



# **Application Services Interface Reference**

Version 7.7, Rev. A  
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Siebel Systems, Inc., 2207 Bridgepointe Parkway, San Mateo, CA 94404

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# 1

## What's New in This Release

### **What's New in Application Services Interface Reference, Version 7.7, Rev. A**

[Table 1](#) lists changes described in this version of the documentation to support Release 7.7 of the software.

Table 1. New Product Features in Application Services Interface Reference, Version 7.7, Rev. A

Topic	Description
<p>Siebel 7.7 ASIs have been certified for UAN 4.1.</p>	<p>For information about the ASIs that are included for UAN 4.0, see <i>Application Services Interface Reference</i>, Version 7.5, Revision D.</p> <p>For information about the ASIs that are included for UAN 4.0.1, see <i>Application Services Interface Reference</i>, Version 7.7.</p>
<p>Various ASIs have been modified to include changed usage and enhancements to specified elements.</p> <p>For detailed information about each ASI, see <a href="#">Appendix A, "Predefined Application Service Interfaces"</a> and <a href="#">Appendix B, "Siebel Communications, Media, and Energy ASIs."</a></p>	<p>The following CME ASIs are new:</p> <p>Siebel Invoice Adjustment and Siebel Payment</p> <p>The following Prebuilt ASIs have been updated:</p> <p>External Credit Check, External Opportunity Create/External Opportunity Query/External Opportunity Update, External Opportunity Update Response, Credit Check, PRM ANI Utility Service, Siebel Account, Siebel Business Address, Siebel Class, Siebel Contact, Siebel Employee, Siebel Forecast, Siebel Order, Siebel Personal Address, Siebel Position, Siebel Price List, Siebel Simple Product, Siebel Business Address, External STP Check, Siebel Asset, ATP Siebel Response, Siebel Simple Product, Siebel Cost List, Siebel Price List, Siebel Class, and Siebel Configurable Product.</p> <p>The following CME ASIs have been updated:</p> <p>Siebel Account, Siebel Configurable Product, Siebel Meter Usage Data, Siebel Order, Siebel Simple Product, Siebel Trouble Ticket, Siebel CUT Address MSAG Service, Siebel Meter Reading, CUT Account Balance Interface Request, CUT Account Balance Interface Response, Siebel Invoice, Siebel Configurable Product, Siebel Payment, Siebel Forecast, Siebel Service Request, Siebel SIA Service Request, and Siebel Action.</p>
<p>The Siebel 7.7 ASIs support the UAN 4.0.1 and 4.1 BIPs.</p>	<p>For information about the ASIs that are included in each BIP, see <i>Siebel Business Integration Processes Guide</i>.</p>



# 2

## Siebel Application Services Interfaces Overview

This chapter provides general information about Siebel Application Services Interfaces (ASIs), the definition, benefits, and types of ASIs, and general examples of ASIs to give you an overview of this component. Topics include:

- [“Defining ASIs” on page 9](#)
- [“ASI Usage Examples” on page 11](#)

### Defining ASIs

An Application Services Interface (ASI) is a release-independent interface published by Siebel Systems that allows you to integrate Siebel applications with external applications. An ASI is a collection of related methods; each method contains input and output parameters. The methods and parameters are listed on the business service definition. Simple method parameters (such as a string or number) are defined directly in the service definition. Hierarchical method parameters are defined using integration objects.

**NOTE:** Web Services are used in ASI development, but they may not be apparent in the implementation on specific integration servers. ASIs are published in a standard metadata format—such as Extensible Markup Language Document Type Definitions (XML DTD) and Web Services Descriptive Language/XML Schemas (WSDL/XSD)—and are built using the ASI Framework. See [“ASI Framework” on page 33](#) for more information.

Siebel ASIs are prebuilt and can be used immediately. ASIs provide a release-independent integration interface to the Siebel application, which remains unchanged with each upgrade to a new release. ASIs use the standard metadata format, which makes ASIs language-independent, so they return the same value type regardless of language setting.

### Types of ASIs

There are two types of ASIs—inbound and outbound.

#### Inbound ASI

An inbound ASI defines an interface for services provided by Siebel Systems. External applications use this type of ASI to invoke Siebel-provided services.

An external application makes an inbound request that the inbound dispatcher receives. Based on the information in the ASI, the dispatcher invokes one of several services to pass its data to the Siebel application—either a data synchronization service, other business services, or a workflow process. For further details about data synchronization services, see [“ASI Data Synchronization Services” on page 15](#). For more information about business services and workflows, see *Business Processes and Rules: Siebel eBusiness Application Integration Volume IV*.

The dispatcher determines which service to invoke, according to the ASI configuration and transport protocols. The ASI determines whether the service request is a request-response operation (a response containing the status of the operation or the data retrieved) or a one-way request (where no response is required). ASIs are configured to have the same input and output argument (Siebel Message), and always return a response unless you change the ASI argument. External applications can use inbound ASIs, which can be exposed as a Web Service, XML, or Java. [Figure 1 on page 10](#) shows these processes.

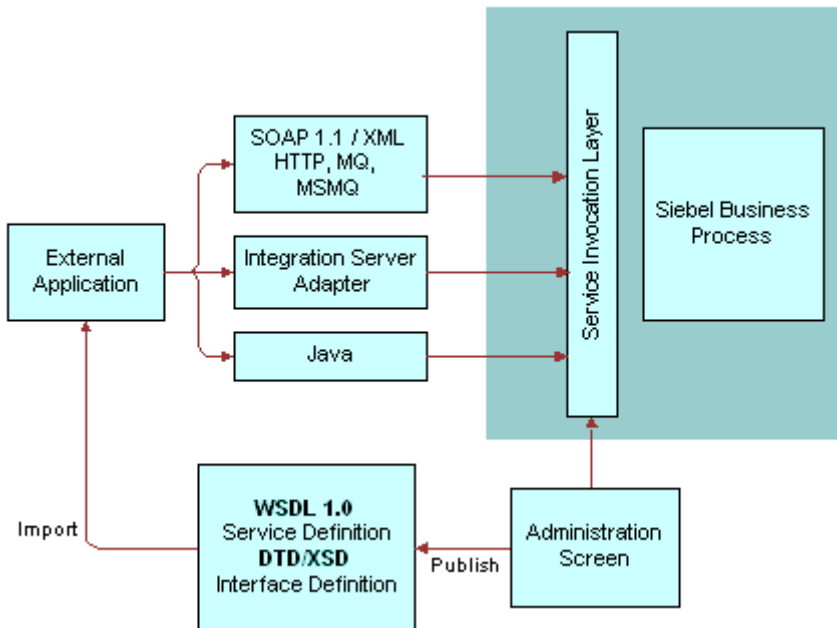


Figure 1. Inbound ASI

## Outbound ASI

An outbound ASI defines an interface from a Siebel application to an external application and provides a proxy to the external application that can be called from within the Siebel application. The Siebel application invokes this proxy to make a service request to the external application, soliciting information from the external service, which the Siebel database updates or displays to the user.

A workflow or a user interface event calls an outbound dispatcher. Based on the ASI configuration, the dispatcher invokes one of several services at runtime—Siebel Services, Partner Adapters, XML, or Web Services. The outbound dispatcher links a service name, interface, and transport or protocol binding to the ASI, which is also sent to the external application, as shown in [Figure 2 on page 11](#).

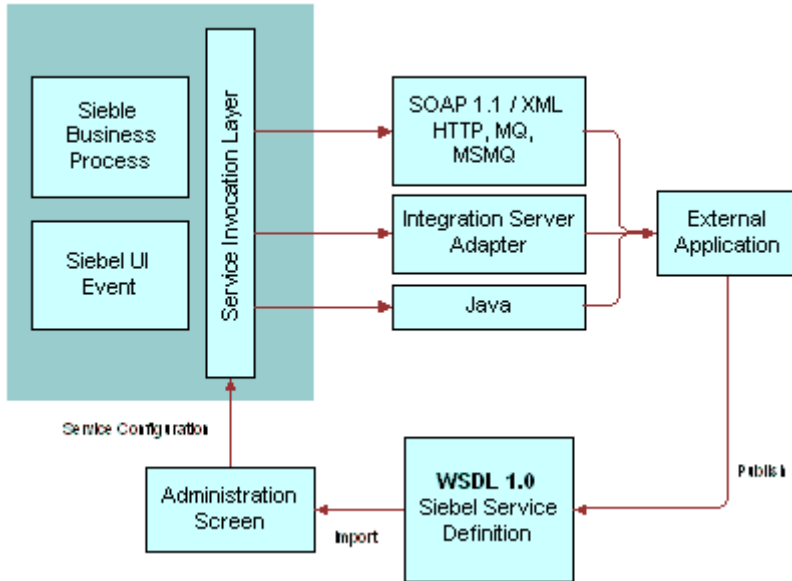


Figure 2. Outbound ASIs

## ASI Usage Examples

The following example in [Figure 3 on page 11](#) demonstrates how to use inbound and outbound ASIs in the workflow.

### Inbound ASI Example

A customer using an external application needs to update an account within the Siebel database. As shown in [Figure 3](#), an external application invokes an inbound ASI, Siebel Account, to retrieve the correct customer information from the Siebel database using the method, QueryById.

In the External Account proxy step, an outbound ASI is called, and the account information is sent to the external systems for processing.

After the update is completed in the external system, the response is passed to an inbound ASI, Siebel Account, to update the information in the Siebel database, using the Synchronize method.

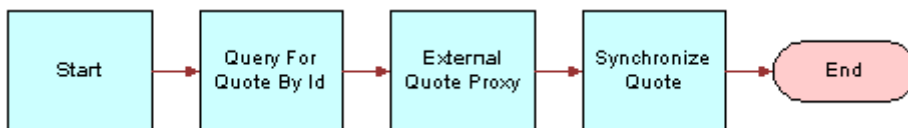


Figure 3. Update Account

For a more detailed description of this example, see [“Customizing Workflows to Use ASIs” on page 34](#).

### **Outbound ASI Example**

The following example uses an outbound ASI to retrieve information and display it to the user.

A customer using a Siebel application might need to check the inventory of a product, Request ATP Check, to fulfill an order. The Siebel application sends an outbound request to the external system, retrieves the information, and displays it to the user.

# 3

## Application Services Interfaces (ASIs)

This chapter describes the underlying structure of an ASI and the specialized types of ASIs used by business services. It also explains the relationship between ASIs, Universal Application Network, EAI, and Web Services, as well as authentication and security issues. Topics include:

- “ASI Structure” on page 13
- “Integration Object Structure” on page 13
- “ASI Data Synchronization Services” on page 15
- “ASIs and Universal Application Network Integration” on page 24
- “Exposing ASIs with Interface Technologies” on page 24
- “ASIs and Web Services” on page 25
- “Authentication and Security for ASIs” on page 27

### ASI Structure

As defined earlier, an ASI is an interface whose implementation is defined by a business service or workflow. A specialized class of business services is implemented as data synchronization services.

Figure 4 on page 13 shows an example of the structure of the Account ASI. For information regarding specific ASIs, see [Appendix A, “Predefined Application Service Interfaces”](#) and [Appendix B, “Siebel Communications, Media, and Energy ASIs.”](#)

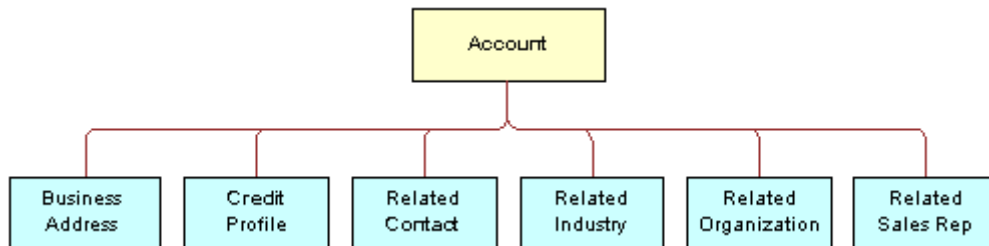


Figure 4. Account ASI

### Integration Object Structure

Integration objects are metadata structures that represent hierarchical objects using components and fields. For example, the Contact integration object might have the following components—Personal Address, Account, and Opportunity. [Figure 5 on page 14](#) shows a sample of the Contact integration object, and the integration object instance containing the data for Contact. The structure of integration objects includes:

- “Components and Fields in Integration Objects” on page 14
- “List of Value Fields in Integration Objects” on page 14
- “Related Business Component Selection in Database Updates” on page 15
- “Unique Keys in Integration Objects” on page 15

For data synchronization services, there are two types of integration objects. For more information about data synchronization services, see “[ASI Data Synchronization Services](#)” on page 15.

For more information about integration objects, see *Integration Platform Technologies: Siebel eBusiness Application Integration Volume II*.

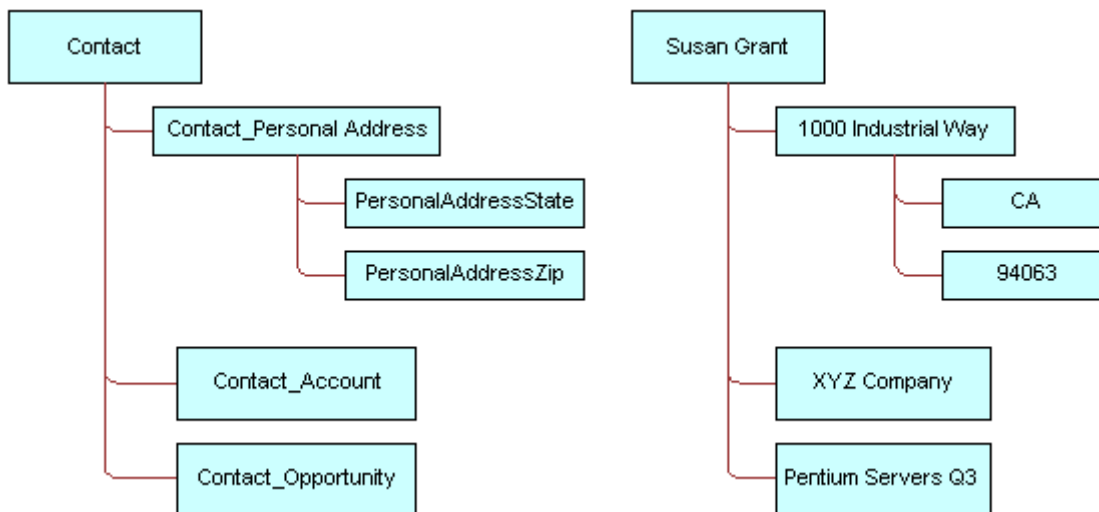


Figure 5. Integration Object and Integration Object Instance

## Components and Fields in Integration Objects

Components define the hierarchy of an integration object, and a component contains one or more fields and child components. In [Figure 5](#), the Contact integration object has these components: Contact\_Personal Address, Contact\_Account, and Contact\_Opportunity; Personal Address has the additional fields, PersonalAddressState and PersonalAddressZip.

By default, all fields are active. However, you can deactivate these fields to satisfy the different requirements for each ASI and to increase performance of the ASI. For more information about deactivating field components, see “[Deactivating ASI Components and Fields](#)” on page 30.

## List of Value Fields in Integration Objects

Fields can map to a Siebel predefined List of Values (LOV). The fields in the integration components that are based on such fields can take values only from that list—the fields are bound to the values of that LOV. For example, in [Figure 5 on page 14](#), PersonalAddressState can map to an LOV of the different states in the U.S. (such as AZ, CA, FL, and so on).

These LOV fields should use a language-independent representation. For each LOV field, the internal integration object returns a Language Independent Code (LIC) if the user property, `AllLangIndependentVals`, is set to Y at the object level.

The integration object can expose the Siebel LIC or map the field to an industry standard code.

## Related Business Component Selection in Database Updates

When a row is inserted or updated in the Siebel database, it is often necessary to create relationships with other business components through a foreign key. For example, an account has a many-to-one relationship with Price List—an account is associated with one price list; the same price list can be used with different accounts. The correct price list is identified by the foreign key `Price List Id`, which exists in the Account component. This relationship is implemented through the picklist.

For this type of integration, a pointer to the appropriate price list row is stored in the account row, where it is identified by a foreign key.

## Unique Keys in Integration Objects

Internal integration objects implement user keys that the Siebel application creates for each component, based on the user primary key defined for the underlying table. User keys are a group of fields whose values uniquely identify only one Siebel record. When an ASI executes, it searches the list of user keys to find the first key present in the component instance and uses it to determine whether the record has a match in the Siebel database.

You can deactivate, modify, or create additional keys for an ASI depending on your business and application needs. However, it is recommended that each component contain a set of three unique keys:

- **Row ID.** The Siebel Row ID.
- **Integration ID.** A cross-reference that links the Siebel application to the corresponding record in the external application.
- **User Key.** Corresponds to the U1 index of the underlying table.

## ASI Data Synchronization Services

A data synchronization service is a specialized type of business service used by a class of ASIs. Data synchronization services import and export data from Siebel applications and are based on the framework provided by the EAI Siebel adapter. For more information about the EAI Siebel adapter, see *Integration Platform Technologies: Siebel eBusiness Application Integration Volume II*. The components of a data synchronization service include:

- [“Data Mapping for ASI Release Independence” on page 16](#)
- [“Data Synchronization Methods for ASIs” on page 19](#)

Many inbound ASIs are built using data synchronization services, and can also be used to populate the parameters of an outbound ASI. The inbound ASI isolates the interface of the outbound ASI and provides an interface that is independent from the data model by isolating the underlying data model through the use of a data map.

**NOTE:** Data mapping cannot be specified for outbound ASIs using the internal integration object and data map business service user properties. These user properties are only for use by the data synchronization business service.

Data synchronization services use a pair of integration objects—the internal integration object and the interface integration object—that define the schema of the release-independent interface. Both objects must be provided, even if they are exactly the same, for the ASI to be upgraded at a later date. An internal integration object mirrors the schema of the Siebel business object, while an interface integration object defines the external representation of the data.

Figure 6 on page 16 illustrates these concepts.

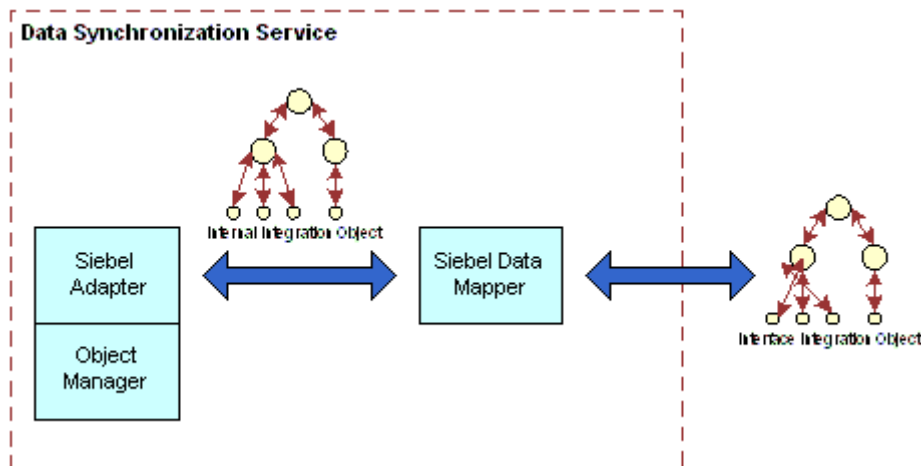


Figure 6. Data Synchronization Services

Component and field names of the internal integration object must match the names of the underlying Siebel business object’s components and fields. The interface integration object’s components and fields do not need to match; you determine them based on your business requirements.

## Data Mapping for ASI Release Independence

Within data synchronization, a data map translates the data in the form of integration objects between an internal integration object and an interface integration object, making ASIs release-independent.



Data synchronization services use data mapping to translate data between integration objects and support a subset of methods that are used by the EAI Siebel adapter, such as Insert, Update, and Delete. See [“Data Synchronization Methods for ASIs” on page 19](#) for more information. An ASI usually requires two types of data maps—one for each direction, as shown in [Figure 7 on page 17](#). For more information about data mapping, see *Business Processes and Rules: Siebel eBusiness Application Integration Volume IV*.

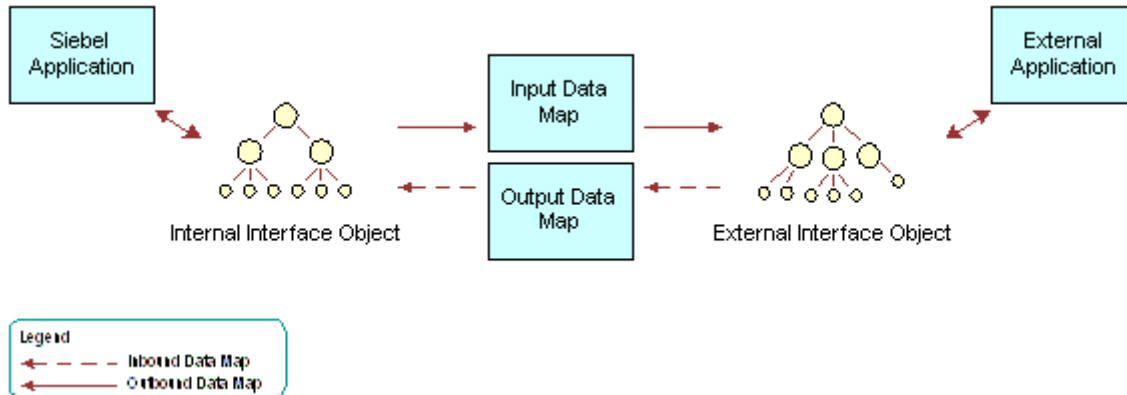


Figure 7. Mapping Between Integration Objects

For ASIs using data synchronization services, there are two types of data mapping—implicit data mapping and explicit data mapping.

### Implicit Data Mapping for Integration Objects

Data synchronization services support implicit data mapping when the internal integration object is a subset or exactly the same as the interface integration object; the reverse also holds true. Implicit mapping occurs when:

- A source component maps to a target component with the same name.
- A source component maps to a target component and both components have fields with the same name.
- Data synchronization service does not specify a data map.

Every component, field, and child component is mapped between integration objects.

[Figure 8 on page 18](#) shows an example of implicit mapping between two integration objects. In this diagram, components and fields with the same name are automatically mapped; data synchronization services map these fields when a data map is not specified.

In [Figure 8](#), the child component, Organization, which appears on the interface integration object only, is not mapped because it is not considered important to the ASI. Consequently, the two integration objects are sufficiently similar, and a data map is not necessary. Implicit mapping ignores any components and fields unique only to the interface or internal integration object, but not both.

**NOTE:** Implicit data mapping requires that the root components of the internal and interface integration objects have the same name.

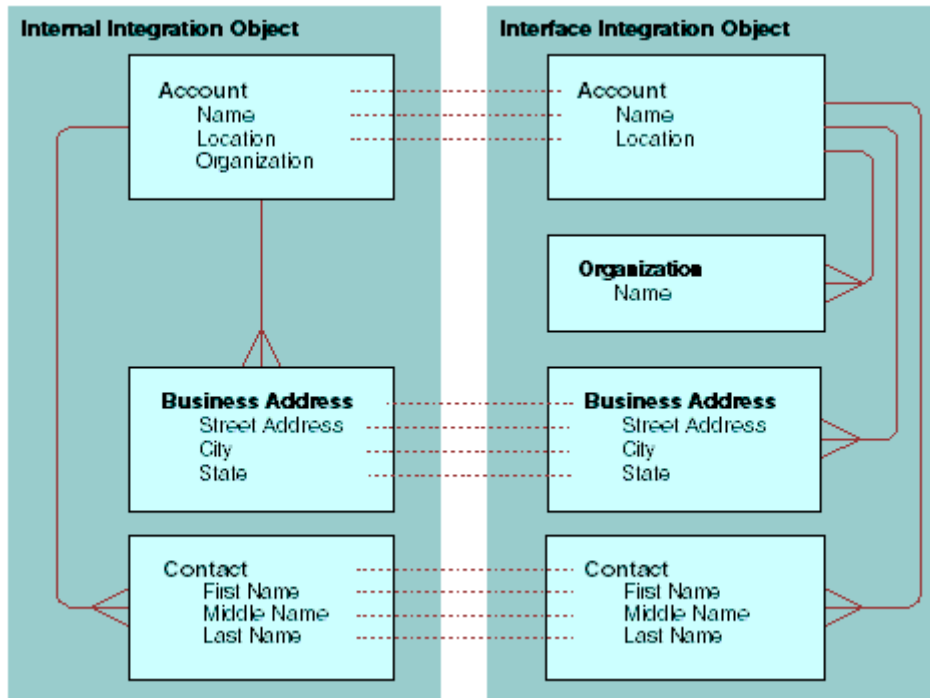


Figure 8. Implicit Data Mapping

## Explicit Data Mapping for Integration Objects

You must define an explicit data map whenever a component or field name of an interface integration object does not exactly match the component or field name of the internal interface object.

Siebel Systems provides prebuilt explicit data maps for its ASIs. These data maps make sure that the ASIs are release-independent.

**NOTE:** To preserve the release-independent properties of fields, do not alter Siebel-defined explicit data maps except when you deactivate fields.

## Automatic Mapping for Integration Objects

You can automatically extend a data map for an integration object whenever new components and fields have been added to an existing ASI. Within the Data Map Administration screen, the Auto-Map feature enables you to automatically create submaps for these new components and fields. The Auto-Map feature checks the definition of the internal integration object and the interface integration object, finds components and fields of the same name with no current map, and creates the data map for it.

You can use automatic mapping and explicit mapping together.

## Upgrading Data Maps for Integration Objects

When the Siebel application is upgraded, a three-way merge is performed on the internal and interface integration objects. This merge makes sure that the customer's extensions to these objects carry forward to the new version.

If an explicit data map exists in the previous version of the ASI, a new version of the map replaces the old with the Siebel application upgrade. Any automatic mapping is regenerated. The automatic mapping exposes the customer's extensions through the new version of the interface.

## Data Synchronization Methods for ASIs

Data synchronization services use a subset of methods supported by the EAI Siebel Adapter, as listed in [Table 2](#). However, an ASI might not use all of the methods listed; you can define which methods an ASI uses. For more information, see *Integration Platform Technologies: Siebel eBusiness Application Integration Volume II*.

Table 2. Data Synchronization Methods

Method	Description	Input	Output
QueryByExample	Queries for objects based on the example object provided.	Interface Integration Object	One or more integration objects that matches the query.
QueryById	Queries for objects based on the primary row ID.	Primary Row ID	An integration object that matches the specific row ID. If no row ID exists, no object is returned.

Table 2. Data Synchronization Methods

Method	Description	Input	Output
QueryPage	Queries for a given number of objects based on the example object.	<ul style="list-style-type: none"> <li>■ Interface Integration Object</li> <li>■ PageSize</li> <li>■ StartRowNum</li> <li>■ ViewMode</li> </ul>	<ul style="list-style-type: none"> <li>■ One or more integration objects up to &lt;pagesize&gt; number of integration objects that match the query.</li> <li>■ Boolean LastPage argument indicates whether the last record is returned.</li> </ul>
Insert	Creates the object in the database.	Interface Integration Object	The status key of all the objects created. If the object exists, this request errors out. See <a href="#">“Using Status Keys” on page 22</a> for information about status keys.
Update	Updates the object in the database. If the object does not exist, the request returns an error.	Interface Integration Object	The status key of all objects updated.
InsertOrUpdate	Merges the object with the same object in the database or creates a new object if none exists in the database.	Interface Integration Object	The status key of all objects created or updated.
Synchronize	Synchronizes the database object to exactly match the input object.	Interface Integration Object	The status key of all objects created or updated.
Delete	Deletes the object.	Interface Integration Object	The status key of all objects deleted.

## Data Synchronization Input Method Arguments for ASIs

Table 3 describes the arguments of the various methods. For more information about the input arguments, see *Integration Platform Technologies: Siebel eBusiness Application Integration Volume II*.

Table 3. Input Method Arguments

Argument	Display Name	Type	Data Type	Description
Interface Integration Object		Input/Output	Integration Object	<ul style="list-style-type: none"> <li>■ The integration object or set of integration objects that is either passed to or returned to the method.</li> <li>■ The name of the method argument can be anything, but you should use SiebelMessage if the ASI is to be used in a workflow process with other EAI services.</li> <li>■ The integration object attribute must specify the name of the interface integration object.</li> </ul>
LastPage	Last Page	Output	Boolean	Indicates whether the last record has been returned by the QueryById method.
PageSize	Page Size	Input	Number	The default is 10. This argument indicates the number of records to be returned for the QueryPage method.
PrimaryRowID	Object ID	Input	String	The ID that corresponds to the Siebel business component row ID for the primary integration component. This argument is only applicable to the QueryById method.
StartRowNum	Starting Row Number	Input	Number	The default is 0. The row number to start retrieving records for the QueryPage method.
RowID IntegrationId UserKey		Output	Status key	See <a href="#">“Using Status Keys” on page 22</a> for more information about this output argument.
ViewMode		Input	String	Specifies the visibility mode applied to the parent integration object. Applicable only to the QueryPage method.

### Using Status Keys

A status key is an integration component key of the type Status key. Status keys are similar to unique keys (see [“Unique Keys in Integration Objects” on page 15](#)), and need to be defined for the output arguments. It is recommended that each component contain a set of these three unique keys:

- **Row ID.** The Siebel Row ID.
- **Integration ID.** A cross-reference that links the Siebel application to the corresponding record in the external application.
- **User Key.** Corresponds to the U1 index of the underlying table.

For more information about status keys, see *Integration Platform Technologies: Siebel eBusiness Application Integration Volume II*.

### Handling Error Messages

If a method cannot find the integration object as specified by the method arguments, a SiebelMessage returns containing an empty list of integration objects.

However, if an error occurs during the execution of a method:

- The Business Service returns an error.
- A SOAP message is returned if the method is invoked as a Web Service. See [“Handling Errors for ASIs” on page 25](#) for more information about Web Services error messages.

### Business Service User Properties for ASIs

User properties, as listed in [Table 4](#), control the behavior of an ASI. These values become input arguments to the service that invokes the ASI.

For example, an ASI using the Synchronize method can specify that an input data map for Synchronize is used—for example, Input Data Map (Synchronize). If Input Data Map (Synchronize) is not specified, the default data map, Input Data Map, is used instead. If a default data map is not specified, implicit mapping is used.

For more information about Business Service User Properties, see *Integration Platform Technologies: Siebel eBusiness Application Integration Volume II*.

Table 4. Business Service User Properties

Argument	Required	Description
Internal Integration Object	Y	Name of the integration object defining the business object to expose.
Input Data Map	N	Name of the default data map for the input arguments. If no map or method is specified, implicit mapping occurs between the internal and input interface objects.
Output Data Map	N	Name of the default data map for the output arguments. If no map and method are specified, implicit mapping occurs between the internal and output interface objects.

Table 4. Business Service User Properties

Argument	Required	Description
Input Data Map (name of method)	N	Name of the data map for the input arguments for the specified method—for example, Input Data Map (Synchronize).
Output Data Map (name of method)	N	Name of the data map for the output arguments for the specified method—for example, Output Data Map (Update).

## XML Method Example

The following XML example demonstrates an upsert-and-delete operation:

```
<Siebel Message MessageId="" MessageType="Integration Object" IntObjectName="Sample Account">
```

```
<ListOfSampleAccount>
  <Account operation="upsert">
    <Name>A. K. Parker Distribution</Name>
    <Location>HQ-Distribution</Location>
    <Organization>North American Organization</Organization>
    <Division/>

    <CurrencyCode>USD</CurrencyCode>

    <Description>This is the key account in the AK Parker Family</Description>

    <HomePage>www.parker.com</HomePage>

    <LineofBusiness>Manufacturing</LineofBusiness>

  <ListOfContact>
    <Contact operation="delete">
      <FirstName>Stan</FirstName>
      <JobTitle>Senior Mgr of MIS</JobTitle>
      <LastName>Graner</LastName>
      <MiddleName>A</MiddleName>
      <PersonalContact>N</PersonalContact>
      <Account>A. K. Parker Distribution</Account>
      <AccountLocation>HQ-Distribution</AccountLocation>
    </Contact>
  </ListOfContact>

</Account>
</ListOfSampleAccount>

</Siebel Message>
```

## ASIs and Universal Application Network Integration

ASIs are the preferred integration mechanism with the Universal Application Network (UAN). However, there are different ways to connect to the Siebel application. For example, for integration server vendors, Siebel adapters connect directly to the Siebel object layer through the Siebel EAI layer or directly to Siebel Business Objects and Business Components.

There are several benefits in using ASIs to connect to UAN:

- UAN is configured to connect to Siebel applications through the use of ASIs. Modifications to this connection mode are possible through the configuration of UAN Application Simulation Flow (ASF) processes.
- ASIs can be configured:
  - For outbound ASIs, administrators need to indicate the URL and port number of the integration server in the Web Services Administration screen.
  - For inbound ASIs, configuration occurs on the side of the integration server vendors (see [Chapter 4, "Administering Application Services Interfaces"](#) and *Universal Application Network Implementation and Configuration Guide* for more information).
- ASIs can be published as Web Services through the export and import of WSDL files.
- ASIs do not require an integration server vendor adapter.
- ASIs are release-independent.
- ASIs are transport-independent, supporting MQSeries, MSMQ, and HTTP.

For more information about UAN, see the *Universal Application Network Architecture Guide*.

## Exposing ASIs with Interface Technologies

ASIs can be exposed through any of Siebel's interface technologies, which includes the Web Services Framework as well as the broader EAI Framework. The Web Services Framework supports Web Service-related standards, including SOAP, WSDL, and XML Schema. You can use the broader EAI Framework for more flexibility in XML formatting and in choice of transport.

ASIs use supported transport technologies including HTTP, MQSeries from IBM, and MSMQ from Microsoft. For more information about XML processing, see *XML Reference: Siebel eBusiness Application Integration Volume V*. For more information about transports, see *Transports and Interfaces: Siebel eBusiness Application Integration Volume III*.



## ASIs and Web Services

Web Services can make ASIs externally available by using information protocols (such as HTTP) and data formats (such as XML), and other communication protocols, such as SOAP, Universal Description Discovery and Integration (UDDI), and WSDL. Because ASIs are business services, ASIs can be exposed externally as Web Services. However, while ASIs can be published as Web Services, not all Web Services are ASIs.

For more information about Web Services and how to use them, see *Integration Platform Technologies: Siebel eBusiness Application Integration Volume II*.

Topics in this section include:

- [“Protocols Used with ASIs” on page 25](#)
- [“Handling Errors for ASIs” on page 25](#)

## Protocols Used with ASIs

ASIs support the standard XML envelope for Web Services and SOAP. Siebel applications support two types of SOAP protocols—SOAP-Remote Call Procedure (RPC) and SOAP-DOC. If an inbound ASI supports an industry standard other than the protocols that Siebel Systems supports, the ASI cannot be defined as an inbound Web Service. The ASI must be defined and supported through the existing EAI framework.

[Table 5](#) lists the various types of transport and protocols available. The Null Protocol implements a loopback—a call back into the Siebel servers. Any method arguments passed using the Null Protocol or that are not directly specified are forwarded to the local business service or local workflow. When testing an ASI, you can use the File protocol.

Table 5. Protocols

Transport	SOAP-RPC	SOAP-DOC	Null
HTTP	Inbound/Outbound	Inbound/ Outbound	N/A
MQ	Inbound/Outbound	Outbound	N/A
MSMQ	Inbound/Outbound	Outbound	N/A
Local Business Service	Inbound/Outbound	N/A	N/A
Local Web Service	Outbound	Outbound	Outbound
Local Workflow	Outbound	Outbound	Outbound
File	Outbound	Outbound	Outbound

## Handling Errors for ASIs

The SOAP fault message returns any errors for inbound and outbound ASIs.

## Errors for Inbound ASIs

The SOAP fault block returns any inbound error messages, as defined by the SOAP 1.1 specification. The fault code contains either a Client or Server value, and the fault string contains a description of the error. The error message <si ebel : errormsg> details the problems with the request. The information in the SOAP fault block can be extracted and displayed to the user.

The following XML shows an example of a fault message.

```
<?xml version="1.0" encoding="UTF-8" ?>
<?Si ebel -Property-Set EscapeNames="false"?>
<SOAP-ENV: Envelope xmlns: SOAP-ENV="http://schemas.xml soap.org/soap/envelope/" SOAP-
ENV: encodingStyle="http://schemas.xml soap.org/soap/encoding/">
<SOAP-ENV: Body>
  <SOAP-ENV: Fault xmlns: si ebel f="http://www.si ebel . com/ws/fault">
    <fault code>Client</fault code>
    <fault string>
      Supplied input is not well formed or does not contain the
      expected data.
    </fault string>
    <detail >
      <si ebel f: errorstack>
        <si ebel f: error>
          <si ebel f: errorsymbol />
          <si ebel f: errormsg>Supplied input is not well formed
            or does not contain the expected data.
          </si ebel f: errormsg>
        </si ebel f: error>
        <si ebel f: error>
          <si ebel f: errorsymbol >
            IDS_XMLCNV_ERR_EMPTYMSG
          </si ebel f: errorsymbol >
          <si ebel f: errormsg>XML Hierarchy Converter error - empty
            input message, expecting an XML document in <Value> of
            input arguments
          </si ebel f: errormsg>
        </si ebel f: error>
      </si ebel f: errorstack>
    </detail >
  </SOAP-ENV: Fault >
</SOAP-ENV: Body>
</SOAP-ENV: Envelope>
```

## Errors for Outbound ASIs

If an error occurs during an outbound ASI that has been exposed as a Web Service, the business service raises the error and returns the SOAP fault message as the output method argument, soap: fault, for the application to process. The error is represented as an XML hierarchy property set.

These outbound ASIs can potentially time out. You can specify the time out interval as a siebel:timeout argument. If a time-out interval is not specified, the transport's default time-out applies. An IDS\_EAI\_ERR\_TIMEOUT error occurs, and not a soap: fault.

## Authentication and Security for ASIs

The authentication and security for ASIs depend on the underlying transport used to access the ASI and standard Siebel login logic. HTTP enables the authentication of individual Siebel users, while the MQ Series and MSMQ rely on the operating system's level of security of the underlying transport.

For more information about authentication and security, see the *Security Guide for Siebel eBusiness Applications*.



# 4

## Administering Application Services Interfaces

This chapter describes how to implement ASIs and how to apply them to your workflows. Some user scenarios are described for you to better understand how to administer ASIs. Topics include:

- [“Using ASIs” on page 29](#)
- [“User Scenarios for ASI Administration” on page 31](#)

### Using ASIs

Siebel ASIs are prebuilt and ready to use for integration between Siebel applications and external applications. ASIs require no change to the actual interface to be deployed and include prebuilt data maps that require no customization. You can deactivate fields and components within ASIs with no loss of their release-independence or upgradeability.

You can customize ASIs by adding new components and fields. For more information about customizing, see [Chapter 5, “Customizing an Application Services Interface.”](#)

**NOTE:** For other, customized interfaces (that is, *not* prebuilt ASIs) that you build, upgradeability across releases is not guaranteed.

The key activities when using ASIs include:

- [“Configuring ASIs” on page 29](#)
- [“Deactivating ASI Components and Fields” on page 30](#)
- [“Real Time and Asynchronous Processing with ASIs” on page 31](#)

### Configuring ASIs

Although ASIs are prebuilt, for them to be exposed to external applications, you must configure them to the requirements of the IT application environment.

#### ***To configure an inbound data synchronization ASI***

- 1 Open Siebel Tools and select the integration object you want to update and deactivate the components and fields you do not require for your business service.

**NOTE:** If an inbound ASI needs to be invoked through a workflow process, you need to define a named subsystem. See *Integration Platform Technologies: Siebel eBusiness Application Integration Volume II* for more information about named subsystems and how to define them.

See [“Deactivating ASI Components and Fields” on page 30](#) for more information. If you only deactivated fields and no map is specified in the ASI, a data map is unnecessary. Implicit data mapping still applies.

- 2 Recompile the project into an SRF file.  
The ASI is now ready to use as a business service.
- 3 (Optional) If the ASI is to be made into a Web Service, create a new entry in the Inbound Web Services Administration view.

### ***To configure an outbound ASI***

- 1 Open Siebel Tools and select the integration object you want to change and deactivate the components and fields you do not require for the ASI.

See [“Deactivating ASI Components and Fields” on page 30](#) for more information.

**NOTE:** Skip steps 3 through 5 of this procedure if a WSDL file exists for the internal interface. You can run the WSDL Wizard to import the necessary information. If a WSDL file does not exist, complete steps 2 through 4 of this procedure.

- 2 Open the Siebel Client, choose the Administration - Web Services menu, select the Outbound Web Services screen, and define an entry for the outbound ASI.  
  
The port type should reference the business service created for the outbound ASI. The name of the business service and port must match the default names set on the business services definition.
- 3 Open Siebel Tools, select Business User Properties, and configure the following properties:
  - **Transport.** The service to send the request. See [“Exposing ASIs with Interface Technologies” on page 24](#) for more information.
  - **Protocol.** Defines the formatting of the data. See [“Protocols Used with ASIs” on page 25](#) for more information.
  - **Address.** The location to send the request. Use the URL or queue name associated with the transport.
- 4 Recompile the projects with the integration objects and business services definition into the SRF file.

## **Deactivating ASI Components and Fields**

By default, all fields are active for use. You can deactivate fields for your particular business needs. In general, if you are deactivating the fields of an inbound ASI, you must also deactivate the corresponding outbound ASI fields; if you deactivate the fields for an outbound ASI, you must also deactivate the inbound ASI fields.

### ***To deactivate a component or field***

- 1 Open Siebel Tools.
- 2 Navigate to Integration Object, and choose the integration object you want to modify.
- 3 Select the components or fields you want to deactivate.

- 4 Check the Inactive column to make that component or field inactive.
- 5 Deactivate the map for the component, if an explicit map exists.

**NOTE:** Setting all fields as active slows the performance time. By deactivating fields, the amount of data sent decreases. For high-volume ASIs, deactivating fields might significantly reduce the performance and physical considerations surrounding a given integration object. Deactivate unnecessary fields to help increase performance time.

## Real Time and Asynchronous Processing with ASIs

After an ASI request has been submitted, it executes immediately for the Siebel application or the external application in real time (synchronously). However, you can model asynchronous requests by creating two ASI methods.

### *To create an asynchronous process*

- 1 **Create an outbound ASI.** Create an outbound ASI to provide the request arguments. See [“To define an inbound interface” on page 36](#).
- 2 **Create an inbound ASI.** Create an inbound ASI to accept the result from the external application. See [“To define an external interface” on page 37](#).
- 3 **Create a correlation ID.** Create an explicit correlation ID in the outbound and inbound ASI to link the result to the original request.

## Batch Processing

You can perform batch processing on ASIs by customizing the workflows to call an ASI at a specific time.

### *To create a batch process*

- 1 Create the workflow process to call an ASI.
- 2 Schedule a Server Component Request to invoke the Workflow Process Batch Manager to run the workflow process.

See the application-specific documentation for information about customizing workflows.

## User Scenarios for ASI Administration

The following scenario describes ASI administration. John is an integration administrator at ABC Company who must configure the prebuilt Siebel ASIs. The key activities in this scenario are:

- [“Deactivating ASI Components and Fields” on page 30](#)
- [“Exposing an Inbound ASI” on page 32](#)
- [“Specifying an ASI Implementation” on page 32](#)

A back-office application is sending customer information to be synchronized from the Siebel application to a back-office system. John needs to expose an existing inbound ASI, Sync Siebel Product, to receive the customer information, which uses data synchronization services. He also needs to use an existing outbound ASI, Sync External Account, to send the updated information to another system. In addition, John must also deactivate fields in the integration objects that are not being used for these particular ASIs.

## Deactivating Fields in the Integration Object

John needs to deactivate various fields in the integration objects for the inbound ASI, AccountReceive, and the outbound ASI, AccountSend, that are not relevant for his company's business object. For each ASI, John:

- Chooses the internal integration object for the specific ASI and deactivates the unnecessary fields in Siebel Tools.
- Chooses the interface integration object for the specific ASI and deactivates the same fields he deactivated in the internal integration object. He deactivates these fields in Siebel Tools.

## Exposing an Inbound ASI

John needs to expose the inbound ASI, AccountReceive, to receive the customer information from the back-office system. He wants the inbound ASI to be available over HTTP.

- In the Inbound Web Services screen in the Siebel Client, he specifies the port binding information: transport, protocol, and address.
- He publishes the WSDL file to advertise the inbound ASI and its address.

## Specifying an ASI Implementation

For the outbound ASI, AccountSend, John wants to send the customer information as SOAP over HTTP. In the Outbound Web Services screen in the Siebel Client, he specifies the following for AccountSend:

- Transport—HTTP
- Protocol—SOAP
- File address—`http://ABCcompany/sendRequests/customer`



# 5

## Customizing an Application Services Interface

This chapter describes the ASI framework, extending existing ASIs, and building your own interfaces. Also included is an in-depth description of how to customize your workflows to use ASIs. Topics include:

- [“ASI Framework” on page 33](#)
- [“Customizing Workflows to Use ASIs” on page 34](#)
- [“Building Customized Interfaces Using the ASI Framework” on page 36](#)
- [“User Scenarios for ASIs” on page 39](#)

### ASI Framework

As defined in [“Defining ASIs” on page 9](#), an ASI is a release-independent interface published by Siebel Systems in a standard metadata format and built using the ASI Framework.

The ASI Framework provides the technology in which ASIs are implemented. You can use this framework to extend existing ASIs or to define your own Web Service and proxies in a Siebel application for externally defined services. Other interfaces can be built using the ASI Framework, but are not considered to be ASIs. Only Siebel prebuilt ASIs are supported across releases.

**NOTE:** For other, customized interfaces (that is, *not* prebuilt ASIs) that you build using the ASI Framework, upgradeability across releases is not guaranteed.

The following procedure describes extending an existing Siebel ASI to meet specific business needs.

#### *To extend an ASI*

- 1 Identify the integration objects to modify—the internal integration object and the interface integration object.
- 2 Open Siebel Tools, select the internal integration object, and add the required components and fields.
- 3 Select the interface integration object and add the required components and fields, matching the component and field names from the internal integration object.
- 4 Choose the Tools menu and select Validate Object to check the definition of the integration objects.
- 5 Recompile the project into an SRF file, and replace the SRF file on the application server with the new SRF file.

- 6 Open the Siebel Client, select the Administration - Integration menu, choose the Data Maps screen, query for the data map, and click Auto-Map if an explicit map exists for this service.

Clicking Auto-Map automatically creates an explicit map for the newly added components and fields to the ASI. Auto-Map maps the matching root components, fields, and child components between the integration objects, if the names are the same and no current mapping exists. For more information about the Auto-Map feature, see [“Automatic Mapping for Integration Objects” on page 19](#).

- 7 Click Validate in the Data Map screen to check any changes to the data map before testing.
- 8 If you are using a data map for the ASI, make sure you purge the Data Map cache to remove any traces of the current data map and enable the correct data map to be used.

**CAUTION:** Purge the data map only during the development and testing phases of the ASI.

**NOTE:** To purge the Data Map cache, you need to define a workflow under Business Process Administration. For more information about creating this workflow, see *Business Processes and Rules: Siebel eBusiness Application Integration Volume IV*.

- 9 Test the ASI to make sure it is accurate and correct.

For instructions about defining your own Web service and proxies in a Siebel application for externally defined services, see *Integration Platform Technologies: Siebel eBusiness Application Integration Volume II*.

## Customizing Workflows to Use ASIs

Workflows can invoke some ASIs for their processes. You can customize workflows to use the ASIs in the individual Siebel applications. In the following scenario, [Figure 9 on page 35](#) illustrates a workflow to Synchronize Account, invoking different ASI methods, QuerybyID and Synchronize.

**NOTE:** For more information about customizing workflows, see the application-specific documentation.

### Customized Workflow Example

A customer using an external application needs to update an account within the Siebel database. The following scenario demonstrates how this customized workflow operates.

In the scenario illustrated in [Figure 9](#), the object ID is used to query for the account being sent. The QueryById method returns the account, which is stored in the SiebelMessage property. The account information is passed to the External Account Proxy, which sends the account information to the external system through Web Services. The external system synchronizes the information and returns any new account information. The Synchronize method takes that new account information and synchronizes the information on the internal system.

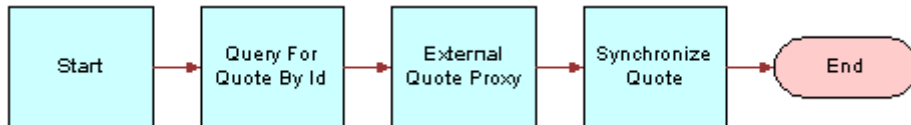


Figure 9. Synchronize Account Workflow

The QueryById method contains the method arguments shown in [Table 6](#).

Table 6. QueryById Method Arguments

Name	Display Name	Integration Object	Data Type	Type	Storage Type
PrimaryRowID	ID		String	Input	Property
SiebelMessage	Account Interface	Account Interface	Integration Object	Output	Hierarchy

The Synchronize method contains the method argument shown in [Table 7](#).

Table 7. Synchronize Method Argument

Name	Display Name	Integration Object	Data Type	Type	Storage Type
SiebelMessage	Account Interface	Account Interface	Integration Object	Input/ Output	Hierarchy

In this example, an interface integration object with the name Account Interface is created to define the external representation of the account. An internal integration object with the name Internal Account Interface is created to describe the structure of the Account business object.

The workflow process properties are used to store data in the workflow. The Object ID property (data type String) is included in each workflow by default. Account Message (data type Integration Object) is defined to store the output of the Query by Account ID step.

The Query by Account step calls the QueryById method of the Siebel Account data synchronization service. The process property Object ID is passed as an input argument. Account Interface is passed as an output argument to the process property Account Message. The External Account Proxy step calls the Synchronize method of the External Account outbound ASI. For the input argument, the process property, Account Message, is passed to the input argument, Account Interface. For the output argument, the method output argument, Account Interface, is passed to the process property, Account Message.

Table 8 shows the input arguments.

Table 8. Input Arguments

Input Argument	Type	Property Name	Property Data Type
ID	Process Property	Object ID	String
Account Interface	Process Property	Account Message	Integration Object

Table 9 shows the output argument.

Table 9. Output Argument

Property Name	Type	Output Argument
Account Message	Output Argument	Account Interface

## Building Customized Interfaces Using the ASI Framework

You can build your own interfaces using the ASI Framework.

### To define an inbound interface

- 1 Determine the schema and fields of the integration objects based on your business needs.
- 2 Open Siebel Tools, create the internal integration object using the Integration Object Wizard, and deactivate the components and fields that are not required.

**NOTE:** Deleting fields is not recommended. For more information about creating integration objects, see *Integration Platform Technologies: Siebel eBusiness Application Integration Volume II*.

- 3 Create the interface integration object in Siebel Tools using one of the following methods:
  - Copy the internal integration object, if the internal and interface objects are the same.
  - Use the DTD or XML schema wizard. For more information about using the XML schema wizard, see *Integration Platform Technologies: Siebel eBusiness Application Integration Volume II*.

- Create the object manually.
- 4 Deactivate the components and fields that are not required.  
Deleting fields is not recommended.
- 5 Choose the Tools menu and select Validate Object to check the definition of the integration objects.
- 6 Compile the SRF file, and import it to the Siebel Server.
- 7 Open Siebel Client, select the Administration - Integration menu, and select the Data Maps screen.  
**NOTE:** Do not create an explicit data map if an object is a subset of another or if the objects are the same. The data synchronization service automatically maps the subsets if the root integration components have the same name.
- 8 Open the Integration Administration menu and choose the Data Map editor to create an explicit data map if the two objects contain different component or field names.  
A map is required for each direction:
  - Interface Object > Internal Object
  - Internal Object > Interface Object
- 9 Click Validate in the Data Map editor to check the data map changes before testing.
- 10 Open Siebel Tools, define the business service, and set the class property to CSSEAIDataSyncService.  
Within the business service:
  - a Define the methods needed for this service. See [“Data Synchronization Methods for ASIs” on page 19](#) for more details.
  - b Define the Business Service User Properties to configure the internal object and the data map names. See [“Business Service User Properties for ASIs” on page 22](#) for more details.
- 11 Recompile the projects with the integration objects and business services definition into the SRF file.
- 12 Open Siebel Client, select the Administration - Web Services menu, and choose the Inbound Web Services screen. Create an entry if the inbound interface is to be made available as a Web Service.

To create an outbound interface, you must publish it as a Web Service to use it externally.

### ***To define an external interface***

- 1 Open Siebel Tools and define the integration objects manually or by using the Integration Object Wizard.
  - a Deactivate components and fields that are not required.  
Deleting fields is not recommended.

- b Create interface integration objects manually by copying and changing the internal object, or by importing an XML DTD.

**NOTE:** Skip to [Step 5](#) of this procedure if a WSDL file exists for the internal interface. You can run the WSDL Wizard to automatically import the information that is created manually in [Step 3](#) through [Step 5](#). If a WSDL file does not exist, complete [Step 2](#) through [Step 4](#). For more information about using the WSDL Wizard, see *Integration Platform Technologies: Siebel eBusiness Application Integration Volume II*.

- 2 Open Siebel Tools and define the business service to describe the interface to the ASI, including all methods and parameters for each method.

This business service references the integration objects created in [Step 1](#).

- a Set the business service's class to CSSWSOutboundDispatcher.
  - b Set the parameters on methods to type Integration Object and refer to the specified interface object.
- 3 Define the Business Service User Properties in Siebel Tools.
    - a Choose a name for the default service, siebel\_web\_service\_name.
    - b Choose the properties for the default port, siebel\_port\_name.
    - c Register the name on the business service as a user property, and define the service and port name as the proxy's default service name, siebel\_web\_service\_namespace.

**NOTE:** The user property, ApplicationServicesInterface, is set to Y for each ASI Business Service. You can use it for visual identification to differentiate this business service from other business services. The user property has no functional implication.

- 4 Open Siebel Client, choose the Outbound Web Services screen, and select a name for the default service. Configure the following properties:

- Port types are all the published proxy business services used to define the outbound ASI interface. The port name is the business service you created in Siebel Tools in [Step 2 on page 38](#).
- Transports describe the transport type for your particular platform and system. For more information, see ["Exposing ASIs with Interface Technologies" on page 24](#).
- Protocols describes the formatting of the integration object being sent. For more information, see ["Protocols Used with ASIs" on page 25](#).
- Address is the physical location of the touchpoint files.

- 5 Recompile the projects with the integration objects and business services definition into the SRF file.

- 6 Define an entry for the outbound ASI in the Outbound Services Administration View.

The port type should reference the business service created for the outbound ASI. The name of the business service and port must match the default names set on the business services definition.

**To define the data map**

- An inbound and outbound data map need to be created for each interface. In Siebel Client, use the Data Maps view under the Administration - Integration menu to create a new data map for new or customized integration objects. See [“Data Mapping for ASI Release Independence” on page 16](#) for more information about data mapping.

For more information about creating a data map for the ASI, see *Business Processes and Rules: Siebel eBusiness Application Integration Volume IV*.

## User Scenarios for ASIs

The Siebel prebuilt ASIs might not be sufficient, depending on your business needs. You can extend existing ASIs for further customization, or you can create new interfaces using the ASI Framework. The following scenarios describe an integration developer who needs to customize the interface to reflect her company’s business needs, rules, and processes. The key activities in these scenarios are:

- [“Extending an ASI” on page 39](#)
- [“Defining an Outbound ASI” on page 39](#)

### Extending an ASI

At the ABC company, Jane needs to extend an existing ASI by adding a new field, LifeTimeValue, to the business component, Account, and expose the new field in the ASI, Siebel Account, which uses data synchronization services.

To accomplish these tasks, Jane must:

- 1 Create the new field, LifeTimeValue, in the Account business component using Siebel Tools.
- 2 Add LifeTimeValue to Account’s internal integration object using Siebel Tools.
- 3 Add LifeTimeValue to Account’s interface integration object using Siebel Tools. She must make sure that the two fields in the internal and interface integration objects have matching names.
- 4 Recompile the integration objects and project into an SRF file, and test the new ASI.
- 5 Use the Auto-Map function in the Siebel Data Mapper to automatically map the new field in the internal integration object to the new field in the interface integration object.

After completing these tasks, the new field is available to the business component, Account, and all ASIs based on it, including Siebel Account.

### Defining an Outbound ASI

Jane needs to define an outbound ASI for her company, ABC Company, that submits an order to a back-office system using data synchronization services. She calls the ExternalOrder ASI.

To create this ASI, Jane must do the following in Siebel Tools:

- 1 Create an internal integration object, ExternalOrder Internal, with the necessary components and fields based on ABC Company's business needs.
- 2 Create an interface integration object, ExternalOrder Interface, with the same components and field names as the ExternalOrder Internal integration object. Because both integration objects have the same component and field names, Jane does not need to create a data map, because she uses the data synchronization service's implicit mapping function.
- 3 Define a new Business Service, named ExternalOrder, as an outbound ASI, by specifying CSSWSOutboundDispatcher as Class.
- 4 Define all the methods used by this ASI.
- 5 For each method, create the method argument parameters as Integration Object, String, Hierarchy, Number, or Date, and specify the Type as input or output.
- 6 Specify the implementation for the ASI by setting the Business Service User Properties, because she does not have a current WSDL template to import. Consequently, Jane must create the following Business Service User Properties:

Business Service User Property	Value
siebel_web_service_namespace	ExternalOrder
siebel_web_services_name	ExternalOrder
siebel_port_name	Default

- 7 Compile all integration objects and business services into an SRF file for the Siebel Server.
- 8 In the Siebel Client, navigate to Site Map > Administration - Web Services > Outbound Web Services screen.
- 9 Define a new outbound ASI called ExternalOrder, provide a namespace, and make it Active.
- 10 For the outbound ASI, create the Service Port External Order and reference it to the External Order that she created and compiled in Siebel Tools.
- 11 Select the correct transport, WSDL address, and binding.
- 12 Under Operations, list the methods needed for this ASI. The new ExternalOrder ASI is created and ready to use.



# A

## Predefined Application Service Interfaces

This appendix provides a list of the prebuilt ASIs that are provided with Siebel applications. You can use these ASIs to receive, send, or request data from other applications.

An ASI consists of a business service, which implements various methods and integration objects, and holds whatever data is present in run time. An integration object can consist of multiple integration components, each with multiple fields. All these fields are active by default and are used by the ASI. You can deactivate unnecessary fields. For more information, see [“Deactivating ASI Components and Fields” on page 30](#).

Each ASI is based on an integration object and can be used to integrate data for all fields of that integration object.

### Prebuilt ASIs

[Table 10](#) lists the prebuilt ASIs provided by Siebel Systems.

Table 10. Prebuilt Application Services Interfaces

ASI	Description
Siebel Account	ASI to facilitate the inbound and outbound transfer of account data from the Siebel application. For details, see <a href="#">“Siebel Account” on page 43</a> .
Siebel Action	ASI to facilitate the inbound and outbound transfer of activity data from the Siebel application. Recommended for UAN. For details, see <a href="#">“Siebel Action” on page 57</a> .
Siebel Business Address	ASI to facilitate the inbound and outbound transfer of business address data from the Siebel application. Recommended for UAN. For details, see <a href="#">“Siebel Business Address” on page 64</a> .
Siebel Personal Address	ASI to facilitate the inbound and outbound transfer of personal address data from the Siebel application. Recommended for UAN. For details, see <a href="#">“Siebel Personal Address” on page 66</a> .
Siebel Asset	ASI that associates a customer with a unique product. For details, see <a href="#">“Siebel Asset” on page 67</a> .
Siebel Class	ASI to facilitate the inbound and outbound transfer of class and attributes data from the Siebel application. For details, see <a href="#">“Siebel Class” on page 71</a> .
Siebel Configurable Product	ASI to enable the creation of a configurable product in the Siebel application. For details, see <a href="#">“Siebel Configurable Product” on page 73</a> .

Table 10. Prebuilt Application Services Interfaces

ASI	Description
Siebel Contact	ASI to facilitate the inbound and outbound transfer of contact data from the Siebel application. For details, see <a href="#">“Siebel Contact” on page 76</a> .
Siebel Cost List	ASI to enable the synchronization and update of a cost list and the cost list items. For details, see <a href="#">“Siebel Cost List” on page 83</a> .
Siebel Employee	ASI to facilitate the inbound and outbound transfer of employee data from the Siebel application. For details, see <a href="#">“Siebel Employee” on page 87</a> .
Siebel Forecast	ASI to facilitate the outbound data synchronization between the Siebel application and an external back-office system. For details, see <a href="#">“Siebel Forecast” on page 99</a> .
Siebel Invoice	ASI to facilitate the inbound and outbound transfer of invoice data from the Siebel application. For details, see <a href="#">“Siebel Invoice” on page 101</a> .
External Opportunity Create/External Opportunity Query/External Opportunity Update	ASI to facilitate the inbound and outbound transfer of opportunity data from the Siebel application. For details, see <a href="#">“External Opportunity Create/External Opportunity Query/External Opportunity Update” on page 109</a> .
Siebel Order	ASI to facilitate the inbound and outbound transfer of order data from the Siebel application. For details, see <a href="#">“Siebel Order” on page 130</a> .
Siebel Position	ASI to facilitate the inbound and outbound transfer of position data from the Siebel application. For details, see <a href="#">“Siebel Position” on page 153</a> .
Siebel Price List	ASI to enable the synchronization and update of a price list and the price list items. For details, see <a href="#">“Siebel Price List” on page 155</a> .
Siebel ATP Response/External ATP Check	ASI to facilitate request of availability-to-promise data. For details, see <a href="#">“Siebel ATP Response/External ATP Check” on page 158</a> .
External Credit Check	ASI to facilitate the request for a credit check from an external system. For details, see <a href="#">“External Credit Check” on page 166</a> .
Siebel SIA Service Request	ASI to create an SIA service request within the Siebel application. For details, see <a href="#">“Siebel SIA Service Request” on page 174</a> .
Siebel Service Request	ASI to synchronize service requests in the Siebel application with an external target application. For details, see <a href="#">“Siebel Service Request” on page 177</a> .
Siebel Simple Product	ASI to facilitate the inbound and outbound transfer of simple product data from the Siebel application. For details, see <a href="#">“Siebel Simple Product” on page 181</a> .

# Siebel Account

Use this ASI for customer information management-related business processes. This ASI facilitates inbound and outbound account data synchronization between a Siebel application and any external system. [Figure 10](#) describes the Siebel Account ASI structure.

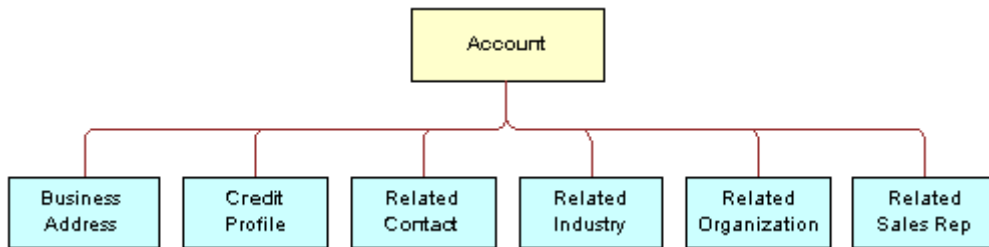


Figure 10. Siebel Account ASI

[Table 11](#) lists the user keys of the Siebel Account ASI.

Table 11. Siebel Account Integration Components

Integration Component	XML Tag	User Keys
Account	Account	<ol style="list-style-type: none"> <li>1 Account Id</li> <li>2 Integration Id</li> <li>3 Location, Name, Primary Organization</li> </ol>
Business Address	BusinessAddress	<ol style="list-style-type: none"> <li>1 Address Id</li> <li>2 Address Integration Id</li> <li>3 City, State, Street Address</li> </ol>
Credit Profile	CreditProfile	<ol style="list-style-type: none"> <li>1 Credit Profile Id</li> <li>2 Credit Profile Integration Id</li> <li>3 Credit Area</li> </ol>
Related Bill To Account	RelatedBillToAccount	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Bill To Account, Location</li> <li>4 CSN</li> </ol>

Table 11. Siebel Account Integration Components

Integration Component	XML Tag	User Keys
Related Contact	RelatedContact	<ol style="list-style-type: none"> <li>1 Person UIId, Primary Organization</li> <li>2 Contact Id</li> <li>3 Contact Integration Id</li> <li>4 First Name, Last Name, Middle Name</li> </ol>
Related Credit Profile	RelatedCreditProfile	<ol style="list-style-type: none"> <li>1 Credit Control Area Code</li> </ol>
Related Industry	RelatedIndustry	<ol style="list-style-type: none"> <li>1 Industry Id</li> <li>2 Industry Integration Id</li> <li>3 Industry</li> <li>4 SIC Code</li> </ol>
Related Organization	RelatedOrganization	<ol style="list-style-type: none"> <li>1 Organization Id</li> <li>2 Organization Integration Id</li> <li>3 Organization</li> </ol>
Related Payer Account	RelatedPayerAccount	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Payer Account, Location</li> <li>4 CSN</li> </ol>
Related Sales Organization	RelatedSalesOrganization	<ol style="list-style-type: none"> <li>1 Organization Id</li> </ol>
Related Sales Rep	RelatedSalesRep	<ol style="list-style-type: none"> <li>1 Position Id</li> <li>2 Position Integration Id</li> <li>3 Division, Position</li> <li>4 Login</li> </ol>
Related Ship To Account	RelatedShipToAccount	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Ship To Account, Location</li> <li>4 CSN</li> </ol>
Related Sold To Account	RelatedSoldToAccount	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Sold To Account, Location</li> <li>4 CSN</li> </ol>

Table 12 lists the fields and attributes of this ASI.

Table 12. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
<b>Account</b>					
Account Id	AccountId	DTYPE_ID	30	N	
Account Organization Integration Id	AccountOrganizationIntegrationId	DTYPE_TEXT	30	N	
Account Status	AccountStatus	DTYPE_TEXT	24	N	
Alias	Alias	DTYPE_TEXT	50	N	
Assignment Area Code	AssignmentAreaCode	DTYPE_TEXT	5	N	
Assignment Country Code	AssignmentCountryCode	DTYPE_TEXT	5	N	
Back Office Order Query End Dt	BackOfficeOrderQueryEndDt	DTYPE_DATETIME		N	
Back Office Order Query Start Dt	BackOfficeOrderQueryStartDt	DTYPE_DATETIME		N	
Back Office Sales Area Division Code	BackOfficeSalesAreaDivisionCode	DTYPE_TEXT	30	N	
CSN	CSN	DTYPE_TEXT	30	N	
Competitor Flag	CompetitorFlag	DTYPE_BOOL		N	
Created	Created	DTYPE_DATETIME	30	N	
Credit Auto Approval Limit	CreditAutoApprovalLimit	DTYPE_CURRENCY		N	
Credit Status Date	CreditStatusDate	DTYPE_UTCDAYETIME	7	N	
Currency Code	CurrencyCode	DTYPE_TEXT	15	N	Used for picking a related entity.
Customer Account Group	CustomerAccountGroup	DTYPE_TEXT	30	N	

Table 12. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Description	Description	DTYPE_TEXT	255	N	
Disable Data Cleansing	DisableDataCleansing	DTYPE_TEXT		N	
Division	Division	DTYPE_TEXT	30	N	
DUNS Number	DUNSNumber	DTYPE_TEXT	15	N	
Domestic Ultimate DUNS	DomesticUltimateDUNS	DTYPE_TEXT	15	N	
EAI Sync Date	EAISyncDate	DTYPE_TEXT		N	
EAI Sync Error Text	EAISyncErrorText	DTYPE_TEXT	2000	N	
EAI Sync Status Code	EAISyncStatusCode	DTYPE_TEXT	30	N	
Expertise	Expertise	DTYPE_TEXT	30	N	Bound by ACCOUNT_EXPERTISE LOV.
Freight Terms	FreightTerms	DTYPE_TEXT	30	N	
Freight Terms Info	FreightTermsInfo	DTYPE_TEXT	100	N	
Global Ultimate DUNS	GlobalUltimateDUNS	DTYPE_TEXT	15	N	
Home Page	HomePage	DTYPE_TEXT	100	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	User key field.
Internal Org Flag	InternalOrgFlag	DTYPE_TEXT		N	
Language Code	LanguageCode	DTYPE_ID		N	
Location	Location	DTYPE_TEXT	50	N	
Main Fax Number	MainFaxNumber	DTYPE_PHONE		N	
Main Phone Number	MainPhoneNumber	DTYPE_PHONE		N	
Name	Name	DTYPE_TEXT	100	N	User key field.
Number of Employees	NumberOfEmployees	DTYPE_NUMBER		N	

Table 12. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
operation	operation	DTYPE_TEXT	30	N	
PO Approved Flag	POApprovedFlag	DTYPE_TEXT		N	
PO Auto Approval Currency Code	POAutoApprovalCurrencyCode	DTYPE_TEXT	20	N	Used for picking a related entity.
PO Auto Approval Date	POAutoApprovalDate	DTYPE_DATE TIME		N	
PO Auto Approval Limit	POAutoApprovalLimit	DTYPE_TEXT		N	
Parent Account Division	ParentAccountDivision	DTYPE_TEXT		N	
Parent Account Id	ParentAccountId	DTYPE_ID		N	
Parent Account Integration Id	ParentAccountIntegrationId	DTYPE_TEXT	30	N	
Parent Account Location	ParentAccountLocation	DTYPE_TEXT	50	N	
Parent Account Location Level	ParentAccountLocationLevel	DTYPE_TEXT	30	N	
Parent Account Name	ParentAccountName	DTYPE_TEXT	100	N	
Parent Account Region	ParentAccountRegion	DTYPE_TEXT	30	N	
Parent HQ DUNS	ParentHQDUNS	DTYPE_TEXT	15	N	
Partner Flag	PartnerFlag	DTYPE_TEXT	1	N	
Partners	Partners	DTYPE_TEXT	100	N	
Party Name	PartyName	DTYPE_TEXT	30	N	
Party Type Code	PartyTypeCode	DTYPE_TEXT	30	N	

Table 12. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Party UI Id	PartyUIId	DTYPE_TEXT	30	N	
Price List	PriceList	DTYPE_TEXT		N	
Price List End Date	PriceListEndDate	DTYPE_TEXT		N	
Price List Id	PriceListId	DTYPE_ID		N	
Price List Integration Id	PriceListIntegrationId	DTYPE_TEXT	30	N	
Price List Start Date	PriceListStartDate	DTYPE_TEXT		N	
Primary Account City	PrimaryAccountCity	DTYPE_TEXT	50	N	
Primary Account Country	PrimaryAccountCountry	DTYPE_TEXT	30	N	
Primary Account Postal Code	PrimaryAccountPostalCode	DTYPE_TEXT	30	N	
Primary Account State	PrimaryAccountState	DTYPE_TEXT	10	N	
Primary Account Street Address	PrimaryAccountStreetAddress	DTYPE_TEXT	200	N	
Primary Address Id	PrimaryAddressId	DTYPE_ID		N	
Primary Assignment Denorm Flag	PrimaryAssignmentDenormFlag	DTYPE_TEXT		N	
Primary Assignment Manual Flag	PrimaryAssignmentManualFlag	DTYPE_TEXT		N	
Primary Assignment System Flag	PrimaryAssignmentSystemFlag	DTYPE_TEXT		N	
Primary Assignment Type	PrimaryAssignmentType	DTYPE_TEXT	30	N	



Table 12. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Primary Bill To Address Id	PrimaryBillToAddressId	DTYPE_ID		N	
Primary Bill To City	PrimaryBillToCity	DTYPE_TEXT	50	N	
Primary Bill To Country	PrimaryBillToCountry	DTYPE_TEXT	30	N	
Primary Bill To First Name	PrimaryBillToFirstName	DTYPE_TEXT	50	N	
Primary Bill To Job Title	PrimaryBillToJobTitle	DTYPE_TEXT	75	N	
Primary Bill To Last Name	PrimaryBillToLastName	DTYPE_TEXT	50	N	
Primary Bill To Person Id	PrimaryBillToPersonId	DTYPE_ID		N	
Primary Bill To Postal Code	PrimaryBillToPostalCode	DTYPE_TEXT	30	N	
Primary Bill To State	PrimaryBillToState	DTYPE_TEXT	10	N	
Primary Bill To Street Address	PrimaryBillToStreetAddress	DTYPE_TEXT	200	N	
Primary Fulfill InvLoc Integration Id	PrimaryFulfillInvLocIntegrationId	DTYPE_TEXT	30	N	
Primary Fulfillment InvLoc Id	PrimaryFulfillmentInvLocId	DTYPE_TEXT		N	
Primary Fulfillment Inventory Location	PrimaryFulfillmentInventoryLocation	DTYPE_TEXT		N	
Primary Industry Id	PrimaryIndustryId	DTYPE_ID		N	
Primary Organization	PrimaryOrganization	DTYPE_TEXT	100	N	User key field.
Primary Organization Id	PrimaryOrganizationId	DTYPE_ID		N	

Table 12. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Primary Payer Account	PrimaryPayerAccount	DTYPE_TEXT	100	N	
Primary Payer Account Id	PrimaryPayerAccountId	DTYPE_ID		N	
Primary Position Id	PrimaryPositionId	DTYPE_ID		N	
Primary Service Agreement Id	PrimaryServiceAgreementId	DTYPE_ID		N	
Primary Ship To Address Id	PrimaryShipToAddressId	DTYPE_ID		N	
Primary Ship To City	PrimaryShipToCity	DTYPE_TEXT	50	N	
Primary Ship To Country	PrimaryShipToCountry	DTYPE_TEXT	30	N	
Primary Ship To First Name	PrimaryShipToFirstName	DTYPE_TEXT	50	N	
Primary Ship To Job Title	PrimaryShipToJobTitle	DTYPE_TEXT	75	N	
Primary Ship To Last Name	PrimaryShipToLastName	DTYPE_TEXT	50	N	
Primary Ship To Person Id	PrimaryShipToPersonId	DTYPE_ID		N	
Primary Ship To Postal Code	PrimaryShipToPostalCode	DTYPE_TEXT	30	N	
Primary Ship To State	PrimaryShipToState	DTYPE_TEXT	10	N	
Primary Ship To Street Address	PrimaryShipToStreetAddress	DTYPE_TEXT	200	N	
Primary Territory Id	PrimaryTerritoryId	DTYPE_ID		N	
Primary Type Id	PrimaryTypeId	DTYPE_ID		N	
Region	Region	DTYPE_TEXT	30	N	
Relationship Type	RelationshipType	DTYPE_TEXT	30	N	

Table 12. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Revenue Growth	RevenueGrowth	DTYPE_NUMBER		N	
Skip Credit Check	SkipCreditCheck	DTYPE_TEXT		N	
Start Date	StartDate	DTYPE_DATE TIME		N	
Strategies	Strategies	DTYPE_TEXT	500	N	
Strategy	Strategy	DTYPE_TEXT	2000	N	
Success Factors	SuccessFactors	DTYPE_TEXT	500	N	
Territory Item Type	TerritoryItemType	DTYPE_TEXT	30	N	
Type	Type	DTYPE_TEXT	255	N	
Updated	Updated	DTYPE_DATE TIME	30	N	
VAT registration number	VATregistrationnumber	DTYPE_TEXT	30	N	
<b>Business Address</b>					
Address Active Status	AddressActiveStatus	DTYPE_TEXT		N	
Address Id	AddressId	DTYPE_ID	30	N	
Address Integration Id	AddressIntegrationId	DTYPE_TEXT	30	N	
Address Name	AddressName	DTYPE_TEXT	100	N	
Bill Address Flag	BillAddressFlag	DTYPE_TEXT		N	Added for UAN 4.0.
City	City	DTYPE_TEXT	50	N	
Country	Country	DTYPE_TEXT	50	N	
County	County	DTYPE_TEXT	50	N	
Disable Data Cleansing	DisableDataCleansing	DTYPE_TEXT		N	
Email Address	EmailAddress	DTYPE_TEXT	50	N	
Fax Number	FaxNumber	DTYPE_TEXT		N	

Table 12. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Main Address Flag	MainAddressFlag	DTYPE_TEXT		N	
operation	operation	DTYPE_TEXT	30	N	
Phone Number	PhoneNumber	DTYPE_TEXT		N	Added for UAN 4.0.
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Postal Code	PostalCode	DTYPE_TEXT	30	N	
Province	Province	DTYPE_TEXT	50	N	
Ship Address Flag	ShipAddressFlag			N	Added for UAN 4.0.
State	State	DTYPE_TEXT	10	N	
Street Address	StreetAddress	DTYPE_TEXT	200	N	
Street Address 2	Street Address2	DTYPE_TEXT	100	N	
<b>Credit Profile</b>					
Credit Area	CreditArea	DTYPE_TEXT	30	N	
Credit Available	CreditAvailable	DTYPE_NUMBER		N	
Credit Currency Code	CreditCurrencyCode	DTYPE_TEXT	20	N	
Credit Limit	CreditLimit	DTYPE_NUMBER		N	
Credit Profile Id	CreditProfileId	DTYPE_ID	30	N	
Credit Profile Integration Id	CreditProfileIntegrationId	DTYPE_TEXT	30	N	
Credit Reporting Group	CreditReportingGroup	DTYPE_TEXT	50	N	
Credit Status Code	CreditStatusCode	DTYPE_TEXT	30	N	
Credit Status Message	CreditStatusMessage	DTYPE_TEXT		N	

Table 12. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Credit Used	CreditUsed	DTYPE_NUMBER		N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Risk Category Code	RiskCategoryCode	DTYPE_TEXT	30	N	
operation	operation	DTYPE_TEXT	30	N	
<b>Related Contact</b>					
Alternate Phone #	AlternatePhone	DTYPE_TEXT		N	
Assistant Phone #	AssistantPhone	DTYPE_TEXT		N	
Cellular Phone #	CellularPhone	DTYPE_TEXT		N	
Conflict Id	ConflictId	DTYPE_ID	30	N	
Contact Id	ContactId	DTYPE_ID	30	N	
Contact Integration Id	ContactIntegrationId	DTYPE_TEXT	30	N	
Email Address	EmailAddress	DTYPE_TEXT	50	N	
Employee Number	EmployeeNumber	DTYPE_TEXT	30	N	
Fax Phone #	FaxPhone	DTYPE_TEXT		N	
First Name	FirstName	DTYPE_TEXT	50	N	
Home Phone #	HomePhone	DTYPE_TEXT		N	
Job Title	JobTitle	DTYPE_TEXT	75	N	
Last Name	LastName	DTYPE_TEXT	50	N	
M/F	MF	DTYPE_TEXT	255	N	
M/M	MM	DTYPE_TEXT	15	N	
Middle Name	MiddleName	DTYPE_TEXT	50	N	
Organization	Organization	DTYPE_TEXT	50	N	UAN 4.0 SAP enhancement.
Person UId	PersonUId	DTYPE_TEXT	100	N	
Primary Organization	PrimaryOrganization	DTYPE_TEXT	100	N	

Table 12. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Work Phone #	WorkPhone	DTYPE_TEXT		N	
Work Phone Extension	WorkPhoneExtension	DTYPE_TEXT	10	N	
<b>Related Industry</b>					
Industry	Industry	DTYPE_TEXT	50	N	
Industry Id	IndustryId		30	N	
Industry Integration Id	IndustryIntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
SIC Code	SICCode	DTYPE_TEXT	30	N	
<b>Related Organization</b>					
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Organization	Organization	DTYPE_TEXT	50	N	
Organization Id	OrganizationId	DTYPE_ID	15	N	
Organization Integration Id	OrganizationIntegrationId	DTYPE_TEXT	30	N	
<b>Related Sales Rep</b>					
Division	Division	DTYPE_TEXT	255	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Login	Login	DTYPE_TEXT	50	N	
Position	Position	DTYPE_TEXT	50	N	
Position Id	PositionId	DTYPE_ID	30	N	
Position Integration Id	PositionIntegrationId	DTYPE_TEXT	30	N	
<b>Related Sales Organization</b>					
Account Status	AccountStatus	DTYPE_TEXT	30	N	
Back Office Distribution Channel	BackOfficeDistributionChannel	DTYPE_TEXT	30	N	
Back Office Sales Area Division Code	BackOfficeSalesAreaDivisionCode	DTYPE_TEXT	30	N	

Table 12. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Back Office Sales Organization	BackOfficeSalesOrganization	DTYPE_TEXT	30	N	
Conflict Id	ConflictId	DTYPE_ID	30	N	
Created	Created	DTYPE_DATE TIME	30	N	
Currency Code	CurrencyCode	DTYPE_TEXT	20	N	
Freight Terms	FreightTerms	DTYPE_TEXT	30	N	
Freight Terms Info	FreightTermsInfo	DTYPE_TEXT	100	N	
Id	Id	DTYPE_TEXT	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Language Code	LanguageCode	DTYPE_ID		N	
Mod Id	ModId	DTYPE_ID	30	N	
Organization	Organization	DTYPE_TEXT	100	N	
Organization Id	OrganizationId	DTYPE_ID		N	
Parent Account Id	ParentAccountId	DTYPE_ID		N	
Party Id	PartyId	DTYPE_ID		N	
Payment Terms	PaymentTerms	DTYPE_ID		N	
Payment Terms Integration Id	PaymentTermsIntegrationId	DTYPE_TEXT		N	UAN 4.0 SAP enhancement.
Payment Terms Name	PaymentTermsName	DTYPE_TEXT		N	UAN 4.0 SAP enhancement.
Price List Type	PriceListType	DTYPE_ID		N	
Primary Bill To Account Id	PrimaryBillToAccountId	DTYPE_ID		N	
Primary Fulfillment InvLoc	PrimaryFulfillmentInvLoc	DTYPE_TEXT		N	UAN 4.0 SAP enhancement.

Table 12. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Primary Fulfillment InvLoc ID	PrimaryFulfillmentInvLoc ID	DTYPE_ID		N	
Primary Fulfillment InvLoc Integration Id	PrimaryFulfillmentInvLoc IntegrationId	DTYPE_TEXT		N	UAN 4.0 SAP enhancement.
Primary Payer Account Id	PrimaryPayerAccountId	DTYPE_ID		N	
Primary Ship To Account Id	PrimaryShipToAccountId	DTYPE_ID		N	
Shipping Conditions	ShippingConditions	DTYPE_TEXT	30	N	
Type	Type	DTYPE_TEXT	30	N	
Updated	Updated	DTYPE_DATE TIME	30	N	
<b>Related Bill To Account</b>					
Bill To Account	BillToAccount	DTYPE_TEXT	100	N	
CSN	CSN	DTYPE_TEXT	30	N	
Id	Id	DTYPE_TEXT	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	Added for UAN 4.0.
Location	Location	DTYPE_TEXT	50	N	
<b>Related Payer Account</b>					
CSN	CSN	DTYPE_TEXT	30	N	
Id	Id	DTYPE_TEXT	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	Added for UAN 4.0.
Location	Location	DTYPE_TEXT	50	N	
Payer Account	PayerAccount	DTYPE_TEXT	100	N	
<b>Related Ship To Account</b>					
CSN	CSN	DTYPE_TEXT	30	N	
Id	Id	DTYPE_TEXT	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	



Table 12. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	Added for UAN 4.0.
Location	Location	DTYPE_TEXT	50	N	
Ship To Account	ShipToAccount	DTYPE_TEXT	100	N	
<b>Related Sold To Account</b>					
CSN	CSN	DTYPE_TEXT	30	N	
Id	Id	DTYPE_TEXT	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	Added for UAN 4.0.
Location	Location	DTYPE_TEXT	50	N	
Sold To Account	SoldToAccount	DTYPE_TEXT	100	N	
<b>Related Credit Profile</b>					
Block Credit Flag	BlockCreditFlag	DTYPE_TEXT		N	
Credit Control Area Code	CreditControlAreaCode	DTYPE_TEXT	30	N	

## Siebel Action

The Siebel Action ASI is based on the Siebel Action Business Component. It is an ASI for business processes related to Activity management (for example, a Calendar event such as an appointment). This ASI facilitates inbound and outbound activity data synchronization between Siebel 6.3 applications and Siebel 7.5 applications. This ASI is recommended for UAN.

Figure 11 describes the Siebel Action ASI structure.

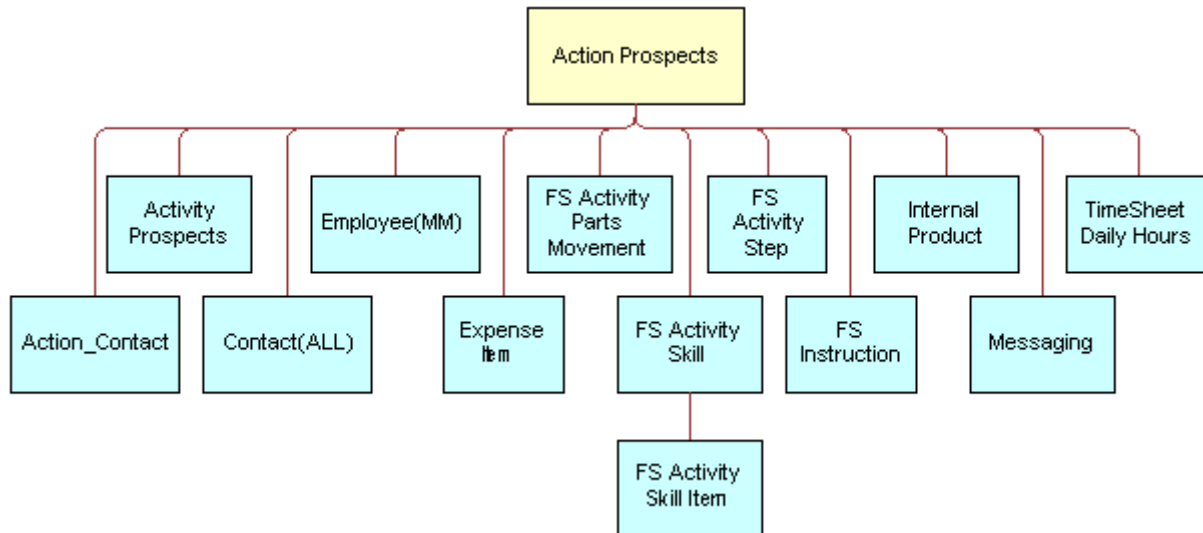


Figure 11. Siebel Action ASI

Table 13 lists the integration components and user keys of the Siebel Action ASI.

Table 13. Siebel Action Integration Components

Integration Component	XML Tag	User Keys
Action	Action	1 Id 2 Activity UID
Action_Contact	Action_Contact	1 Contact Id
Activity Prospects	ActivityProspects	1 Prospective Contact UID
Contact(All)	ContactAll	1 Party UID
Employee (MM)	EmployeeMm	1 Party UID
Expense Item	ExpenseItem	1 Expense Item Number, Owner Id
FS Activity Parts Movement	FsactivityPartsMovement	1 PartMvtNum
FS Activity Skill	FsActivitySkill	1 Name 2 Item Type Name
FS Activity Skill Item	FsActivitySkillItem	1 Expertise Code, Low Char 1 2 Low Char 2, Low Number 1
FS Activity Step	FsActivityStep	1 SeqNum, Step Type Id

Table 13. Siebel Action Integration Components

Integration Component	XML Tag	User Keys
FS Instruction	FsInstruction	1 Instruction, Instruction Type
Internal Product	InternalProduct	1 Id
Messaging	Messaging	1 Message Number
Time Sheet Daily Hours	TimeSheetDailyHours	1 Id 2 Item Date, Owner Id, Time Sheet Item Num

Table 14 lists the fields and their attributes. Fields without a length specified do not have a maximum length associated with them.

Table 14. Siebel Action ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>Action</b>				
Account Id	AccountId	DTYPE_ID		N
Activity SR Id	ActivitySRId	DTYPE_ID		N
Activity UID	ActivityUID	DTYPE_TEXT	30	N
Alarm	Alarm	DTYPE_TEXT		N
Appt Alarm Time Min	ApptAlarmTimeMin	DTYPE_NUMBER		N
Asset Id	AssetId	DTYPE_ID		N
Assignment Excluded	AssignmentExcluded	DTYPE_TEXT		N
Associated Cost	AssociatedCost	DTYPE_TEXT		N
Audience	Audience	DTYPE_TEXT	30	N
Billable Flag	BillableFlag	DTYPE_TEXT		N
Call Id	CallId	DTYPE_TEXT	30	N
Class	Class	DTYPE_TEXT	30	N
Comment	Comment	DTYPE_TEXT	1,500	N
Currency Code	CurrencyCode	DTYPE_TEXT		N
Description	Description	DTYPE_TEXT	100	N
Display	Display	DTYPE_TEXT	30	N
Done	Done	DTYPE_DATETIME		N

Table 14. Siebel Action ASI Fields

Name	XML Tag	Data Type	Length	Required
Due	Due	DTYPE_TEXT		N
Est Work Time Remaining	EstWorkTimeRemaining	DTYPE_NUMBER		N
Exchange Date	ExchangeDate	DTYPE_DATETIME		N
Id	Id	DTYPE_ID	30	N
Meeting Location	MeetingLocation	DTYPE_TEXT	100	N
No Sooner Than Date	NoSoonerThanDate	DTYPE_DATETIME		N
Opportunity Id	OpportunityId	DTYPE_ID		N
Percent Complete	PercentComplete	DTYPE_NUMBER		N
Planned	Planned	DTYPE_DATETIME		N
Planned Completion	PlannedCompletion	DTYPE_DATETIME		N
Previous Activity Id	PreviousActivityId	DTYPE_ID		N
Price List Id	PriceListId	DTYPE_ID		N
Primary Owner Id	PrimaryOwnerId	DTYPE_ID		N
Priority	Priority	DTYPE_TEXT	30	N
Private	Private	DTYPE_TEXT		N
Rate List Id	RateListId	DTYPE_ID		N
Repeating Expires	RepeatingExpires	DTYPE_DATETIME		N
Repeating Type	RepeatingType	DTYPE_TEXT	30	N
Resolution Code	ResolutionCode	DTYPE_TEXT	30	N
Started	Started	DTYPE_DATETIME		N
Status	Status	DTYPE_TEXT	30	N
Status Report Flag	StatusReportFlag	DTYPE_TEXT		N
Type	Type	DTYPE_TEXT	30	N
operation	operation	DTYPE_TEXT	30	N
searchspec	searchspec	DTYPE_TEXT	250	N

Table 14. Siebel Action ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>Action_Contact</b>				
Contact Id	Contact Id	DTYPE_ID	30	N
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N
<b>Activity_Prospects</b>				
Prospective Contact UID	ProspectiveContactUID	DTYPE_TEXT	100	N
<b>Contact</b>				
Party UID	PartyUID	DTYPE_TEXT	30	N
<b>Employee (MM)</b>				
Party UID	PartyUID	DTYPE_TEXT	30	N
<b>Expense Item</b>				
Account Id	AccountId	DTYPE_ID		N
Amount	Amount	DTYPE_TEXT		N
Billable Flag	BillableFlag	DTYPE_TEXT		N
Comments	Comments	DTYPE_TEXT	250	N
Currency Code	CurrencyCode	DTYPE_TEXT	20	N
Description	Desc	DTYPE_TEXT	250	N
End Date	EndDate	DTYPE_DATETIME		N
Establishment	Establishment	DTYPE_TEXT	50	N
Exchange Date	ExchangeDate	DTYPE_DATETIME		N
Exchange Rate	ExchangeRate	DTYPE_NUMBER		N
Expense Item Number	ExpenseItemNumber	DTYPE_ID		N
Expense Item Type	ExpenseItemTypeName	DTYPE_TEXT	50	N
Internal Comments	InternalComments	DTYPE_TEXT	250	N
Item Room Amount	ItemRoomAmount	DTYPE_TEXT		N
Item Room Other Tax Amount	ItemRoomOtherTaxAmount	DTYPE_TEXT		N

Table 14. Siebel Action ASI Fields

Name	XML Tag	Data Type	Length	Required
Item Room Tax Amount	ItemRoomTaxAmount	DTYPE_TEXT		N
Mileage Distance	MileageDistance	DTYPE_NUMBER		N
Mileage Rate	MileageRate	DTYPE_TEXT		N
Mileage Route	MileageRoute	DTYPE_TEXT	100	N
Opty Id	OptyId	DTYPE_ID		N
Owner Id	OwnerId	DTYPE_ID		N
Payment Type	PaymentType	DTYPE_TEXT	30	N
Project Billing Class	ProjectBillingClass	DTYPE_TEXT	30	N
Reimbursable Flag	ReimbursablFlag	DTYPE_TEXT		N
Start Date	StartDate	DTYPE_DATETIME		N
<b>FS Activity Parts Movement</b>				
Asset Id	AssetId	DTYPE_ID		N
Billable Flag	BillableFlag	DTYPE_TEXT		N
Commit Txn Flag	CommitTxnFlag	DTYPE_TEXT		N
Destination	Destination	DTYPE_TEXT	30	N
Movement Date	MovementDate	DTYPE_DATETIME		N
Order Id	OrderId	DTYPE_ID		N
Order Item Id	OrderItemId	DTYPE_ID		N
PartMvtNum	PartMvtNum	DTYPE_ID		N
Product Id	ProductId	DTYPE_ID		N
Product Name	ProductName	DTYPE_TEXT	100	N
Source	Source	DTYPE_TEXT	30	N
Status	Status	DTYPE_TEXT	30	N
Trunk Invloc Id	TrunkInvlocId	DTYPE_ID		N
Used Quantity	UsedQuantity	DTYPE_NUMBER		N
<b>FS Activity Skill</b>				
Comments	Comments	DTYPE_TEXT	250	N

Table 14. Siebel Action ASI Fields

Name	XML Tag	Data Type	Length	Required
Item Type Name	ItemTypeName	DTYPE_TEXT	75	N
Name	Name	DTYPE_TEXT	50	N
<b>FS Activity Skill Item</b>				
Expertise Code	ExpertiseCode	DTYPE_TEXT	30	N
Low Char 1	LowChar1	DTYPE_TEXT	50	N
Low Char 2	LowChar2	DTYPE_TEXT	50	N
Low Number 1	LowNumber1	DTYPE_NUMBER		N
Product Id	ProdId	DTYPE_TEXT		N
<b>FS Activity Step</b>				
Comments	Comments	DTYPE_TEXT	250	N
End Date	EndDate	DTYPE_DATETIME		N
Performed	Performed	DTYPE_TEXT		N
Performed by	Performedby	DTYPE_ID		N
SeqNum	SeqNum	DTYPE_NUMBER		N
Start Date	StartDate	DTYPE_DATETIME		N
Step Type Id	StepTypeId	DTYPE_ID		N
<b>FS Instruction</b>				
Instruction	Instruction	DTYPE_NOTE		N
Instruction Type	InstructionType	DTYPE_TEXT	30	N
<b>Messaging</b>				
Account Id	AccountId	DTYPE_ID		N
Alert Type CD	AlertTypeCD	DTYPE_TEXT	30	N
Comments	Comments	DTYPE_TEXT	2000	N
Contact Last Name	ContactLastName	DTYPE_TEXT	50	N
Creation Time	CreationTime	DTYPE_TEXT		N
Message Number	MessageNumber	DTYPE_TEXT	30	N
Message Status CD	MessageStatusCD	DTYPE_TEXT	30	N
Message Text	Message Text	DTYPE_TEXT	2000	N
Opportunity Id	OpportunityId	DTYPE_ID		N

Table 14. Siebel Action ASI Fields

Name	XML Tag	Data Type	Length	Required
Priority	Priority	DTYPE_TEXT	30	N
Private Flag	PrivateFlag	DTYPE_TEXT		N
Recipient Id	Recipient Id	DTYPE_ID		N
Sender Id	SenderId	DTYPE_ID		N
Service Request Id	ServiceRequestId	DTYPE_ID		N
<b>Time Sheet Daily Hours</b>				
Billable Flag	BillableFlag	DTYPE_TEXT		N
Billing Class	BillingClass	DTYPE_TEXT		N
Billing Rate Type	BillingRateType	DTYPE_TEXT		N
Created	Created	DTYPE_DATETIME		N
End Time	EndTime	DTYPE_DATETIME		N
External Comments	ExternalComments	DTYPE_TEXT		N
Id	Id	DTYPE_ID		N
Internal Comments	InternalComments	DTYPE_TEXT		N
Item Date	ItemDate	DTYPE_DATETIME		N
Oppty Id	OpptyId	DTYPE_ID		N
Owner Id	OwnerId	DTYPE_ID		N
Project Id	ProjectId	DTYPE_ID		N
Service Request Id	ServiceRequestId	DTYPE_ID		N
Start Time	StartTime	DTYPE_DATETIME		N
Time Sheet Item Num	TimeSheetItemNum	DTYPE_TEXT		N

## Siebel Business Address

Siebel Business Address is part of the Customer Order Lifecycle business process. The Customer Address is a business address associated with a specific customer. This ASI facilitates inbound and outbound address data synchronization between Siebel applications and external systems. This ASI is recommended for UAN.



Figure 12 describes the Siebel Business Address ASI structure.



Figure 12. Siebel Business Address ASI

Table 15 lists the integration components and user keys of this ASI.

Table 15. Siebel Business Address Integration Components

Integration Component	XML Tag	User Keys
Address	Address	<b>1</b> Id <b>2</b> Integration Id

Table 16 lists the fields and their attributes. Fields without a length specified do not have a maximum length associated with them.

Table 16. Siebel Business Address ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>Address</b>				
Address Line 1	AddressLine1	DTYPE_TEXT	200	N
Address Line 2	AddressLine2	DTYPE_TEXT	200	N
City	City	DTYPE_TEXT	50	N
Country	Country	DTYPE_TEXT	50	N
Id	Id	DTYPE_TEXT	30	N
Integration Id	IntegrationId	DTYPE_TEXT	30	N
operation	operation	DTYPE_TEXT	30	N
Postal Code	PostalCode	DTYPE_TEXT	50	N
State	State	DTYPE_TEXT	10	N

## Siebel Personal Address

Siebel Personal Address is part of the Customer Order Lifecycle business process. The Customer Address is a personal address associated with a specific customer. This ASI facilitates inbound and outbound address data synchronization between Siebel applications and external systems. This ASI is recommended for UAN.

Figure 13 describes the Siebel Personal Address ASI structure.



Figure 13. Siebel Personal Address ASI

Table 17 lists the integration components and user keys of the Siebel Personal Address ASI.

Table 17. Siebel Personal Address Integration Components

Integration Component	XML Tag	User Keys
Address	Address	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> </ol>

Table 18 lists the fields and their attributes. Fields without a length specified do not have a maximum length associated with them.

Table 18. Siebel Personal Address ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>Address</b>				
Address Line 1	AddressLine1	DTYPE_TEXT	200	N
Address Line 2	AddressLine2	DTYPE_TEXT	200	N
City	City	DTYPE_TEXT	50	N
Country	Country	DTYPE_TEXT	50	N
Id	Id	DTYPE_TEXT	30	N
Integration Id	IntegrationId	DTYPE_TEXT	30	N
operation	operation	DTYPE_TEXT	30	N

Table 18. Siebel Personal Address ASI Fields

Name	XML Tag	Data Type	Length	Required
Postal Code	PostalCode	DTYPE_TEXT	50	N
State	State	DTYPE_TEXT	10	N

## Siebel Asset

Siebel Asset is part of the Customer Order Lifecycle business process. The Customer Asset is a serialized product or service that a customer has purchased from a company. When a customer creates an order, the seller removes the product from the finished goods inventory, and upon shipment, the item becomes a customer asset with a unique serial number. The asset is only associated with that specific customer.

Figure 14 describes the Siebel Asset ASI structure.

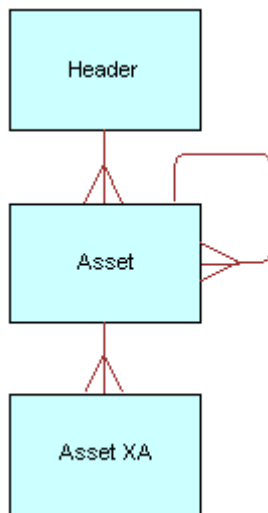


Figure 14. Siebel Asset ASI

Table 19 lists the integration components and user keys of this ASI.

Table 19. Siebel Asset Integration Components

Integration Component	XML Tag	User Keys
Asset Mgmt - Asset	Asset	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Asset Number, Product Id
Asset Mgmt - Asset - Header	AssetHeader	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Asset Number, Product Id
Asset Mgmt - Asset XA	AssetXA	<b>1</b> Integration Id <b>2</b> Name

Table 20 lists the fields and their attributes. Fields without a length specified do not have a maximum length associated with them.

Table 20. Siebel Asset ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
<b>Asset Mgmt - Asset XA</b>					
Data Type	DataType	DTYPE_TEXT	30	N	
Description	AttributeDescription	DTYPE_TEXT	250	N	
Display Name	DisplayName	DTYPE_TEXT	100	N	
Id	Id	DTYPE_ID	15	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Name	AttributeName	DTYPE_TEXT	75	N	
Required	Required	DTYPE_TEXT	1	N	
Unit of Measure	UnitofMeasure	DTYPE_TEXT	30	N	
Value	AttributeValue	DTYPE_TEXT	100	N	
operation	operation	DTYPE_TEXT	30	N	
<b>Asset Mgmt - Asset - Header</b>					
Asset Currency Code	AssetCurrencyCode	DTYPE_TEXT	20	N	

Table 20. Siebel Asset ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Asset Description	AssetDescription	DTYPE_TEXT	250	N	
Asset Number	AssetNumber	DTYPE_TEXT	100	N	
Comments	Comments	DTYPE_TEXT	255	N	
Id	Id	DTYPE_ID	15	N	
Install Date	InstallDate	DTYPE_DATE TIME		N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Inventory Location Id	InventoryLocationId	DTYPE_ID	15	N	
Name	ProductName	DTYPE_TEXT	100	N	
Organization Id	OrganizationId	DTYPE_ID	15	N	
Original Cost	OriginalCost	DTYPE_NUMBER		N	
Original Order Id	OriginalOrderId	DTYPE_ID	15	N	
Owner Account Id	OwnerAccountId	DTYPE_ID	15	N	
Parent Asset Id	ParentAssetId	DTYPE_ID	15	N	
Primary Contact Id	PrimaryContactId	DTYPE_ID	15	N	
Product Id	ProductId	DTYPE_ID	15	N	
Purchase Date	PurchaseDate	DTYPE_DATE TIME		N	
Quantity	Quantity	DTYPE_NUMBER		N	
Root Asset Id	RootAssetId	DTYPE_ID	15	N	
Serial Number	SerialNumber	DTYPE_TEXT	100	N	
Serialized Flag	ProductSerializedFlag	DTYPE_TEXT	1	N	
Status	Status	DTYPE_TEXT	30	N	
Version	Version	DTYPE_TEXT	30	N	
operation	operation	DTYPE_TEXT	30	N	

Table 20. Siebel Asset ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
<b>Asset Mgmt - Asset</b>					
Asset Currency Code	AssetCurrencyCode	DTYPE_TEXT	20	N	
Asset Description	AssetDescription	DTYPE_TEXT	250	N	
Asset Number	AssetNumber	DTYPE_TEXT	100	N	
Comments	Comments	DTYPE_TEXT	255	N	
Customizable Flag	CustomizableFlag	DTYPE_TEXT	1	N	
Extended Quantity	ExtendedQuantity	DTYPE_NUMBER		N	
Id	Id	DTYPE_ID	15	N	
Install Date	InstallDate	DTYPE_DATE TIME		N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Inventory Location Id	InventoryLocationId	DTYPE_ID	15	N	
Name	Name	DTYPE_TEXT	100	N	
operation	operation	DTYPE_TEXT	30	N	
Operating Status	OperatingStatus	DTYPE_TEXT	30	N	
Order Integration Id	OrderIntegrationId	DTYPE_TEXT	30	N	
Organization Id	OrganizationId	DTYPE_ID	15	N	
Original Cost	OriginalCost	DTYPE_NUMBER		N	
Original Order Id	OriginalOrderId	DTYPE_ID	15	N	
Owner	Owner	DTYPE_ID	15	N	
Owner Account Id	OwnerAccountId	DTYPE_ID	15	N	
Parent Asset Id	ParentAssetId	DTYPE_ID	15	N	
Price List Id	PriceListId	DTYPE_ID	15	N	

Table 20. Siebel Asset ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Primary Contact Id	PrimaryContactId	DTYPE_ID	15	N	
Prod Item Id	ProdItemId	DTYPE_ID	15	N	
Product Description	ProductDescription	DTYPE_TEXT	255	N	
Product Id	ProductId	DTYPE_ID	15	N	
Product Name	ProductName	DTYPE_TEXT	100	N	
Product Serialized Flag	ProductSerializedFlag	DTYPE_TEXT	1	N	
Purchase Date	PurchaseDate	DTYPE_DATE TIME		N	
Quantity	Quantity	DTYPE_NUMBER		N	
Root Asset Id	RootAssetId	DTYPE_ID	15	N	
Root Product Id	RootProductId	DTYPE_ID	15	N	
Serial Number	SerialNumber	DTYPE_TEXT	100	N	
Status	Status	DTYPE_TEXT	30	N	
Version	Version	DTYPE_TEXT	30	N	

## Siebel Class

A class associates attributes with a product. An attribute derives its possible values from a defined set of values, which can be a list or a range. A class can have subclasses, which inherit attributes from their parent class.

This ASI facilitates the inbound and outbound transfer of class and attributes data from the Siebel application. [Figure 15](#) describes the Siebel Class ASI structure.



Figure 15. Siebel Class ASI

Table 21 lists the integration components and user keys of this ASI.

Table 21. Siebel Class Integration Components

Integration Component	XML Tag	User Keys
Class	Class	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Name, Type
Attribute	Attribute	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Name

Table 22 lists the fields and their attributes. Fields without a length specified do not have a maximum length associated with them.

Table 22. Siebel Class ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
<b>Class</b>					
Class Id	ClassId	DTYPE_ID		N	
Display Name	DisplayName	DTYPE_TEXT	75	N	
Id	Id	DTYPE_ID	30	N	User key field.
Integration Id	IntegrationId	DTYPE_TEXT	30	N	User key field.
Name	Name	DTYPE_TEXT	75	Y	User key field.
Parent Class Id	ParentClassId	DTYPE_ID		N	Used for picking a related entity. This read-only field is automatically populated by the Siebel application on insertion and cannot be updated.
Parent Class Name	ParentClassName	DTYPE_TEXT	75	N	User key field.
Parent Class Type	ParentClassType	DTYPE_TEXT	30	N	
Type	Type	DTYPE_TEXT	30	Y	User key field.
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	

**Attribute**



Table 22. Siebel Class ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Class Id	ClassId	DTYPE_ID		Y	Used for picking a related entity. This read-only field is automatically populated by the Siebel application on insertion and cannot be updated.
Data Type	DataType	DTYPE_TEXT	30	N	
Default Value	DefaultValue	DTYPE_TEXT	250	N	
Description - Base	Description-Base	DTYPE_TEXT	250	N	
Display Name - Base	DisplayName-Base	DTYPE_TEXT	100	N	
Hidden	Hidden	DTYPE_TEXT		N	
Id	Id	DTYPE_ID	30	N	User key field.
Integration Id	IntegrationId	DTYPE_TEXT	30	N	User key field.
LOV Type	LOVType	DTYPE_TEXT	30	N	
Name	Name	DTYPE_TEXT	75	Y	User key field.
Required	Required	DTYPE_TEXT		N	
Unit of Measure	UnitofMeasure	DTYPE_TEXT	30	N	
Validation	Validation	DTYPE_TEXT	250	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	

## Siebel Configurable Product

The Siebel Configurable Product ASI defines the structure of a product assembly, which might consist of other products or subassemblies. This ASI allows the customer to select a base configurable product and choose between different lists of options. The Cfg CO Versions component keeps track of the different versions of the configurable product. The Cfg CO Ports component defines the structure of the configurable product, which can describe both the relationships and the domain of those relationships. It is an inbound ASI that enables the creation of a configurable product in the Siebel application.

Figure 16 describes the Siebel Configurable Product ASI structure.

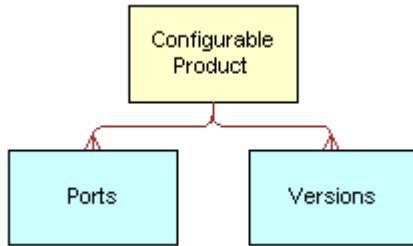


Figure 16. Siebel Configurable Product ASI

Table 23 lists the integration components and user keys of this ASI.

Table 23. Siebel Configurable Product Integration Components

Integration Component	XML Tag	User Keys
Complex Object EI	ConfigurableProduct	1 Id
Cfg CO Ports	Ports	1 Id 2 First Version, Last Version, Orig Id
Cfg CO Versions	Versions	1 Id 2 Configurable Product Id, Version

Table 24 lists the fields and their attributes. Fields without a length specified do not have a maximum length associated with them.

Table 24. Siebel Configurable Product ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
<b>Complex Object EI</b>					
Id	Id	DTYPE_ID	30	N	User key field.
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Cfg CO Ports</b>					
Class Id	ClassId	DTYPE_ID		N	
Configurable Product Id	ConfigurableProductId	DTYPE_ID		N	
Default Quantity	DefaultQuantity	DTYPE_NUMBER		N	

Table 24. Siebel Configurable Product ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
First Version	FirstVersion	DTYPE_NUMBER		N	User key field.
Id	Id	DTYPE_ID	30	N	User key field.
Item Type CD	ItemTypeCD	DTYPE_TEXT	30	N	
Last Version	LastVersion	DTYPE_NUMBER		N	User key field.
Max Qty	MaxQty	DTYPE_NUMBER		N	
Min Qty	MinQty	DTYPE_NUMBER		N	
Orig Id	OrigId	DTYPE_ID		N	User key field.
Product Id	ProductId	DTYPE_ID		N	
Relationship Name	RelationshipName	DTYPE_TEXT	100	N	
Relationship Type	RelationshipType	DTYPE_TEXT	30	N	
Sequence	Sequence	DTYPE_NUMBER		N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Cfg CO Versions</b>					
Configurable Product Id	ConfigurableProductId	DTYPE_ID		N	User key field.
Id	Id	DTYPE_ID	30	N	User key field.
Is Latest Flag	IsLatestFlag	DTYPE_TEXT		N	
Released Flag	ReleasedFlag	DTYPE_TEXT		N	
Version	Version	DTYPE_NUMBER		N	User key field.
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	

# Siebel Contact

The Siebel Contact ASI is an ASI for customer information management-related business processes. This ASI facilitates inbound and outbound contact data synchronization between a Siebel application and any external system. [Figure 17](#) describes the Siebel Contact ASI structure.

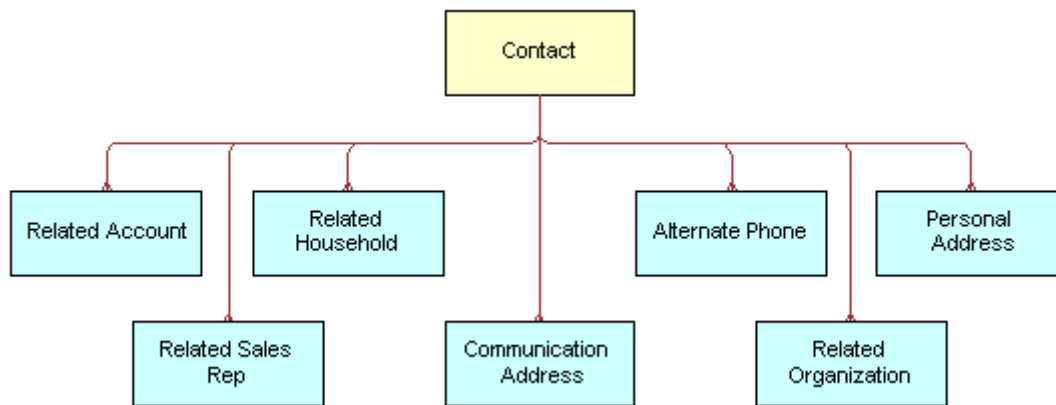


Figure 17. Siebel Contact ASI

[Table 25](#) lists the integration component and user keys of this ASI.

Table 25. Siebel Contact Integration Components

Integration Component	XML Tag	User Keys
Contact	Contact	<ol style="list-style-type: none"> <li>1 Contact ID</li> <li>2 Integration ID</li> <li>3 Person UId</li> </ol>
Related Account	RelatedAccount	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Account, Account Organization</li> </ol>
Personal Address	PersonalAddress	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> </ol>
Communication Address	CommunicationAddress	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Alternate Email Address, Communication Address Medium Type, Communication Address Name</li> </ol>

Table 25. Siebel Contact Integration Components

Integration Component	XML Tag	User Keys
Alternate Phone	AlternatePhone	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Alternate Phone #, Alternate Phone Medium Type, Alternate Phone Name
Related Households	RelatedHouseholds	<b>1</b> Id <b>2</b> Integration Id
Related Organization	RelatedOrganization	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Organization
Related Sales Rep	RelatedSalesRep	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Division, Position <b>4</b> Login

Table 26 lists the fields and their attributes.

Table 26. Siebel Contact ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
<b>Contact</b>					
Alias	Alias	DTYPE_TEXT	50	N	
Assistant	Assistant	DTYPE_TEXT	50	N	
Birth Date	BirthDate	DTYPE_DATETIME	7	N	
Cellular Phone #	CellularPhone	DTYPE_TEXT		N	
Comment	Comment	DTYPE_TEXT	255	N	Added for UAN 4.0.
Disable Data Cleansing	DisableDataCleansing	DTYPE_TEXT		N	
Email Address	EmailAddress	DTYPE_TEXT	50	N	
Fax Phone #	FaxPhone	DTYPE_TEXT		N	
First Name	FirstName	DTYPE_TEXT	50	N	

Table 26. Siebel Contact ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Gender	Gender	DTYPE_TEXT	255	N	
Home Phone #	HomePhone	DTYPE_TEXT		N	
Id	Id	DTYPE_ID	30	N	
Income	Income	DTYPE_TEXT		N	
Income Currency Code	IncomeCurrencyCode	DTYPE_TEXT	20	N	
Income Exchange Date	IncomeExchangeDate	DTYPE_DATETIME		N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	User key field.
Job Title	JobTitle	DTYPE_TEXT	75	N	
Last Name	LastName	DTYPE_TEXT	50	N	
Manager First Name	ManagerFirstName	DTYPE_TEXT	50	N	
Manager Id	ManagerId	DTYPE_ID	15	N	
Manager Integration Id	ManagerIntegrationId	DTYPE_TEXT	30	N	
Manager Last Name	ManagerLastName	DTYPE_TEXT	50	N	
Manager Middle Name	ManagerMiddleName	DTYPE_TEXT	50	N	
Manager Primary Organization	ManagerPrimaryOrganization	DTYPE_TEXT	100	N	
Manager UId	ManagerUId	DTYPE_TEXT	100	N	
Middle Name	MiddleName	DTYPE_TEXT	50	N	
operation	operation	DTYPE_TEXT	30	N	
Person UId	PersonUId	DTYPE_TEXT	100	N	
Personal Title	PersonalTitle	DTYPE_TEXT	15	N	
Preferred Communications	PreferredCommunications	DTYPE_TEXT	30	N	
Preferred Language Code	PreferredLanguageCode	DTYPE_TEXT	3	N	
Primary Address Id	PrimaryAddressId	DTYPE_ID		N	

Table 26. Siebel Contact ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Social Security Number	SocialSecurityNumber	DTYPE_TEXT		N	
Status	Status	DTYPE_TEXT	30	N	Bound by CONTACT_STATU S LOV.
Suppress All Calls	SuppressAllCalls	DTYPE_TEXT	1	N	
Suppress All Emails	SuppressAllEmails	DTYPE_TEXT	1	N	
Suppress All Faxes	SuppressAllFaxes	DTYPE_TEXT		N	Added for UAN 4.0.
Suppress All Mailings	SuppressAllMailings	DTYPE_TEXT	1	N	
Time Zone Id	TimeZoneId	DTYPE_ID		N	
Time Zone Name	TimeZoneName	DTYPE_TEXT	100	N	
Work Phone #	WorkPhone	DTYPE_TEXT		N	
Work Phone Extension	WorkPhoneExtension	DTYPE_TEXT	10	N	
<b>Personal Address</b>					
Id	Id	DTYPE_ID	30	N	UAN3.0
Integration Id	IntegrationId	DTYPE_TEXT	30	N	UAN3.0
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	UAN3.0
operation	operation	DTYPE_TEXT	30	N	UAN3.0
Personal City	PersonalCity	DTYPE_TEXT	50	N	UAN3.0
Personal Country	PersonalCountry	DTYPE_TEXT	50	N	UAN3.0
Personal Postal Code	PersonalPostalCode	DTYPE_TEXT	30	N	UAN3.0
Personal State	PersonalState	DTYPE_TEXT	10	N	UAN3.0
Personal Street Address	PersonalStreetAddress	DTYPE_TEXT	200	N	UAN3.0
Personal Street Address 2	PersonalStreetAddress2	DTYPE_TEXT	100	N	UAN3.0
searchspec	searchspec	DTYPE_TEXT	250	N	UAN3.0

Table 26. Siebel Contact ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
<b>Communication Address</b>					
Alternate Email Address	AlternateEmailAddresses	DTYPE_TEXT	100	N	
Communication Address Medium Type	CommunicationAddressMediumType	DTYPE_TEXT	30	N	
Communication Address Name	CommunicationAddressName	DTYPE_TEXT	50	N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Alternate Phone</b>					
Alternate Phone #	AlternatePhone	DTYPE_TEXT	100	N	
Alternate Phone Medium Type	AlternatePhoneMediumType	DTYPE_TEXT	30	N	
Alternate Phone Name	AlternatePhoneNumber	DTYPE_TEXT	50	N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Related Account</b>					
Account	Account	DTYPE_TEXT	100	N	
Account Location	AccountLocation	DTYPE_TEXT	50	N	
Account Organization	AccountOrganization	DTYPE_TEXT	100	N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	



Table 26. Siebel Contact ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Related Households</b>					
HouseHold Name	HouseHoldName	DTYPE_TEXT	50	N	
Household Number	HouseholdNumber	DTYPE_TEXT	100	N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Related Organization</b>					
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Organization	Organization	DTYPE_TEXT	50	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Related Sales Rep</b>					
Division	Division	DTYPE_TEXT	255	N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Login	Login	DTYPE_TEXT	50	N	
operation	operation	DTYPE_TEXT	30	N	
Position	Position	DTYPE_TEXT	50	N	
searchspec	searchspec	DTYPE_TEXT	250	N	

## Siebel CUT Address MSAG Service

The Siebel CUT Address MSAG Service ASI is an ASI for address validation business processes. This ASI facilitates inbound and outbound address data synchronization between a Siebel application and any external system. [Figure 18](#) describes the Siebel CUT Address MSAG Service ASI structure.



Figure 18. Siebel CUT Address MSAG Service ASI

[Table 27](#) lists the integration component and user keys of this ASI.

Table 27. Siebel CUT Address MSAG Service Integration Components

Integration Component	XML Tag	User Keys
CUT MSAG Profile	CutMsagProfile	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Address Id, Profile Type</li> </ol>

[Table 28](#) lists the fields and their attributes.

Table 28. Siebel CUT Address MSAG Service ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>CUT MSAG Profile</b>				
Address Id	AddressId	DTYPE_ID		N
Conflict Id	ConflictId	DTYPE_ID	30	N
Created	Created	DTYPE_DATETIME	30	N
Id	Id	DTYPE_ID	30	N
Internal Validation Flag	InternalValidationFlag	DTYPE_TEXT		
Mod Id	ModId	DTYPE_ID	30	N
Profile Type	ProfileType	DTYPE_TEXT	30	N
SA Access Instruction	SAAccessInstruction	DTYPE_TEXT	255	N
SA City	SACity	DTYPE_TEXT	50	N
SA Country	SACountry	DTYPE_TEXT	50	N

Table 28. Siebel CUT Address MSAG Service ASI Fields

Name	XML Tag	Data Type	Length	Required
SA County	SACounty	DTYPE_TEXT	50	N
SA Descriptive Location	SADescriptiveLocation	DTYPE_TEXT	30	N
SA Directional	SADirectional	DTYPE_TEXT	10	N
SA Driving Instructions	SADrivingInstruction	DTYPE_NOTE		N
SA House Number	SAHouseNumber	DTYPE_TEXT	8	N
SA House Prefix	SAHousePrefix	DTYPE_TEXT	5	N
SA House Suffix	SAHouseSuffix	DTYPE_TEXT	5	N
SA Location Designator 1	SALocationDesignator1	DTYPE_TEXT	50	N
SA Location Designator 2	SALocationDesignator2	DTYPE_TEXT	50	N
SA Location Designator 3	SALocationDesignator3	DTYPE_TEXT	50	N
SA Location Value 1	SALocationValue1	DTYPE_TEXT	50	N
SA Location Value 2	SALocationValue2	DTYPE_TEXT	50	N
SA Location Value 3	SALocationValue3	DTYPE_TEXT	50	N
SA State	SASState	DTYPE_TEXT	10	N
SA Street Name	SASStreetName	DTYPE_TEXT	50	N
SA Street Suffix	SASStreetSuffix	DTYPE_TEXT	4	N
SA Thoroughfare	SAThoroughfare	DTYPE_TEXT	20	N
SA Zipcode	SAZipcode	DTYPE_TEXT	30	N
Updated	Updated	DTYPE_DATETIME	30	N
operation	operation	DTYPE_TEXT	30	N
searchspec	searchspec	DTYPE_TEXT	250	N

## Siebel Cost List

Standard product costs that exist in external systems are created in the Siebel application based on the costs existing in the external manufacturing and accounting systems. The initial cost types include standard costs, base costs, and the variable costs for a given product.

This inbound ASI enables the synchronization and update of a cost list and the cost list items. [Figure 19](#) describes the Siebel Cost List ASI structure.

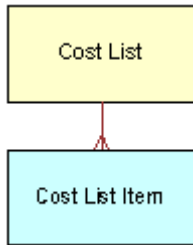


Figure 19. Siebel Cost List ASI

[Table 29](#) lists the integration components and user keys of this ASI.

Table 29. Siebel Cost List Integration Components

Integration Component	XML Tag	User Keys
Cost List	CostList	<ol style="list-style-type: none"> <li>1 Name, Type</li> <li>2 Id</li> <li>3 Integration Id</li> </ol>
Cost List Item	CostListItem	<ol style="list-style-type: none"> <li>1 Product Id</li> <li>2 Id</li> <li>3 Integration Id</li> </ol>

[Table 30](#) lists the fields and their attributes. Fields without a length specified do not have a maximum length associated with them.

Table 30. Siebel Cost List ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
<b>Cost List</b>					
Cost Method	CostMethod	DTYPE_TEXT	30	N	
Currency Code	CurrencyCode	DTYPE_TEXT	20	N	
Description	Description	DTYPE_TEXT	255	N	
End Date	EndDate	DTYPE_TEXT		N	

Table 30. Siebel Cost List ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Id	Id	DTYPE_ID	30	N	Used for picking a related entity. This read-only field is automatically populated by the Siebel application on insertion and cannot be updated.
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Name	Name	DTYPE_TEXT	50	N	User key field.
Start Date	StartDate	DTYPE_TEXT		N	
Type	Type	DTYPE_TEXT	30	N	User key field.
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Cost List Item</b>					
Average Cost	AverageCost	DTYPE_TEXT		N	
Currency Code	CurrencyCode	DTYPE_TEXT	20	N	
Description	Description	DTYPE_TEXT	255	N	
End Date	EndDate	DTYPE_TEXT		N	
Ext OT Pct Increase	ExtOTPctIncrease	DTYPE_NUMBER		N	
Id	Id	DTYPE_ID	30	N	<ul style="list-style-type: none"> <li>■ Used for picking a related entity. This read-only field is automatically populated by the Siebel application on insertion and cannot be updated.</li> <li>■ User key field.</li> </ul>
Integration Id	IntegrationId	DTYPE_TEXT	30	N	User key field.
Last Cost	LastCost	DTYPE_TEXT		N	
Next Cost	NextCost	DTYPE_TEXT		N	

Table 30. Siebel Cost List ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Product Id	ProductId	DTYPE_ID		N	<ul style="list-style-type: none"> <li>■ Used for picking a related entity. This read-only field is automatically populated by the Siebel application on insertion and cannot be updated.</li> <li>■ User key field.</li> </ul>
Standard Cost	StandardCost	DTYPE_TEXT		N	
Start Date	StartDate	DTYPE_TEXT		N	
Std OT Pct Increase	StdOTPctIncrease	DTYPE_NUMBER		N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	

# Siebel Employee

The Siebel Employee ASI is an ASI for employee-related business processes. The Employee Integration Object enables inbound and outbound data integration between Siebel applications and third-party applications that process employee data. This can include employee core data, job-related data, responsibilities, position, or resume data. The integration business services are included to perform the basic Create, Update, Delete, and Query functions on Employee objects in the Siebel application. [Figure 20](#) shows the Siebel Employee ASI structure.

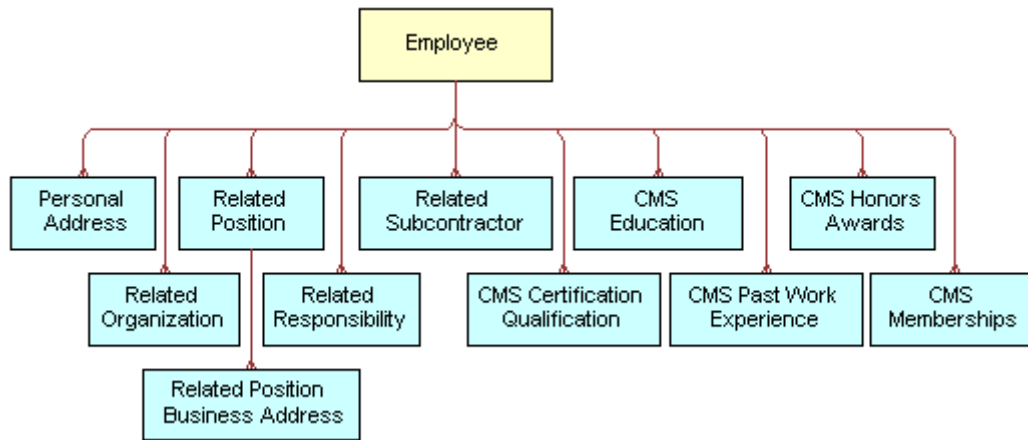


Figure 20. Siebel Employee ASI

[Table 31](#) lists the Siebel Employee integration components.

Table 31. Siebel Employee Integration Components

Integration Component	XML Tag	User Keys
CMS Certifications Qualifications	CmsCertificationsQualifications	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Certification
CMS Education	CmsEducation	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Education
CMS Employee Competency Administration	CmsEmployeeCompetencyAdministration	<b>1</b> Competency Id <b>2</b> Employee Id
CMS Honors Awards	CmsHonorsAwards	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Honor Award

Table 31. Siebel Employee Integration Components

Integration Component	XML Tag	User Keys
CMS Memberships	CmsMemberships	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Membership</li> </ol>
CMS Past Work Experience	CmsPastWorkExperience	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Company Name</li> </ol>
Employee	Employee	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Login Domain, Login Name</li> <li>4 Login Name</li> <li>5 First Name, Last Name, Middle Name</li> </ol>
Employee_Employee Organization	EmployeeEmployeeOrganization	<ol style="list-style-type: none"> <li>1 Employee Organization Id</li> <li>2 Employee Organization Integration Id</li> <li>3 Employee Organization</li> </ol>
Employee_Personal Address	EmployeePersonalAddress	<ol style="list-style-type: none"> <li>1 Personal Address Id</li> <li>2 Personal Address Integration Id</li> </ol>
Employee_Position	EmployeePosition	<ol style="list-style-type: none"> <li>1 Position Id</li> <li>2 Position Integration Id</li> <li>3 Division, Position</li> </ol>
Employee_Subcontractor	EmployeeSubcontractor	<ol style="list-style-type: none"> <li>1 Subcontractor Account Id</li> <li>2 Subcontractor Integration Id</li> <li>3 Subcontractor Name</li> </ol>
Employee_Responsibility	EmployeeResponsibility	<ol style="list-style-type: none"> <li>1 Responsibility Id</li> <li>2 Responsibility Integration Id</li> <li>3 Responsibility</li> </ol>



Table 31. Siebel Employee Integration Components

Integration Component	XML Tag	User Keys
Personal Address	PersonalAddress	<b>1</b> Personal Address Id <b>2</b> Personal Address Integration Id
Related Employee Organization	RelatedEmployeeOrganization	<b>1</b> Employee Organization Id <b>2</b> Employee Organization Integration Id <b>3</b> Employee Organization
Related Position	RelatedPosition	<b>1</b> Position Id <b>2</b> Position Integration Id <b>3</b> Division, Position
Related Position Business Address	RelatedPositionBusinessAddress	<b>1</b> Address Id
Related Responsibility	RelatedResponsibility	<b>1</b> Responsibility Id <b>2</b> Responsibility Integration Id <b>3</b> Responsibility
Related Subcontractor	RelatedSubcontractor	<b>1</b> Subcontractor Account Id <b>2</b> Subcontractor Integration Id <b>3</b> Subcontractor Name

Table 32 lists the fields and their attributes.

Table 32. Siebel Employee ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
<b>CMS Certifications Qualifications</b>					
Certification	Certification	DTYPE_TEXT	30	N	
Comments	Comments	DTYPE_TEXT	250	N	
Date of Certification	DateofCertification	DTYPE_TEXT		N	
Id	Id	DTYPE_ID	30	N	
Institution	Institution	DTYPE_TEXT	30	N	

Table 32. Siebel Employee ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
operation	operation	DTYPE_TEXT	30	N	
<b>CMS Education</b>					
Comments	Comments	DTYPE_TEXT	250	N	
Country	Country	DTYPE_TEXT	30	N	
Degree	Degree	DTYPE_TEXT	30	N	
Education	Education	DTYPE_TEXT	30	N	
Grade	Grade	DTYPE_TEXT	30	N	
Graduation Date	GraduationDate	DTYPE_TEXT		N	
Id	Id	DTYPE_ID	30	N	
Institution	Institution	DTYPE_TEXT	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Major	Major	DTYPE_TEXT	30	N	
Number of Years	NumberofYears	DTYPE_NUMBER		N	
Scale	Scale	DTYPE_TEXT	30	N	
Type of Education	TypeofEducation	DTYPE_TEXT	30	N	
operation	operation	DTYPE_TEXT	30	N	
<b>CMS Employee Competency Administration</b>					
Competency Id	CompetencyId	DTYPE_ID		N	
Skill Name	SkillName	DTYPE_TEXT	50	N	
Current Skill Level	CurrentSkillLevel	DTYPE_TEXT	100	N	
Current Skill Level Id	CurrentSkillLevelId	DTYPE_ID		N	
Current Skill Level Value	CurrentSkillLevelValue	DTYPE_NUMBER		N	
Date of Accomplishment	DateOfAccomplishment	DTYPE_DATE TIME		N	
Employee Id	EmployeeId	DTYPE_ID		N	
Id	Id	DTYPE_ID	30	N	

Table 32. Siebel Employee ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Required Skill Level Value	RequiredSkillLevelValue	DTYPE_NUMBER		N	
Required Skill Level Id	RequiredSkillLevel Id	DTYPE_ID		N	
Parent Skill	ParentSkill	DTYPE_TEXT	50	N	
Rating Scale Id	RatingScaleId	DTYPE_ID		N	
Required Skill Level	Required Skill Level	DTYPE_TEXT	100	N	
operation	operation	DTYPE_TEXT	30	N	
Updated	Updated	DTYPE_DATE TIME	30	N	
Status	Status	DTYPE_TEXT	30	N	
Skill Gap	SkillGap	DTYPE_NUMBER		N	
Skill Description	SkillDescription	DTYPE_TEXT	250	N	
Root Category Id	RootCategoryId	DTYPE_ID		N	
Root Category	RootCategory	DTYPE_TEXT	50	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
Manager Comments	ManagerComents	DTYPE_TEXT	2000	N	
Employee Comments	EmployeeComments	DTYPE_TEXT	2000	N	
Delete Record Flag	DeleteRecordFlag	DTYPE_TEXT		N	
Criticality	Criticality	DTYPE_TEXT	30	N	
Created	Created	DTYPE_DATE TIME	30	N	
Conflict Id	ConflictId	DTYPE_ID	30	N	
Category Id	CategoryId	DTYPE_ID		N	
Assessment Type	AssessmentType	DTYPE_TEXT	30	N	
Approved By Id	ApprovedById	DTYPE_ID		N	
Mod Id	ModId	DTYPE_ID	30	N	

**CMS Honors Awards**

Comments	Comments	DTYPE_TEXT	250	N	
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Table 32. Siebel Employee ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Honor Award	HonorAward	DTYPE_TEXT	30	N	
Id	Id	DTYPE_ID	30	N	
Institution	Institution	DTYPE_TEXT	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Received Date	ReceivedDate	DTYPE_TEXT		N	
Relevance to Company	RelevancetoCompany	DTYPE_TEXT	30	N	
operation	operation	DTYPE_TEXT	30	N	
<b>CMS Memberships</b>					
Active Status	ActiveStatus	DTYPE_TEXT		N	
Comments	Comments	DTYPE_TEXT	250	N	
End Date	EndDate	DTYPE_TEXT		N	
Id	Id	DTYPE_ID	30	N	
Institution	Institution	DTYPE_TEXT	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Membership	Membership	DTYPE_TEXT	30	N	
Relevance to Company	RelevancetoCompany	DTYPE_TEXT	30	N	
Start Date	StartDate	DTYPE_TEXT		N	
operation	operation	DTYPE_TEXT	30	N	
<b>CMS Past Work Experience</b>					
Business Title	BusinessTitle	DTYPE_TEXT	50	N	
Business Unit	BusinessUnit	DTYPE_TEXT	30	N	
Comments	Comments	DTYPE_TEXT	250	N	
Company Name	CompanyName	DTYPE_TEXT	30	N	
End Date	EndDate	DTYPE_TEXT		N	
First Name	FirstName	DTYPE_TEXT	50	N	
Id	Id	DTYPE_ID	30	N	
Industry	Industry	DTYPE_ID		N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Last Name	LastName	DTYPE_TEXT	50	N	

Table 32. Siebel Employee ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Position	Position	DTYPE_TEXT	50	N	
Start Date	StartDate	DTYPE_TEXT		N	
operation	operation	DTYPE_TEXT	30	N	
<b>Employee</b>					
Alias	Alias	DTYPE_TEXT	50	N	
Availability Status	AvailabilityStatus	DTYPE_TEXT	30	N	
Availability Status Until	AvailabilityStatusUntil	DTYPE_TEXT		N	
Bonus Target %	BonusTarget	DTYPE_NUMBER		N	
Building Number	BuildingNumber	DTYPE_TEXT	30	N	
CP Region	CPRegion	DTYPE_TEXT	50	N	
CP Region Id	CPRegionId	DTYPE_ID		N	
CP Region Integration Id	CPRegionIntegrationId	DTYPE_TEXT	30	N	
Cell Phone #	CellPhone	DTYPE_TEXT		N	
Cost Currency Code	CostCurrencyCode	DTYPE_TEXT	30	N	
Cost Per Hour	CostPerHour	DTYPE_TEXT		N	
Cubicle Number	CubicleNumber	DTYPE_TEXT	20	N	
E-Mail Addr	EMailAddr	DTYPE_TEXT	50	N	
Emergency Notification	EmergencyNotification	DTYPE_TEXT	30	N	
Emp #	Emp	DTYPE_TEXT	30	N	
Employee Flag	EmployeeFlag	DTYPE_TEXT		N	
Employee Type Code	EmployeeTypeCode	DTYPE_TEXT	30	N	
Employment Status	EmploymentStatus	DTYPE_TEXT	30	N	
End Shift to	EndShiftto	DTYPE_TEXT	30	N	
Fax #	Fax	DTYPE_TEXT		N	
First Name	FirstName	DTYPE_TEXT	50	N	

Table 32. Siebel Employee ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Hire Date	HireDate	DTYPE_DATE TIME		N	
Home Phone #	HomePhone	DTYPE_TEXT		N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Job Code Id	JobCodeId	DTYPE_ID		N	
Job Code Integration Id	JobCodeIntegrationId	DTYPE_TEXT	30	N	
Job Code Name	JobCodeName	DTYPE_TEXT	30	N	
Job Title	JobTitle	DTYPE_TEXT	75	N	
Last Name	LastName	DTYPE_TEXT	50	N	
Last Promotion Date	LastPromotionDate	DTYPE_DATE TIME		N	
License Plate Number	LicensePlateNumber	DTYPE_TEXT	50	N	
Login Domain	LoginDomain	DTYPE_TEXT	50	N	
Login Name	LoginName	DTYPE_TEXT	50	N	
M/F	MF	DTYPE_TEXT	1	N	
Maiden Name	MaidenName	DTYPE_TEXT	50	N	
Middle Name	MiddleName	DTYPE_TEXT	50	N	
Next Annual Review Date	NextAnnualReviewDate	DTYPE_DATE TIME		N	
Next Availability Status	NextAvailabilityStatus	DTYPE_TEXT	30	N	
Nick Name	NickName	DTYPE_TEXT	50	N	
Overtime Code	OvertimeCode	DTYPE_TEXT	30	N	
Pager PIN	PagerPIN	DTYPE_TEXT	10	N	
Pager Phone #	PagerPhone	DTYPE_TEXT		N	
Pager Type	PagerType	DTYPE_TEXT	30	N	
Personal Title	PersonalTitle	DTYPE_TEXT	15	N	
Phone #	Phone	DTYPE_TEXT		N	
Preferred Communications	PreferredCommunication s	DTYPE_TEXT	30	N	

Table 32. Siebel Employee ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Private	Private	DTYPE_TEXT		N	
Readiness	Readiness	DTYPE_TEXT	30	N	
Seniority Date	SeniorityDate	DTYPE_TEXT		N	
Share Address Flag	ShareAddressFlag	DTYPE_TEXT		N	
Share Home Phone Flag	ShareHomePhoneFlag	DTYPE_TEXT		N	
Shift Id	ShiftId	DTYPE_ID		N	
Shift Integration Id	ShiftIntegrationId	DTYPE_TEXT	30	N	
Shift Name	ShiftName	DTYPE_TEXT	100	N	
Standard Notification	StandardNotification	DTYPE_TEXT	30	N	
Start Shift From	StartShiftFrom	DTYPE_TEXT	30	N	
Subcontractor Flag	SubcontractorFlag	DTYPE_TEXT		N	
Termination Date	TerminationDate	DTYPE_DATE TIME		N	
Time Zone Id	TimeZoneId	DTYPE_ID		N	
Time Zone Name	TimeZoneName	DTYPE_TEXT	100	N	
operation	operation	DTYPE_TEXT	30	N	
<b>Employee_Employee Organization</b>					
Employee Organization	EmployeeOrganization	DTYPE_TEXT	50	N	
Employee Organization Id	EmployeeOrganizationId	DTYPE_ID	30	N	
Employee Organization Integration Id	EmployeeOrganizationIntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMvg	DTYPE_TEXT	1	N	
<b>Employee_Personal Address</b>					
IsPrimaryMVG	IsPrimaryMvg	DTYPE_TEXT	1	N	
Personal Address Id	PersonalAddressId	DTYPE_ID	30	N	

Table 32. Siebel Employee ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Personal Address Integration Id	PersonalAddressIntegrationId	DTYPE_TEXT	30	N	
Personal City	PersonalCity	DTYPE_TEXT	50	N	
Personal Country	PersonalCountry	DTYPE_TEXT	50	N	
Personal County	PersonalCounty	DTYPE_TEXT	50	N	
Personal Postal Code	PersonalPostalCode	DTYPE_TEXT	30	N	
Personal Province	PersonalProvince	DTYPE_TEXT	50	N	
Personal State	PersonalState	DTYPE_TEXT	10	N	
Personal Street Address	PersonalStreetAddress	DTYPE_TEXT	200	N	
Personal Street Address 2	PersonalStreetAddress2	DTYPE_TEXT	100	N	
operation	operation	DTYPE_TEXT	30	N	
<b>Employee_Position</b>					
Division	Division	DTYPE_TEXT	255	N	
Division Id	DivisionId	DTYPE_ID		N	
Division Integration Id	DivisionIntegrationId	DTYPE_TEXT	30	N	
Employee End Date	EmployeeEndDate	DTYPE_DATE TIME		N	
Employee Start Date	EmployeeStartDate	DTYPE_DATE TIME		N	
IsPrimaryMVG	IsPrimaryMvg	DTYPE_TEXT	1	N	
Position	Position	DTYPE_TEXT	50	N	
Position Id	PositionId	DTYPE_ID	30	N	
Position Integration Id	PositionIntegrationId	DTYPE_TEXT	30	N	
<b>Employee_Responsibility</b>					
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Responsibility	Responsibility	DTYPE_TEXT	50	N	
Responsibility Id	ResponsibilityId	DTYPE_ID	30	N	



Table 32. Siebel Employee ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Responsibility Integration Id	ResponsibilityIntegrationId	DTYPE_TEXT	30	N	
<b>Employee_Subcontractor</b>					
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Subcontractor Account Id	SubcontractorAccountId	DTYPE_ID	30	N	
Subcontractor Integration Id	SubcontractorIntegrationId	DTYPE_TEXT	30	N	
Subcontractor Name	Subcontractor Name	DTYPE_TEXT	100	N	
<b>Personal Address</b>					
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Personal Address Id	PersonalAddressId	DTYPE_ID	30	N	
Personal Address Integration Id	PersonalAddressIntegrationId	DTYPE_TEXT	30	N	
Personal City	PersonalCity	DTYPE_TEXT	50	N	
Personal Country	PersonalCountry	DTYPE_TEXT	50	N	
Personal County	PersonalCounty	DTYPE_TEXT	50	N	
Personal Postal Code	PersonalPostalCode	DTYPE_TEXT	30	N	
Personal Province	PersonalProvince	DTYPE_TEXT	50	N	
Personal State	PersonalState	DTYPE_TEXT	10	N	
Personal Street Address	PersonalStreetAddress	DTYPE_TEXT	200	N	
Personal Street Address 2	PersonalStreetAddress2	DTYPE_TEXT	100	N	
operation	operation	DTYPE_TEXT	30	N	
<b>Related Employee Organization</b>					
Employee Organization	EmployeeOrganization	DTYPE_TEXT	50	N	
Employee Organization Id	EmployeeOrganizationId	DTYPE_ID	30	N	

Table 32. Siebel Employee ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Employee Organization Integration Id	EmployeeOrganizationIntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
<b>Related Position</b>					
Division	Division	DTYPE_TEXT	255	N	
Division Id	DivisionId	DTYPE_ID		N	
Division Integration Id	DivisionIntegrationId	DTYPE_TEXT	30	N	
Employee End Date	EmployeeEndDate	DTYPE_DATE TIME		N	
Employee Start Date	EmployeeStartDate	DTYPE_DATE TIME		N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Position	Position	DTYPE_TEXT	50	N	
Position Id	PositionId	DTYPE_ID	30	N	
Position Integration Id	PositionIntegrationId	DTYPE_TEXT	30	N	
<b>Related Position Business Address</b>					
Address Id	AddressId	DTYPE_ID	30	N	Added for UAN 3.0
Address Integration Id	AddressIntegrationId	DTYPE_TEXT	30	N	Added for UAN 3.0
Address Name	AddressName	DTYPE_TEXT	100	N	Added for UAN 3.0
City	City	DTYPE_TEXT	50	N	Added for UAN 3.0
Country	Country	DTYPE_TEXT	30	N	Added for UAN 3.0
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	Added for UAN 3.0
Postal Code	PostalCode	DTYPE_TEXT	30	N	Added for UAN 3.0
State	State	DTYPE_TEXT	10	N	Added for UAN 3.0
Street Address	StreetAddress	DTYPE_TEXT	200	N	Added for UAN 3.0
<b>Related Responsibility</b>					
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Responsibility	Responsibility	DTYPE_TEXT	50	N	
Responsibility Id	ResponsibilityId	DTYPE_ID	30	N	

Table 32. Siebel Employee ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Responsibility Integration Id	ResponsibilityIntegrationId	DTYPE_TEXT	30	N	
<b>Related Subcontractor</b>					
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Subcontractor Account Id	SubcontractorAccountId	DTYPE_ID	30	N	
Subcontractor Integration Id	SubcontractorIntegrationId	DTYPE_TEXT	30	N	
Subcontractor Name	SubcontractorName	DTYPE_TEXT	100	N	

## Siebel Forecast

The Siebel Forecast ASI consists of internal and external integration objects and a business service. This ASI facilitates the outbound data synchronization between the Siebel application and an external back-office system. This ASI is used by the Export Forecast business process, which queries the Siebel application for data on a given forecast and returns the data to a back-office system.

Figure 21 describes the Siebel Forecast ASI structure.

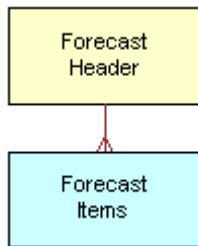


Figure 21. Siebel Forecast ASI

Table 33 lists the integration components and user keys of the Siebel Forecast ASI.

Table 33. Siebel Forecast Integration Components

Integration Component	XML Tag	User Keys
Forecast	Forecast	<b>1</b> Forecast Number
Forecast Item Detail Flat	ForecastItemDetailFlat	<b>1</b> Detail Date <b>2</b> Forecast Item Id <b>3</b> Owner Forecast Id

Table 34 lists the fields and their attributes. Fields without a length specified do not have a maximum length associated with them.

Table 34. Siebel Forecast ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>Forecast</b>				
Archive Timestamp	ArchiveTimestamp	DTYPE_TEXT		N
Created By Login	CreatedByLogin	DTYPE_TEXT	50	N
Forecast Base Period Type	ForecastBasePeriodType	DTYPE_TEXT	30	N
Forecast Date	ForecastDate	DTYPE_TEXT		N
Forecast End Date	ForecastEndDate	DTYPE_TEXT		N
Forecast Id	ForecastId	DTYPE_ID	15	N
Forecast Name	ForecastSeriesName	DTYPE_TEXT	20	N
Forecast Number	ForecastNumber	DTYPE_TEXT	30	N
Forecast Start Date	ForecastStartDate	DTYPE_TEXT		N
operation	operation	DTYPE_TEXT	30	N
Owner Organization Id	OwnerOrganizationId	DTYPE_ID	15	N
Owner Position Id	OwnerPositionId	DTYPE_ID	15	N
<b>Forecast Item Detail Flat</b>				
Account Id	AccountId	DTYPE_ID	15	N
Amount Revenue	Revenue	DTYPE_TEXT		N
Best Case	BestCase	DTYPE_TEXT		N
Commit Flag	CommitFlag	DTYPE_TEXT	1	N
Cost	Cost	DTYPE_TEXT		N
Currency	CurrencyCode	DTYPE_TEXT		N
Detail Date	DetailDate	DTYPE_TEXT		N
DUNS Number	DUNSNumber	DTYPE_TEXT	15	N
Forecast Id	ForecastId	DTYPE_ID	15	N
Forecast Item Id	ForecastItemId	DTYPE_ID	15	N
Id	Id	DTYPE_ID	15	N
Link Type	LinkType	DTYPE_TEXT	30	N
operation	operation	DTYPE_TEXT	30	N
Opportunity Id	OpportunityId	DTYPE_ID	15	N

Table 34. Siebel Forecast ASI Fields

Name	XML Tag	Data Type	Length	Required
Organization Id	OrganizationId	DTYPE_ID	15	N
Owner Forecast Id	OwnerForecastId	DTYPE_ID	15	N
Primary Product Line Id	ProductLineId	DTYPE_ID	15	N
Product Id	ProductId	DTYPE_ID	15	N
Product Price	ProductPrice	DTYPE_TEXT		N
Product Quantity	ProductQuantity	DTYPE_TEXT		N
Sales Rep Id	SalesRepPositionId	DTYPE_ID	15	N
Service Request Id	ServiceRequestId	DTYPE_ID	15	N
Unit of Measure	UnitOfMeasure	DTYPE_TEXT	30	N
Worst Case	WorstCase	DTYPE_TEXT		N

## Siebel Invoice

The Siebel Invoice ASI enables the implementation of replication of invoices from back-office accounting systems to the Siebel application, which allows sales professionals, call center agents, partners, as well as the customer, to access invoice information in the Siebel application for related inquiries. A typical process involves the creation of the invoice in the back-end system after the fulfillment of an order, which is then followed by the replication of this invoice (as well as all of its updates) in the front-end systems. The Siebel Invoice ASI enables the creation, update, deletion and queries of invoice information for inbound and outbound directions in Siebel applications.

Figure 22 describes the structure of the Siebel Invoice ASI.

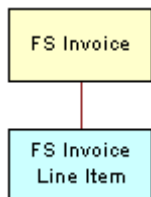


Figure 22. Siebel Invoice ASI

Table 35 lists the integration components of this ASI.

Table 35. Siebel Invoice Integration Components

Integration Component	XML Tag	User Keys
FS Invoice (primary)	Invoice	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Document Type, Document Number</li> </ol>
FS Invoice Line Items	FSInvoiceLineItems	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Line Number</li> </ol>

The Siebel Invoice ASI uses the same user keys as the FS Invoice integration component. You can use the fields for the integration, which means that values for each of these fields may be written to an XML file for transport. Table 36 lists the fields and their attributes.

Table 36. Siebel Invoice ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
<b>FS Invoice</b>					
Account Id	AccountId	DTYPE_ID	15		<ul style="list-style-type: none"> <li>■ Used for picking from Picklist Account.</li> <li>■ User key field.</li> </ul>
Account Integration Id	AccountIntegrationId	DTYPE_TEXT	30		<ul style="list-style-type: none"> <li>■ Used for picking from Picklist Account.</li> <li>■ User key field.</li> </ul>
Account Location	AccountLocation	DTYPE_TEXT	30		Used for picking from Picklist Account.
Account Name	AccountName	DTYPE_TEXT	50		Used for picking from Picklist Account.
Account Organization Name	AccountOrganizationName	DTYPE_TEXT	100		Used for picking from Picklist Account.
Activity Id	ActivityId	DTYPE_ID	15		Used for picking from FS Activity Pick List.

Table 36. Siebel Invoice ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Activity User Defined Unique Id	ActivityUserDefinedUniqueId	DTYPE_TEXT	30		Used for picking from FS Activity Pick List.
Amount Paid	AmountPaid	DTYPE_CURRENCY	22		
Balance Forward	BalanceForward	DTYPE_CURRENCY	22		
Contract Id	ContractId	DTYPE_ID	15		Used for picking from Service Agreement.
Contract Integration Id	ContractIntegrationId	DTYPE_TEXT	30		Used for picking from Service Agreement.
Contract Name	ContractName	DTYPE_TEXT	50		Used for picking from Service Agreement.
Contract Organization Name	ContractOrganizationName	DTYPE_TEXT	100		Used for picking from Service Agreement.
Contract Revision Number	ContractRevisionNumber	DTYPE_NUMBER	22		Used for picking from Service Agreement.
Currency Code	CurrencyCode	DTYPE_TEXT	20	Y	Used for picking from Picklist Currency.
Delinquent Flag	DelinquentFlag	DTYPE_BOOL	1		
Document Date	DocumentDate	DTYPE_UTCDATE TIME	7		
Document Description	DocumentDescription	DTYPE_TEXT	250		
Document Number	DocumentNumber	DTYPE_TEXT	50	Y	User key field for Invoice.
Document Period Id	DocumentPeriodId	DTYPE_ID	15		Used for picking from Picklist Period.
Document Period Name	DocumentPeriodName	DTYPE_TEXT	50		Used for picking from Picklist Period.
Document Period Organization Name	DocumentPeriodOrganizationName	DTYPE_TEXT	100		Used for picking from Picklist Period.

Table 36. Siebel Invoice ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Document Revision Number	DocumentRevisionNumber	DTYPE_NUMBER	15		
Document Status	DocumentStatus	DTYPE_TEXT	30		Bound by FS_INVOICE_TYPE LOV.
Document Sub Type	DocumentSubType	DTYPE_TEXT	30		Bound by FS_INVOICE_CODE LOV.
Document Type	DocumentType	DTYPE_TEXT	30		<ul style="list-style-type: none"> <li>■ Bound by FS_INVOICE_TYPE LOV.</li> <li>■ User key field.</li> </ul>
Id	Id	DTYPE_ID	30		
Integration Id	IntegrationId	DTYPE_TEXT	30		
Order Id	OrderId	DTYPE_ID	15		Used for picking from Order Entry Picklist.
Order Integration Id	OrderIntegrationId	DTYPE_TEXT	30		Used for picking from Order Entry Picklist.
Order Number	OrderNumber	DTYPE_TEXT	30		Used for picking from Order Entry Picklist.
Order Organization Name	OrderOrganizationName	DTYPE_TEXT	100		Used for picking from Order Entry Picklist.
Order Type	OrderType	DTYPE_TEXT	50		Used for picking from Order Entry Picklist.
Payment Term	PaymentTerm	DTYPE_TEXT	50		Used for picking from Picklist Payment Term.
Payment Term Id	PaymentTermId	DTYPE_ID	15		Used for picking from Picklist Payment Term.
Project Id	ProjectId	DTYPE_ID	15		Used for picking from Picklist Project.
Project Integration Id	ProjectIntegrationId	DTYPE_TEXT	30		Used for picking from Picklist Project.
Project Number	ProjectNumber	DTYPE_TEXT	30		Used for picking from Picklist Project.



Table 36. Siebel Invoice ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Project Organization Name	ProjectOrganizationName	DTYPE_TEXT	100		Used for picking from Picklist Project.
STORED Adjustment Amount	STOREDAdjustmentAmount	DTYPE_CURRENCY	22		
STORED Discount Amount	STOREDDiscountAmount	DTYPE_CURRENCY	22		
STORED Gross Amount	STOREDGrossAmount	DTYPE_CURRENCY	22		
STORED Surcharge Amount	STOREDSurchargeAmount	DTYPE_CURRENCY	22		
STORED Tax Amount	STOREDTaxAmount	DTYPE_CURRENCY	22		
Service Request Id	ServiceRequestId	DTYPE_ID	15		Used for picking from Service Request Picklist.
Service Request Number	ServiceRequestNumber	DTYPE_TEXT	64		Used for picking from Service Request Picklist.
Service Request Organization Name	ServiceRequestOrganizationName	DTYPE_TEXT	100		Used for picking from Service Request Picklist.
<b>FS Invoice Line Items</b>					
Activity Id	ActivityId	DTYPE_ID	15		Used for picking from FS Activity Picklist.
Activity User Defined Unique Id	ActivityUserDefinedUniqueid	DTYPE_TEXT	30		Used for picking from FS Activity Picklist.
Contract Id	ContractId	DTYPE_ID	15		Used for picking from FS PickList Agreement Item - All.
Contract Integration Id	ContractIntegrationId	DTYPE_TEXT	30		Used for picking from FS PickList Agreement Item - All.

Table 36. Siebel Invoice ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Contract Line Id	ContractLineId	DTYPE_ID	15		Used for picking from FS PickList Agreement Item - All.
Contract Name	ContractName	DTYPE_TEXT	50		Used for picking from FS PickList Agreement Item - All.
Contract Organization Name	ContractOrganizationName	DTYPE_TEXT	100		Used for picking from FS PickList Agreement Item - All.
Contract Revision Number	ContractRevisionNumber	DTYPE_NUMBER	22		Used for picking from FS PickList Agreement Item - All.
CurrencyCode	CurrencyCode	DTYPE_TEXT	20	Y	Used for picking from Picklist Currency.
Description	Description	DTYPE_TEXT	250		
Discount Amount	DiscountAmount	DTYPE_CURRENCY	22		
Gross Amount	GrossAmount	DTYPE_CURRENCY	22		
Id	Id	DTYPE_ID	30		User key field for Line Item.
Integration Id	IntegrationId	DTYPE_TEXT	30		User key field for Line Item.
Line Number	LineNumber	DTYPE_NUMBER	22	Y	User key field for Line Item.
Line Quantity	LineQuantity	DTYPE_NUMBER	22	Y	
Line Type	LineType	DTYPE_TEXT	30		Used for picking from FS Invoice Line Item Type Picklist.
Order Id	OrderId	DTYPE_ID	15		Used for picking from Order Entry Picklist.
Order Integration Id	OrderIntegrationId	DTYPE_TEXT	30		Used for picking from Order Entry Picklist.
Order Item Id	OrderItemId	DTYPE_ID	15		Used for picking from Order Entry - Line Item Picklist.

Table 36. Siebel Invoice ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Order Item Integration Id	OrderItemIntegrationId	DTYPE_TEXT	30		Used for picking from Order Entry - Line Item Picklist.
Order Line Number	OrderLineNumber	DTYPE_NUMBER	22		Used for picking from Order Entry - Line Item Picklist.
Order Number	OrderNumber	DTYPE_TEXT	30		Used for picking from Order Entry - Line Item Picklist.
Order Organization Name	OrderOrganizationName	DTYPE_TEXT	100		Used for picking from Order Entry - Line Item Picklist.
Order Type	OrderType	DTYPE_TEXT	50		Used for picking from Order Entry - Line Item Picklist.
Person Id	PersonId	DTYPE_ID	15		Used for picking from PS PickList Project Resource.
Product Id	ProductId	DTYPE_ID	15		Used for picking from Order Entry - Product PickList.
Product Integration Id	ProductIntegrationId	DTYPE_TEXT	30		Used for picking from Order Entry - Product PickList.
Product Name	ProductName	DTYPE_TEXT	100		Used for picking from Order Entry - Product PickList.
Product Organization Name	ProductOrganizationName	DTYPE_TEXT	100		Used for picking from Order Entry - Product PickList.
Product Vendor Organization Name	ProductVendorOrganizationName	DTYPE_TEXT	100		Used for picking from Order Entry - Product PickList.
Project Id	ProjectId	DTYPE_ID	15		Used for picking from Picklist Project.
Project Integration Id	ProjectIntegrationId	DTYPE_TEXT	30		Used for picking from Picklist Project.

Table 36. Siebel Invoice ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Project Item Id	ProjectItemId	DTYPE_ID	15		Used for picking from Project Item PickList.
Project Item Number	ProjectItemNumber	DTYPE_TEXT	30		Used for picking from Project Item PickList.
Project Number	ProjectNumber	DTYPE_TEXT	30		Used for picking from Picklist Project.
Project Organization Name	ProjectOrganizationName	DTYPE_TEXT	100		Used for picking from Picklist Project.
Project Resource Id	ProjectResourceId	DTYPE_ID	15		Used for picking from PS PickList Project Resource.
Project Resource Number	ProjectResourceNumber	DTYPE_TEXT	30		Used for picking from PS PickList Project Resource.
Service Request Id	ServiceRequestId	DTYPE_ID	15		Used for picking from Service Request Picklist.
Service Request Number	ServiceRequestNumber	DTYPE_TEXT	64		Used for picking from Service Request Picklist.
Service Request Organization Name	ServiceRequestOrganizationName	DTYPE_TEXT	100		Used for picking from Service Request Picklist.
Surcharge Amount	SurchargeAmount	DTYPE_CURRENCY	22		
Tax Amount	TaxAmount	DTYPE_CURRENCY	22		
Unit of Measure	UnitofMeasure	DTYPE_TEXT	30	Y	Bound by UNIT_OF_MEASURE LOV.

# External Opportunity Create/External Opportunity Query/External Opportunity Update

The External Opportunity Create/External Opportunity Query/External Opportunity Update ASI facilitates the inbound and outbound transfer of opportunity data and associated child-level data such as contacts, notes, revenues, and activities. It is based on the Opportunity business object and supports the create, update, and query functions. The Opportunity Sharing ASIs are as follows:

- "ANI Opportunity Message (PRM ANI)" on page 110
- "ANI Message Header (PRM ANI)" on page 119
- "Opportunity (PRM ANI)" on page 120
- "Destination Channel Partner (PRM ANI)" on page 126
- "Source Organization (PRM ANI)" on page 127
- "Opportunity Account (PRM ANI)" on page 128

Figure 23 describes the structure of the External Opportunity Create/External Opportunity Query/External Opportunity Update ASI.

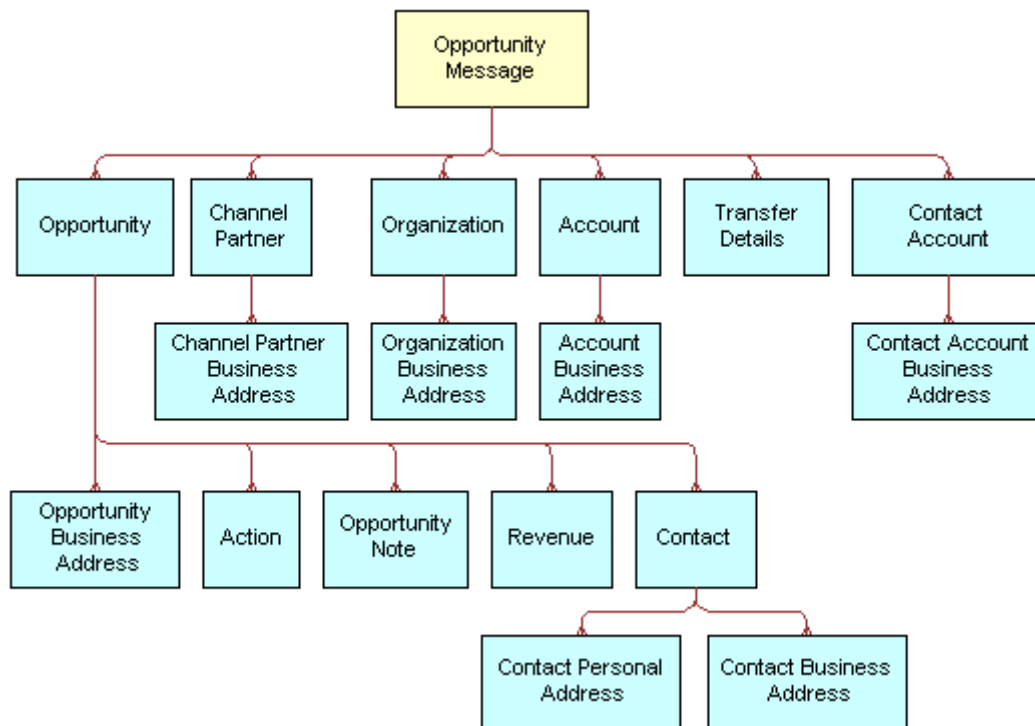


Figure 23. Opportunity Sharing ASI

## ANI Opportunity Message (PRM ANI)

The ANI Opportunity Message (PRM ANI) ASI is the main interface for the Opportunity Sharing ASI, which encapsulates these ASIs (Opportunity, Opportunity Account, ANI Message Header, Destination Channel Partner, and Source Organization) and the associated data contained in the ASIs.

Table 37 lists the primary integration components of ANI Opportunity Message (PRM ANI).

Table 37. ANI Opportunity Message (PRM ANI) Integration Components

Integration Component	XML Tag	User Keys
Account	Account	No user keys.
Account_Business Address	Account_BusinessAddress	<ol style="list-style-type: none"> <li>1 City, Country, Postal Code, State, Street Address, Street Address 2</li> <li>2 Address Name, City, Postal Code, State, Street Address</li> <li>3 City, Postal Code, State</li> <li>4 Address Name</li> </ol>
Action	Action	<ol style="list-style-type: none"> <li>1 Due, Id, Type</li> <li>2 Comment, Description, Due, Type</li> <li>3 Comment, Description, Due, Type</li> </ol>
Channel Partner	ChannelPartner	<ol style="list-style-type: none"> <li>1 Location, Name</li> </ol>
Channel Partner Business Address	ChannelPartnerAddress	<ol style="list-style-type: none"> <li>1 City, Country, Postal Code, State, Street Address, Street Address 2</li> <li>2 Account Id, Address Name, City, Postal Code, State, Street Address</li> <li>3 City, Postal Code, State</li> <li>4 Account Id, Address Name</li> </ol>

Table 37. ANI Opportunity Message (PRM ANI) Integration Components

Integration Component	XML Tag	User Keys
Contact	Contact	<b>1</b> First Name, Id, Last Name <b>2</b> First Name, Last Name, Middle Name, Primary Account Name <b>3</b> Account Integration Id, First Name, Last Name, Middle Name <b>4</b> First Name, Last Name, Middle Name <b>5</b> First Name, Last Name <b>6</b> Account Integration Id, First Name, Last Name, Middle Name <b>7</b> First Name, Last Name, Middle Name, Primary Account Name <b>8</b> First Name, Last Name, Middle Name
Contact_Account	Contact_Account	<b>1</b> Account, Account Location
Contact_Account_Business Address	Contact_Account_BusinessAddress	<b>1</b> City, Country, Postal Code, State, Street Address, Street Address 2 <b>2</b> Address Name, City, Postal Code, State, Street Address <b>3</b> City, Postal Code, State <b>4</b> Address Name
Contact_Personal Address	Contact_PersonalAddress	<b>1</b> City, Country, Postal Code, State, Street Address, Street Address 2 <b>2</b> City, Country, Postal Code, State, Street Address, Street Address 2 <b>3</b> City, Postal Code, State <b>4</b> Integration Id
Message Details	MessageDetails	No user keys.

Table 37. ANI Opportunity Message (PRM ANI) Integration Components

Integration Component	XML Tag	User Keys
Opportunity	Opportunity	<b>1</b> Name <b>2</b> Account Integration Id, Name <b>3</b> Account, Account Location, Name <b>4</b> Name
Opportunity Note	OpportunityNote	<b>1</b> Id, Note, Note Type, Oppty Name <b>2</b> Note Type, Oppty Name <b>3</b> Note, Note Type <b>4</b> Note Type, Oppty Name <b>5</b> Id, Note, Note Type, Oppty Name
Opportunity_Business Address	OpportunityBusinessAddress	<b>1</b> City, Country, Postal Code, State, Street Address, Street Address 2 <b>2</b> City, Postal Code, State, Street Address <b>3</b> City, Postal Code, State <b>4</b> City, Postal Code, State <b>5</b> City, Country, Postal Code, State, Street Address, Street Address 2 <b>6</b> Integration Id
Organization	Organization	<b>1</b> DUNS Number
Organization Business Address	OrganizationAddress	<b>1</b> City, Country, Postal Code, State, Street Address, Street Address 2 <b>2</b> City, Postal Code, State, Street Address <b>3</b> City, Postal Code, State <b>4</b> Account Id, Address Name
Revenue	Revenue	<b>1</b> Revenue Item Number
Transfer Details	TransferDetails	No user keys.



Table 38 lists the fields and their attributes.

Table 38. ANI Opportunity Message (PRM ANI) ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>Account</b>				
Currency Code	CurrencyCode	DTYPE_TEXT	15	N
Customer Account Group	CustomerAccountGroup	DTYPE_TEXT	30	N
DUNS Number	DUNSNumber	DTYPE_TEXT	15	N
Group Type Code	GroupTypeCode	DTYPE_TEXT	30	N
Id	Id	DTYPE_ID	30	N
Location	Location	DTYPE_TEXT	50	N
Name	Name	DTYPE_TEXT	100	N
Party Type Code	PartyTypeCode	DTYPE_TEXT	30	N
<b>Account_Business Address</b>				
Address Name	AddressName	DTYPE_TEXT	100	N
City	City	DTYPE_TEXT	50	N
Country	Country	DTYPE_TEXT	50	N
Email Address	EmailAddress	DTYPE_TEXT	50	N
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N
Phone Number	PhoneNumber	DTYPE_TEXT	40	N
Postal Code	PostalCode	DTYPE_TEXT	30	N
State	State	DTYPE_TEXT	10	N
Street Address	StreetAddress	DTYPE_TEXT	200	N
Street Address 2	StreetAddress2	DTYPE_TEXT	100	N
<b>Action</b>				
Comment	Comment	DTYPE_TEXT	1,500	N
Description	Description	DTYPE_TEXT	100	N
Done	Done	DTYPE_TEXT	50	N
Due	Due	DTYPE_TEXT	50	N
Id	Id	DTYPE_ID	30	N
Planned	Planned	DTYPE_TEXT	50	N
Planned Completion	PlannedCompletion	DTYPE_TEXT	50	N

Table 38. ANI Opportunity Message (PRM ANI) ASI Fields

Name	XML Tag	Data Type	Length	Required
Priority	Priority	DTYPE_TEXT	30	N
Started	Started	DTYPE_TEXT	50	N
Status	Status	DTYPE_TEXT	50	N
Type	Type	DTYPE_TEXT	30	N
<b>Channel Partner</b>				
DUNS Number	DUNSNumber	DTYPE_TEXT	15	N
Location	Location	DTYPE_TEXT	50	N
Name	Name	DTYPE_TEXT	100	N
<b>Channel Partner Business Address</b>				
Account Id	AccountId	DTYPE_ID	15	N
Address Name	AddressName	DTYPE_TEXT	100	N
City	City	DTYPE_TEXT	50	N
Country	Country	DTYPE_TEXT	50	N
County	County	DTYPE_TEXT	50	N
Email Address	EmailAddress	DTYPE_TEXT	50	N
Phone Number	PhoneNumber	DTYPE_TEXT	40	N
Postal Code	PostalCode	DTYPE_TEXT	30	N
Province	Province	DTYPE_TEXT	50	N
State	State	DTYPE_TEXT	10	N
Street Address	StreetAddress	DTYPE_TEXT	200	N
Street Address 2	StreetAddress2	DTYPE_TEXT	100	N
<b>Contact</b>				
Account Id	AccountId	DTYPE_ID	15	N
Account Integration Id	AccountIntegrationId	DTYPE_TEXT	30	N
Cellular Phone #	CellularPhone	DTYPE_TEXT	40	N
Comment	Comment	DTYPE_TEXT	255	N
DUNS Number	DUNSNumber	DTYPE_TEXT	15	N
Email Address	EmailAddress	DTYPE_TEXT	50	N
Fax Phone #	FaxPhone	DTYPE_TEXT	40	N
First Name	FirstName	DTYPE_TEXT	50	N

Table 38. ANI Opportunity Message (PRM ANI) ASI Fields

Name	XML Tag	Data Type	Length	Required
Home Phone #	HomePhone	DTYPE_TEXT	40	N
Id	Id	DTYPE_ID	30	N
Job Title	JobTitle	DTYPE_TEXT	75	N
Last Name	LastName	DTYPE_TEXT	50	N
M/M	MM	DTYPE_TEXT	15	N
Middle Name	MiddleName	DTYPE_TEXT	50	N
Primary Account Name	PrimaryAccountName	DTYPE_TEXT	100	N
Work Phone #	WorkPhone	DTYPE_TEXT	40	N
<b>Contact_Account</b>				
Account	Name	DTYPE_TEXT	100	N
Account Location	Location	DTYPE_TEXT	50	N
Currency Code	CurrencyCode	DTYPE_TEXT	15	N
Customer Account Group	CustomerAccountGroup	DTYPE_TEXT	30	N
DUNS Number	DUNSNumber	DTYPE_TEXT	15	N
Group Type Code	GroupTypeCode	DTYPE_TEXT	30	N
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N
Party Type Code	PartyTypeCode	DTYPE_TEXT	30	N
<b>Contact_Account_Business Address</b>				
Address Name	AddressName	DTYPE_TEXT	100	N
City	City	DTYPE_TEXT	50	N
Country	Country	DTYPE_TEXT	50	N
Email Address	EmailAddress	DTYPE_TEXT	50	N
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N
Phone Number	PhoneNumber	DTYPE_TEXT	40	N
Postal Code	PostalCode	DTYPE_TEXT	30	N
State	State	DTYPE_TEXT	10	N
Street Address	StreetAddress	DTYPE_TEXT	200	N
Street Address 2	StreetAddress2	DTYPE_TEXT	100	N
<b>Contact_Personal Address</b>				

Table 38. ANI Opportunity Message (PRM ANI) ASI Fields

Name	XML Tag	Data Type	Length	Required
Address Name	AddressName	DTYPE_TEXT	100	N
Integration Id	IntegrationId	DTYPE_TEXT	30	N
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N
Personal City	PersonalCity	DTYPE_TEXT	50	N
Personal Country	PersonalCountry	DTYPE_TEXT	50	N
Personal Postal Code	PersonalPostalCode	DTYPE_TEXT	30	N
Personal State	PersonalState	DTYPE_TEXT	10	N
Personal Street Address	PersonalStreetAddress	DTYPE_TEXT	200	N
Personal Street Address 2	PersonalStreetAddress2	DTYPE_TEXT	100	N
<b>Message Details</b>				
External Id	ExternalId	DTYPE_TEXT	250	N
External Id Description	ExternalIdDescription	DTYPE_TEXT	50	N
Internal Id	InternalId	DTYPE_TEXT	250	N
Internal Id Description	InternalIdDescription	DTYPE_TEXT	50	N
Message Generation Time Stamp	MessageGenerationTimeStamp	DTYPE_DATETIME	50	N
Method	Method	DTYPE_TEXT	50	N
Redirection URL	RedirectionURL	DTYPE_TEXT	50	N
<b>Opportunity</b>				
Account	AccountName	DTYPE_TEXT	100	N
Account Id	AccountId	DTYPE_TEXT	30	N
Account Integration Id	AccountIntegrationId	DTYPE_TEXT	30	N
Account Location	AccountLocation	DTYPE_TEXT	50	N
Currency Code	CurrencyCode	DTYPE_TEXT	15	N
DUNS Number	DUNSNumber	DTYPE_TEXT	15	N
Description	Description	DTYPE_TEXT	255	N

Table 38. ANI Opportunity Message (PRM ANI) ASI Fields

Name	XML Tag	Data Type	Length	Required
Id	Id	DTYPE_ID	30	N
Name	Name	DTYPE_TEXT	100	N
Parent Opportunity Name	ParentOpportunityName	DTYPE_TEXT	100	N
Primary Revenue Amount	PrimaryRevenueAmount	DTYPE_TEXT	22	N
Primary Revenue Class	PrimaryRevenueClass	DTYPE_TEXT	30	N
Primary Revenue Close Date	PrimaryRevenueCloseDate	DTYPE_DATETIME	50	N
Primary Revenue Type	PrimaryRevenueType	DTYPE_TEXT	30	N
Primary Revenue Win Probability	PrimaryRevenueWinProbability	DTYPE_NUMBER	22	N
Sales Method	SalesMethod	DTYPE_TEXT	30	N
Sales Stage	SalesStage	DTYPE_TEXT	30	N
<b>Opportunity Note</b>				
Id	Id	DTYPE_ID	30	N
Note	Note	DTYPE_NOTE	1,000	N
Note Type	NoteType	DTYPE_TEXT	30	N
Opportunity Name	OpportunityName	DTYPE_TEXT	100	N
<b>Opportunity_Business Address</b>				
City	City	DTYPE_TEXT	50	N
Country	Country	DTYPE_TEXT	50	N
Integration Id	IntegrationId	DTYPE_TEXT	30	N
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N
Postal Code	PostalCode	DTYPE_TEXT	30	N
State	State	DTYPE_TEXT	10	N
Street Address Line 2	StreetAddressLine2	DTYPE_TEXT	100	N
Street Address	StreetAddress	DTYPE_TEXT	200	N
<b>Organization</b>				

Table 38. ANI Opportunity Message (PRM ANI) ASI Fields

Name	XML Tag	Data Type	Length	Required
DUNS Number	DUNSNumber	DTYPE_TEXT	15	N
Id	Id	DTYPE_ID	15	N
Name	Name	DTYPE_TEXT	100	N
<b>Organization Business Address</b>				
City	City	DTYPE_TEXT	50	N
Country	Country	DTYPE_TEXT	50	N
Integration Id	Integration Id	DTYPE_TEXT	30	N
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N
Postal Code	PostalCode	DTYPE_TEXT	30	N
State	State	DTYPE_TEXT	10	N
Street Address	StreetAddress	DTYPE_TEXT	200	N
Street Address 2	StreetAddress2	DTYPE_TEXT	100	N
<b>Revenue</b>				
Account	Account	DTYPE_TEXT	100	N
Account Location	AccountLocation	DTYPE_TEXT	50	N
Committed	Committed	DTYPE_TEXT	1	N
Currency Code	CurrencyCode4	DTYPE_TEXT	20	N
Date	Date	DTYPE_DATETIME	50	N
Description	Description	DTYPE_TEXT	100	N
Id	Id	DTYPE_ID	30	N
Part Number	PartNumber	DTYPE_TEXT	50	N
Price	Price	DTYPE_TEXT	22	N
Product	Product	DTYPE_TEXT	50	N
Quantity	Quantity	DTYPE_NUMBER	22	N
Revenue	Revenue	DTYPE_TEXT	22	N
Revenue Class	RevenueClass	DTYPE_TEXT	30	N
Revenue Item Number	RevenueItemNumber	DTYPE_TEXT	30	N
Revenue Type	RevenueType	DTYPE_TEXT	30	N
Summary	Summary	DTYPE_TEXT	1	N
Win Probability	WinProbability	DTYPE_NUMBER	22	N

Table 38. ANI Opportunity Message (PRM ANI) ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>Transfer Details</b>				
Transfer Date	TransferDate	DTYPE_DATETIME	50	N
Transfer Recipient	TransferRecipient	DTYPE_TEXT	20	N
Transfer Status	TransferStatus	DTYPE_TEXT	50	N
Transfer Status Message	TransferStatusMessage	DTYPE_TEXT	200	N

## ANI Message Header (PRM ANI)

The ANI Message Header ASI (PRM ANI) encapsulates information related to the exchange of the Opportunity Sharing message, such as whether the creation or update of the opportunity was successful.

Table 39 lists the primary integration components of ANI Message Header (PRM ANI).

Table 39. ANI Message Header (PRM ANI) Integration Components

Integration Component	XML Tag	User Keys
Message Details	MessageDetails	No user keys.
Transfer Details	TransferDetails	No user keys.

Table 40 lists the fields and their attributes.

Table 40. ANI Message Header (PRM ANI) ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>Message Details</b>				
External Id	ExternalId	DTYPE_TEXT		N
External Id Description	ExternalIdDescription	DTYPE_TEXT		N
Internal Id	InternalId	DTYPE_TEXT		N
Internal Id Description	InternalIdDescription	DTYPE_TEXT		N
Message Generation Time Stamp	MessageGenerationTimeStamp	DTYPE_DATETIME		N

Table 40. ANI Message Header (PRM ANI) ASI Fields

Name	XML Tag	Data Type	Length	Required
Method	Method	DTYPE_TEXT		N
Redirection URL	RedirectionURL	DTYPE_TEXT		N
<b>Transfer Details</b>				
Transfer Date	TransferDate	DTYPE_DATETIME		N
Transfer Recipient	TransferRecipient	DTYPE_TEXT		N
Transfer Status	TransferStatus	DTYPE_TEXT		N
Transfer Status Message	TransferStatusMessage	DTYPE_TEXT		N

## Opportunity (PRM ANI)

The Opportunity (PRM ANI) ASI encapsulates all the data that is directly related to the Opportunity object. This data includes fields such as Opportunity Name, Status, and so on.

Table 41 lists the primary integration components of Opportunity (PRM ANI).

Table 41. Opportunity (PRM ANI) Integration Components

Integration Component	XML Tag	User Keys
Action	Action	<ol style="list-style-type: none"> <li>1 Due, Id, Type</li> <li>2 Comment, Description, Due, Type</li> <li>3 Comment, Description, Due, Type</li> </ol>
Contact	Contact	<ol style="list-style-type: none"> <li>1 DUNS Number, First Name, ID, Last Name, Middle Name</li> <li>2 DUNS Number, First Name, Last Name, Middle Name</li> <li>3 First Name, Last Name, Middle Name, Primary Account Name</li> <li>4 First Name, Last Name, Middle Name, Primary Account Name</li> <li>5 First Name, Last Name</li> </ol>



Table 41. Opportunity (PRM ANI) Integration Components

Integration Component	XML Tag	User Keys
Contact_Account	Contact_Account	<b>1</b> Account, Account Location
Contact_Account_Business Address	Contact_Account_BusinessAddress	<b>1</b> City, Country, Postal Code, State, Street Address, Street Address 2 <b>2</b> Address Name, City, Postal Code, State, Street Address <b>3</b> City, Postal Code, State <b>4</b> Address Name
Contact_Personal Address	Contact_PersonalAddress	<b>1</b> City, Country, Postal Code, State, Street Address, Street Address 2 <b>2</b> Address Name, City, Postal Code, State, Street Address <b>3</b> City, Integration Id, Postal Code, State <b>4</b> Integration Id
Opportunity	Opportunity	<b>1</b> Name
Opportunity Note	OpportunityNote	<b>1</b> Note, Note Type, Oppty Name <b>2</b> Note Type, Oppty Name <b>3</b> Note, Note Type <b>4</b> Note Type <b>5</b> Id

Table 41. Opportunity (PRM ANI) Integration Components

Integration Component	XML Tag	User Keys
Opportunity_Business Address	OpportunityBusinessAddress	<b>1</b> Address Name, City, Country, Postal Code, State, Street Address, Street Address 2 <b>2</b> City, Postal Code, State, Street Address <b>3</b> City, Integration Id, Postal Code, State <b>4</b> Integration Id
Revenue	Revenue	<b>1</b> Revenue Item Number

Table 42 lists the fields and their attributes.

Table 42. Opportunity (PRM ANI) ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>Action</b>				
Comment	Comment	DTYPE_TEXT	1,500	N
Description	Description	DTYPE_TEXT	100	N
Done	Done	DTYPE_TEXT	50	N
Due	Due	DTYPE_TEXT	50	N
Id	Id	DTYPE_ID	30	N
Planned	Planned	DTYPE_TEXT	50	N
Planned Completion	PlannedCompletion	DTYPE_TEXT	50	N
Priority	Priority	DTYPE_TEXT	30	N
Started	Started	DTYPE_TEXT	50	N
Status	Status	DTYPE_TEXT	30	N
Type	Type	DTYPE_TEXT	30	N
<b>Contact</b>				
Account Id	AccountId	DTYPE_ID	15	N
Account Integration Id	AccountIntegrationId	DTYPE_TEXT	30	N
Cellular Phone #	CellularPhone	DTYPE_TEXT	40	N

Table 42. Opportunity (PRM ANI) ASI Fields

Name	XML Tag	Data Type	Length	Required
Comment	Comment	DTYPE_TEXT	255	N
DUNS Number	DUNSNumber	DTYPE_TEXT	15	N
Email Address	EmailAddress	DTYPE_TEXT	50	N
Fax Phone #	FaxPhone	DTYPE_TEXT	40	N
First Name	FirstName	DTYPE_TEXT	50	N
Home Phone #	HomePhone	DTYPE_TEXT	40	N
Id	Id	DTYPE_ID	30	N
Job Title	JobTitle	DTYPE_TEXT	75	N
Last Name	LastName	DTYPE_TEXT	50	N
M/M	MM	DTYPE_TEXT	15	N
Middle Name	MiddleName	DTYPE_TEXT	50	N
Primary Account Name	PrimaryAccountName	DTYPE_TEXT	100	N
Work Phone #	WorkPhone	DTYPE_TEXT	40	N
<b>Contact_Account</b>				
Account	Name	DTYPE_TEXT	100	N
Account Location	Location	DTYPE_TEXT	50	N
Currency Code	CurrencyCode	DTYPE_TEXT	15	N
Customer Account Group	CustomerAccountGroup	DTYPE_TEXT	30	N
DUNS Number	DUNSNumber	DTYPE_TEXT	15	N
Group Type Code	GroupTypeCode	DTYPE_TEXT	30	N
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N
Party Type Code	PartyTypeCode	DTYPE_TEXT	30	N
<b>Contact_Account_Business Address</b>				
Address Name	AddressName	DTYPE_TEXT	100	N
City	City	DTYPE_TEXT	50	N
Country	Country	DTYPE_TEXT	50	N
Email Address	EmailAddress	DTYPE_TEXT	50	N
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N
Phone Number	PhoneNumber	DTYPE_TEXT	40	N

Table 42. Opportunity (PRM ANI) ASI Fields

Name	XML Tag	Data Type	Length	Required
Postal Code	PostalCode	DTYPE_TEXT	30	N
State	State	DTYPE_TEXT	10	N
Street Address	StreetAddress	DTYPE_TEXT	200	N
Street Address 2	StreetAddress2	DTYPE_TEXT	100	N
<b>Contact_Personal Address</b>				
Address Name	AddressName	DTYPE_TEXT	100	N
Integration Id	IntegrationId	DTYPE_TEXT	30	N
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N
Personal City	PersonalCity	DTYPE_TEXT	50	N
Personal Country	PersonalCountry	DTYPE_TEXT	50	N
Personal Postal Code	PersonalPostalCode	DTYPE_TEXT	30	N
Personal State	PersonalState	DTYPE_TEXT	10	N
Personal Street Address	PersonalStreetAddress	DTYPE_TEXT	200	N
Personal Street Address 2	PersonalStreetAddress2	DTYPE_TEXT	100	N
<b>Opportunity</b>				
Account	AccountName	DTYPE_TEXT	100	N
Account Integration Id	AccountIntegrationId	DTYPE_TEXT	30	N
Account Location	AccountLocation	DTYPE_TEXT	50	N
Currency Code	CurrencyCode	DTYPE_TEXT	15	N
DUNS Number	DUNSNumber	DTYPE_TEXT	15	N
Description	Description	DTYPE_TEXT	255	N
Id	Id	DTYPE_ID	30	N
Name	Name	DTYPE_TEXT	100	N
Parent Opportunity Name	ParentOpportunityName	DTYPE_TEXT	100	N
Primary Revenue Amount	PrimaryRevenueAmount	DTYPE_TEXT	22	N

Table 42. Opportunity (PRM ANI) ASI Fields

Name	XML Tag	Data Type	Length	Required
Primary Revenue Class	PrimaryRevenueClass	DTYPE_TEXT	30	N
Primary Revenue Close Date	PrimaryRevenueCloseDate	DTYPE_DATETIME	50	N
Primary Revenue Type	PrimaryRevenueType	DTYPE_TEXT	30	N
Primary Revenue Win Probability	PrimaryRevenueWinProbability	DTYPE_NUMBER	22	N
Sales Method	SalesMethod	DTYPE_TEXT	30	N
Sales Stage	SalesStage	DTYPE_TEXT	30	N
<b>Opportunity Note</b>				
Id	Id	DTYPE_ID	30	N
Note	Note	DTYPE_NOTE	1,000	N
Note Type	NoteType	DTYPE_TEXT	30	N
Opportunity Name	OpportunityName	DTYPE_TEXT	100	N
<b>Opportunity_Business Address</b>				
Address Name	AddressName	DTYPE_TEXT	50	N
City	City	DTYPE_TEXT	50	N
Country	Country	DTYPE_TEXT	50	N
Integration Id	IntegrationId	DTYPE_TEXT	30	N
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N
Postal Code	PostalCode	DTYPE_TEXT	30	N
State	State	DTYPE_TEXT	10	N
Stree Address Line 2	StreeAddressLine2	DTYPE_TEXT	100	N
Street Address	StreetAddress	DTYPE_TEXT	200	N
<b>Revenue</b>				
Account	Account	DTYPE_TEXT	100	N
Account Location	AccountLocation	DTYPE_TEXT	50	N
Committed	Committed	DTYPE_TEXT	1	N
Currency Code	CurrencyCode	DTYPE_TEXT	20	N
Date	Date	DTYPE_DATETIME	50	N

Table 42. Opportunity (PRM ANI) ASI Fields

Name	XML Tag	Data Type	Length	Required
Description	Description	DTYPE_TEXT	100	N
Id	Id	DTYPE_ID	30	N
Part Number	PartNumber	DTYPE_TEXT	50	N
Price	Price	DTYPE_TEXT	22	N
Product	Product	DTYPE_TEXT	50	N
Quantity	Quantity	DTYPE_NUMBER	22	N
Revenue	Revenue	DTYPE_TEXT	22	N
Revenue Class	RevenueClass	DTYPE_TEXT	30	N
Revenue Item Number	RevenueItemNumber	DTYPE_TEXT	30	N
Revenue Type	RevenueType	DTYPE_TEXT	30	N
Summary	Summary	DTYPE_TEXT	1	N
Win Probability	WinProbability	DTYPE_NUMBER	22	N

## Destination Channel Partner (PRM ANI)

The Destination Channel Partner (PRM ANI) ASI encapsulates information related to the partner company with which the opportunity is being shared. Examples of this information include Partner DUNS Number and Company Name.

Table 43 lists the primary integration components of Destination Channel Partner (PRM ANI).

Table 43. Destination Channel Partner (PRM ANI) Integration Components

Integration Component	XML Tag	User Keys
Channel Partner	ChannelPartner	1 Location, Name
Channel Partner Business Address	ChannelPartnerAddress	1 Account Id, Address Name

Table 44 lists the fields and their attributes.

Table 44. Destination Channel Partner (PRM ANI) ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>Channel Partner</b>				
DUNS Number	DUNSNumber	DTYPE_TEXT	15	N

Table 44. Destination Channel Partner (PRM ANI) ASI Fields

Name	XML Tag	Data Type	Length	Required
Location	Location	DTYPE_TEXT	50	N
Name	Name	DTYPE_TEXT	100	N
<b>Channel Partner Business Address</b>				
Account Id	AccountId	DTYPE_ID	15	N
Address Name	AddressName	DTYPE_TEXT	100	N
City	City	DTYPE_TEXT	50	N
Country	Country	DTYPE_TEXT	50	N
County	County	DTYPE_TEXT	50	N
Email Address	EmailAddress	DTYPE_TEXT	50	N
Phone Number	PhoneNumber	DTYPE_TEXT		N
Postal Code	PostalCode	DTYPE_TEXT	30	N
Province	Province	DTYPE_TEXT	50	N
State	State	DTYPE_TEXT	10	N
Street Address	StreetAddress	DTYPE_TEXT	200	N
Street Address 2	StreetAddress2	DTYPE_TEXT	100	N

## Source Organization (PRM ANI)

The Source Organization (PRM ANI) ASI encapsulates information related to the source company that is initiating the create or update opportunity message. Examples of this information include Partner DUNS Number, Company Name, and so on.

Table 45 lists the primary integration components of Source Organization (PRM ANI).

Table 45. Source Organization (PRM ANI) Integration Components

Integration Component	XML Tag	User Keys
Organization	Organization	1 DUNS Number
Organization Business Address	OrganizationAddress	1 Account Id, Address Name

Table 46 lists the fields and their attributes.

Table 46. Source Organization (PRM ANI) ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>Organization</b>				
DUNS Number	DUNSNumber	DTYPE_TEXT	15	N
Id	Id	DTYPE_ID	15	N
Name	Name	DTYPE_TEXT	100	N
<b>Organization Business Address</b>				
Account Id	AccountId	DTYPE_ID	15	N
Address Name	AddressName	DTYPE_TEXT	100	N
City	City	DTYPE_TEXT	50	N
Country	Country	DTYPE_TEXT	50	N
County	County	DTYPE_TEXT	50	N
Email Address	EmailAddress	DTYPE_TEXT	50	N
Phone Number	PhoneNumber	DTYPE_TEXT		N
Postal Code	PostalCode	DTYPE_TEXT	30	N
Province	Province	DTYPE_TEXT	50	N
State	State	DTYPE_TEXT	10	N
Street Address	StreetAddress	DTYPE_TEXT	200	N
Street Address 2	StreetAddress2	DTYPE_TEXT	100	N

## Opportunity Account (PRM ANI)

The Opportunity Account (PRM ANI) ASI encapsulates account-related information for all the opportunity accounts identified in the opportunity message.



Table 47 lists the primary integration components of Opportunity Account (PRM ANI).

Table 47. Opportunity Account (PRM ANI) Integration Components

Integration Component	XML Tag	User Keys
Account	Account	1 Location, Name
Account Business Address	Account_BusinessAddress	1 City, Country, Postal Code, State, Street Address, Street Address 2 2 Address Name, City, Postal Code, State, Street Address 3 City, Postal Code, State 4 Address Name

Table 48 lists the fields and their attributes.

Table 48. Opportunity Account (PRM ANI) ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>Account</b>				
Currency Code	CurrencyCode	DTYPE_TEXT	15	N
Customer Account Group	CustomerAccountGroup	DTYPE_TEXT	30	N
DUNS Number	DUNSNumber	DTYPE_TEXT	15	N
Group Type Code	GroupTypeCode	DTYPE_TEXT	30	N
Id	Id	DTYPE_ID	30	N
Location	Location	DTYPE_TEXT	50	N
Name	Name	DTYPE_TEXT	100	N
Party Type Code	PartyTypeCode	DTYPE_TEXT	30	N
<b>Account Business Address</b>				
Address Name	AddressName	DTYPE_TEXT	100	N
City	City	DTYPE_TEXT	50	N
Country	Country	DTYPE_TEXT	50	N
Email Address	EmailAddress	DTYPE_TEXT	50	N
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N
Phone Number	PhoneNumber	DTYPE_TEXT	40	N

Table 48. Opportunity Account (PRM ANI) ASI Fields

Name	XML Tag	Data Type	Length	Required
Postal Code	PostalCode	DTYPE_TEXT	30	N
State	State	DTYPE_TEXT	10	N
Street Address	StreetAddress	DTYPE_TEXT	200	N
Street Address 2	StreetAddress2	DTYPE_TEXT	100	N

## Siebel Order

The Siebel Order ASI allows customers to accurately capture and validate orders in order to submit them to a fulfillment system. Figure 24 describes the structure of the Siebel Order ASI.

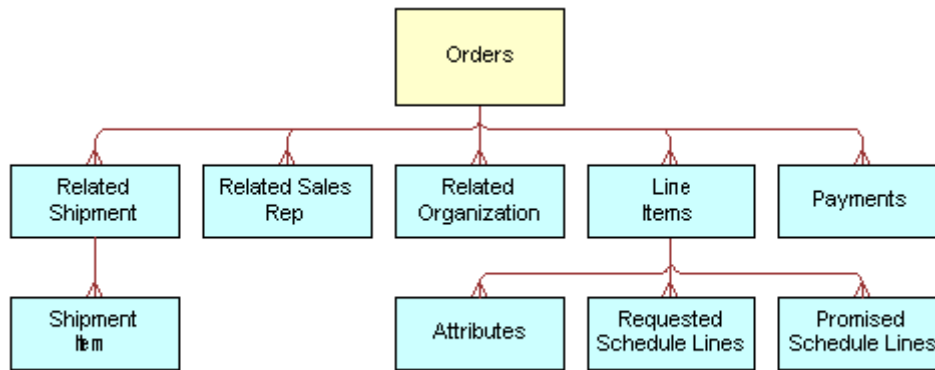


Figure 24. Siebel Order ASI

Table 49 lists the integration components of this ASI.

Table 49. Siebel Order Integration Components

Integration Component	XML Tag	User Keys
Attributes	Attributes	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Name
Line Items	LineItems	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Line Number

Table 49. Siebel Order Integration Components

Integration Component	XML Tag	User Keys
Orders	Orders	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Order Number, Order Type, Primary Organization, Revision <b>4</b> External Order Number <b>5</b> Order Number, Order Type, Organization DUNS Number, Revision
Payments	Payments	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Payment Number, Payment Type
Promised Schedule Lines	PromisedScheduleLines	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Line Item Action Number
Related Organization	RelatedOrganization	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Name
Related Sales Rep	RelatedSalesRep	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Position Name <b>4</b> Login
Related Shipment	RelatedShipment	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Shipment Number
Requested Schedule Lines	RequestedScheduleLines	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Line Number
Shipment Item	ShipmentItem	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Line Number

The Siebel Order ASI uses the same user keys as the Orders integration component. You can use the component fields for the integration, which means that values for each of these fields can be written to an XML file for transport. [Table 50](#) lists the fields and their attributes.

Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
<b>Attributes</b>					
Action Code	ActionCode	DTYPE_TEXT	30	N	
Attribute Id	Attributeld	DTYPE_ID		N	
Data Type	DataType	DTYPE_TEXT	30	N	
Description	Description	DTYPE_TEXT	255	N	
Hidden	Hidden	DTYPE_TEXT		N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
LOV Type	ListOfValueType	DTYPE_TEXT	30	N	
Name	Name	DTYPE_TEXT	75	N	
Object Id	ObjectId	DTYPE_ID		N	
Read Only	ReadOnly	DTYPE_TEXT		N	
Required	Required	DTYPE_TEXT		N	
Sequence	Sequence	DTYPE_NUMBER		N	
Validation	Validation	DTYPE_TEXT	250	N	
Value	Value	DTYPE_TEXT	100	N	
operation	operation	DTYPE_TEXT	30	N	
<b>Line Items</b>					
Action Code	ActionCode	DTYPE_TEXT	30	N	
Asset Id	AssetId	DTYPE_ID		N	
Asset Integration Id	AssetIntegrationId	DTYPE_TEXT	30	N	
Asset Number	AssetNumber	DTYPE_TEXT		N	
Available Date	AvailableDate	DTYPE_TEXT		N	
Available Quantity	AvailableQuantity	DTYPE_NUMBER		N	

Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Available Status	AvailableStatus	DTYPE_TEXT	30	N	
Available Status As Of Date	AvailableStatusAsOfDate	DTYPE_TEXT		N	
Base Price	BasePrice	DTYPE_TEXT		N	
Billable Flag	BillableFlag	DTYPE_TEXT		N	
Billing Account Id	BillingAccountId	DTYPE_ID		N	
Cancelled Quantity	CancelledQuantity	DTYPE_NUMBER		N	
Carrier Priority	CarrierPriority	DTYPE_TEXT	30	N	Added for UAN 3.0.
Covered Product Unit Price	CoveredProductUnitPrice	DTYPE_TEXT		N	Added for UAN 1.0.
Delivery Status	DeliveryStatus	DTYPE_TEXT	30	N	Added for UAN 1.0.
Description	Description	DTYPE_TEXT		N	
Destination Inventory Location	DestinationInventoryLocation	DTYPE_TEXT	100	N	
Destination Inventory Location Id	DestinationInventoryLocationId	DTYPE_ID		N	
Destination Inventory Location Integration Id	DestinationInventoryLocationIntegrationId	DTYPE_TEXT	30	N	
Discount Amount	DiscountAmount	DTYPE_TEXT		N	
Extended Quantity	ExtendedQuantity	DTYPE_NUMBER		N	Added for UAN 3.0.
Freight Amount	FreightAmount	DTYPE_TEXT		N	

Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Has Children	HasChildren	DTYPE_TEXT		N	Make it active for UAN 4.0 to support Oracle Complex Product.
Hold Flag	HoldFlag	DTYPE_TEXT		N	
Hold Reason	HoldReason	DTYPE_TEXT	30	N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Integration Status	IntegrationStatus	DTYPE_TEXT	30	N	
Integration Status As Of Date	IntegrationStatusAsOfDate	DTYPE_TEXT		N	
Invoiced Quantity	InvoicedQuantity	DTYPE_NUMBER		N	
IsComplexProduct	IsComplexProduct	DTYPE_TEXT		N	Make it active for UAN 4.0 to support Oracle Complex Product.
Item Price	ItemPrice	DTYPE_TEXT		N	Added for UAN 3.0.
Line Number	LineNumber	DTYPE_NUMBER		N	
Loaner Flag	LoanerFlag	DTYPE_TEXT		N	
Net Price	NetPrice	DTYPE_TEXT		N	Added for UAN 3.0.
Note	Note	DTYPE_TEXT	1,500	N	
Order Header Id	OrderHeaderId	DTYPE_ID		N	
Order Number	OrderNumber	DTYPE_TEXT	30	N	
Package Name (Inbound)	PackageNameInbound	DTYPE_TEXT	50	N	

Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Package Name (Outbound)	PackageNameOutbound	DTYPE_TEXT		N	
Parent Order Item Id	ParentOrderItemId	DTYPE_ID		N	
Parent Order Item Number	ParentOrderItemNumber	DTYPE_NUMBER		N	Added for UAN 3.0.
Part Number	PartNumber	DTYPE_TEXT	50	N	
Partial Ship	PartialShip	DTYPE_TEXT		N	
Product	Product	DTYPE_TEXT	100	N	
Product Global Identifier	ProductGlobalIdentifier	DTYPE_TEXT	50	N	Added for UAN 1.0.
Product Id	ProductId	DTYPE_ID		N	
Product Integration Id	ProductIntegrationId	DTYPE_TEXT	30	N	
Product Port Id	ProductPortId	DTYPE_ID	15	N	Added for UAN 4.0 Oracle Complex Product.
Requested Date	RequestedDate	DTYPE_TEXT		N	
Requested Quantity	RequestedQuantity	DTYPE_NUMBER		N	
Return To Account DUNS Number	ReturnToAccountDUNSNumber	DTYPE_TEXT	9	N	Added for UAN 1.0.
Return To Account Id	ReturnToAccountId	DTYPE_ID		N	
Return To Account Integration Id	ReturnToAccountIntegrationId	DTYPE_TEXT	30	N	

Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Return To Account Name	ReturnToAccountName	DTYPE_TEXT	100	N	
Return To Account Site	ReturnToAccountSite	DTYPE_TEXT	50	N	
Return To Address Id	ReturnToAddressId	DTYPE_ID		N	
Return To Address Integration Id	ReturnToAddressIntegrationId	DTYPE_TEXT	30	N	
Return To Contact Id	ReturnToContactId	DTYPE_ID		N	
Return To Contact Integration Id	ReturnToContactIntegrationId	DTYPE_TEXT	30	N	
Return To First Name	ReturnToFirstName	DTYPE_TEXT	50	N	
Return To Last Name	ReturnToLastName	DTYPE_TEXT	50	N	
Rollup Item Price	RollupItemPrice	DTYPE_TEXT		N	
Root Order Item Id	RootOrderItemId	DTYPE_ID		N	
Sales Unit of Measure	SalesUnitofMeasure	DTYPE_TEXT	30	N	Added for UAN 1.0.
Ship Complete	ShipComplete	DTYPE_TEXT		N	
Ship Date	ShipDate	DTYPE_DATETIME		N	
Ship Instruction	ShipInstruction	DTYPE_TEXT	250	N	
Ship Quantity	ShipQuantity	DTYPE_NUMBER		N	
Ship To Account	ShipToAccount	DTYPE_TEXT	100	N	



Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Ship To Account DUNS Number	ShipToAccountDUNSNumber	DTYPE_TEXT	9	N	Added for UAN 1.0.
Ship To Account Id	ShipToAccountId	DTYPE_ID		N	
Ship To Account Integration Id	ShipToAccountIntegrationId	DTYPE_TEXT	30	N	
Ship To Account Site	ShipToAccountSite	DTYPE_TEXT	50	N	
Ship To Address	ShipToAddress	DTYPE_TEXT	50	N	Added for UAN 1.0.
Ship To Address 2	ShipToAddress2	DTYPE_TEXT	50	N	Added for UAN 1.0.
Ship To Address Id	ShipToAddressId	DTYPE_ID		N	
Ship To City	ShipToCity	DTYPE_TEXT	30	N	Added for UAN 1.0.
Ship To Contact - First Name	ShipToContact-FirstName	DTYPE_TEXT	50	N	
Ship To Contact - Last Name	ShipToContact-LastName	DTYPE_TEXT	50	N	
Ship To Contact Id	ShipToContactId	DTYPE_ID		N	
Ship To Contact Integration Id	ShipToContactIntegrationId	DTYPE_TEXT	30	N	
Ship To Country	ShipToCountry	DTYPE_TEXT	15	N	Added for UAN 1.0.
Ship To State	ShipToState	DTYPE_TEXT	15	N	Added for UAN 1.0.
Ship To Zip	ShipToZip	DTYPE_TEXT	15	N	Added for UAN 1.0.

Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Ship to Address Integration Id	ShiptoAddressIntegrationId	DTYPE_TEXT	30	N	
Shipping Carrier	ShippingCarrier	DTYPE_TEXT	30	N	
Shipping Charges	ShippingCharges	DTYPE_TEXT		N	
Shipping Method	ShippingMethod	DTYPE_TEXT	30	N	
Shipping Terms	ShippingTerms	DTYPE_TEXT	30	N	
Single Source	SingleSource	DTYPE_TEXT		N	
Smart Part Number	SmartPartNumber	DTYPE_TEXT	250	N	
Source Inventory Location Integration Id	SourceInventoryLocationIntegrationId	DTYPE_TEXT	30	N	
Source Inventory Location	SourceInventoryLocation	DTYPE_TEXT	100	N	
Source Inventory Location Id	SourceInventoryLocationId	DTYPE_ID		N	
Start Price	StartPrice	DTYPE_TEXT		N	
Status	Status	DTYPE_TEXT	30	N	
Status As Of Date	StatusAsOfDate	DTYPE_TEXT		N	
Tax Amount	TaxAmount	DTYPE_TEXT		N	
Unit Price	UnitPrice	DTYPE_TEXT		N	Added for UAN 1.0.
Unit of Measure	UnitofMeasure	DTYPE_TEXT	30	N	
Volume	Volume	DTYPE_NUMBER		N	

Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Volume Unit of Measure	VolumeUnitofMeasure	DTYPE_TEXT	30	N	
Weight	Weight	DTYPE_NUMBER		N	
Weight Unit of Measure	WeightUnitofMeasure	DTYPE_TEXT	30	N	
operation	operation	DTYPE_TEXT	30	N	
<b>Orders</b>					
Account	Account	DTYPE_TEXT	100	N	
Account DUNS Number	AccountDUNSNumber	DTYPE_TEXT	9	N	
Account Id	AccountId	DTYPE_ID		N	
Account Integration Id	AccountIntegrationId	DTYPE_TEXT	30	N	
Account Site	AccountSite	DTYPE_TEXT	100	N	
Active	Active	DTYPE_TEXT		N	
Approved	Approved	DTYPE_TEXT		N	
Approved By	ApprovedBy	DTYPE_TEXT		N	
Approved By Date	ApprovedByDate	DTYPE_TEXT		N	
Available Date	AvailableDate	DTYPE_TEXT		N	
Available Status	AvailableStatus	DTYPE_TEXT	30	N	
Available Status As Of Date	AvailableStatusAsOfDate	DTYPE_TEXT		N	
Bill To - First Name	BillTo-FirstName	DTYPE_TEXT	50	N	
Bill To - Last Name	BillTo-LastName	DTYPE_TEXT	50	N	
Bill To Account	BillToAccount	DTYPE_TEXT	100	N	

Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Bill To Account DUNS Number	BillToAccountDUNSNumber	DTYPE_TEXT	9	N	
Bill To Account Id	BillToAccountId	DTYPE_ID		N	
Bill To Account Integration Id	BillToAccountIntegrationId	DTYPE_TEXT	30	N	
Bill To Account Site	BillToAccountSite	DTYPE_TEXT	50	N	
Bill To Address	BillToAddress	DTYPE_TEXT	50	N	
Bill To Address 2	BillToAddress2	DTYPE_TEXT	50	N	
Bill To Address Id	BillToAddressId	DTYPE_ID		N	
Bill To Address Integration Id	BillToAddressIntegrationId	DTYPE_TEXT	30	N	
Bill To City	BillToCity	DTYPE_TEXT	30	N	
Bill To Contact Id	BillToContactId	DTYPE_ID		N	
Bill To Contact Integration Id	BillToContactIntegrationId	DTYPE_TEXT	30	N	
Bill To Country	BillToCountry	DTYPE_TEXT	15	N	
Bill To State	BillToState	DTYPE_TEXT	30	N	
Bill To Zip	BillToZip	DTYPE_TEXT	15	N	
Billable Flag	BillableFlag	DTYPE_TEXT		N	
Billing Block	BillingBlock	DTYPE_TEXT	30	N	
Campaign Id	CampaignId	DTYPE_ID		N	

Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Campaign Integration Id	CampaignIntegrationId	DTYPE_TEXT	30	N	
Campaign Name	CampaignName	DTYPE_TEXT	100	N	
Carrier	Carrier	DTYPE_TEXT	30	N	
Carrier Priority	CarrierPriority	DTYPE_TEXT	30	N	
Comments	Comments	DTYPE_TEXT	250	N	
Contact First Name	ContactFirstName	DTYPE_TEXT	50	N	
Contact Id	ContactId	DTYPE_ID		N	
Contact Integration Id	ContactIntegrationId	DTYPE_TEXT	30	N	
Contact Last Name	ContactLastName	DTYPE_TEXT	50	N	
Contract Id	ContractId	DTYPE_ID		N	
Contract Integration Id	ContractIntegrationId	DTYPE_TEXT	30	N	
Contract Name	ContractName	DTYPE_TEXT	50	N	
Credit Status	CreditStatus	DTYPE_TEXT		N	
Currency Code	CurrencyCode	DTYPE_TEXT	20	N	
Delivery Status	DeliveryStatus	DTYPE_TEXT	30	N	
Description	Description	DTYPE_TEXT	255	N	
Destination Inventory Id	DestinationInventoryLocationId	DTYPE_ID		N	
Destination Inventory Location	DestinationInventoryLocation	DTYPE_TEXT	100	N	

Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Destination Inventory Location Integration Id	DestinationInventoryLocationIntegrationId	DTYPE_TEXT	30	N	
Discount Amount	DiscountAmount	DTYPE_TEXT		N	
Entitlement Id	EntitlementId	DTYPE_ID		N	
Entitlement Name	EntitlementName	DTYPE_TEXT	50	N	
External Order Number	ExternalOrderNumber	DTYPE_TEXT		N	
Hold Flag	HoldFlag	DTYPE_TEXT		N	
Hold Reason	HoldReason	DTYPE_TEXT	30	N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Integration Message	IntegrationMessage	DTYPE_TEXT	2,000	N	
Integration Status	IntegrationStatus	DTYPE_TEXT	30	N	
Integration Status As Of Date	IntegrationStatusAsOfDate	DTYPE_TEXT		N	
Opportunity Id	OpportunityId	DTYPE_ID		N	
Opportunity Integration Id	OpportunityIntegrationId	DTYPE_TEXT	30	N	
Opportunity Name	OpportunityName	DTYPE_TEXT	100	N	
Order Date	OrderDate	DTYPE_TEXT		N	
Order Number	OrderNumber	DTYPE_TEXT	30	N	

Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Order Priority	OrderPriority	DTYPE_TEXT	30	N	
Order Type	OrderType	DTYPE_TEXT	30	N	
Order Type Id	OrderTypeId	DTYPE_ID		N	
Organization DUNS Number	OrganizationDUNSNumber	DTYPE_TEXT	9	N	
Parent Order Id	ParentOrderId	DTYPE_ID		N	
Partial Ship	PartialShip	DTYPE_TEXT		N	
Pay To Account	PayToAccount	DTYPE_TEXT	100	N	
Pay To Account DUNS Number	PayToAccountDUNSNumber	DTYPE_TEXT	9	N	
Pay To Account Id	PayToAccountId	DTYPE_ID		N	
Pay To Account Integration Id	PayToAccountIntegrationId	DTYPE_TEXT	30	N	
Pay To Account Site	PayToAccountSite	DTYPE_TEXT	50	N	
Pay To Address Id	PayToAddressId	DTYPE_ID		N	
Pay To Address Integration Id	PayToAddressIntegrationId	DTYPE_TEXT	30	N	
Pay To Contact First Name	PayToContactFirstName	DTYPE_TEXT	50	N	
Pay To Contact Id	PayToContactId	DTYPE_ID		N	

Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Pay To Contact Integration Id	PayToContactIntegrationId	DTYPE_TEXT	30	N	
Pay To Contact Last Name	PayToContactLastName	DTYPE_TEXT	50	N	
Payment Term	PaymentTerm	DTYPE_TEXT	50	N	
Payment Term Id	PaymentTermId	DTYPE_ID		N	
Payment Term Integration Id	PaymentTermIntegrationId	DTYPE_TEXT	30	N	
Price List	PriceList	DTYPE_TEXT	50	N	
Price List Id	PriceListId	DTYPE_ID		N	
Price List Integration Id	PriceListIntegrationId	DTYPE_TEXT	30	N	
Pricing Date	PricingDate	DTYPE_TEXT		N	
Primary Organization	PrimaryOrganization	DTYPE_TEXT	100	N	
Primary Organization Id	PrimaryOrganizationId	DTYPE_ID		N	
Project Id	ProjectId	DTYPE_ID		N	
Project Integration Id	ProjectIntegrationId	DTYPE_TEXT	30	N	
Project Name	ProjectName	DTYPE_TEXT	100	N	
Promotion Id	PromotionId	DTYPE_ID		N	
Purchase Order Number	PurchaseOrderNumber	DTYPE_TEXT	50	N	
Quote Id	QuoteId	DTYPE_ID		N	



Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Quote Integration Id	QuoteIntegrationId	DTYPE_TEXT	30	N	
Quote Number	QuoteNumber	DTYPE_TEXT	30	N	
Requested Date	RequestedDate	DTYPE_TEXT		N	
Return Reason	ReturnReason	DTYPE_TEXT	30	N	
Return To Account	ReturnToAccount	DTYPE_TEXT	100	N	
Return To Account DUNS Number	ReturnToAccountDUNSNumber	DTYPE_TEXT	9	N	
Return To Account Id	ReturnToAccountId	DTYPE_ID		N	
Return To Account Integration Id	ReturnToAccountIntegrationId	DTYPE_TEXT	30	N	
Return To Account Site	ReturnToAccountSite	DTYPE_TEXT	50	N	
Return To Address Id	ReturnToAddressId	DTYPE_ID		N	
Return To Address Integration Id	ReturnToAddressIntegrationId	DTYPE_TEXT	30	N	
Return To Contact First Name	ReturnToContactFirstName	DTYPE_TEXT	50	N	
Return To Contact Id	ReturnToContactId	DTYPE_ID		N	
Return To Contact Integration Id	ReturnToContactIntegrationId	DTYPE_TEXT	30	N	

Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Return To Contact Last Name	ReturnToContactLastName	DTYPE_TEXT	50	N	
Revision	Revision	DTYPE_NUMBER		N	
Service Request Id	ServiceRequestId	DTYPE_ID		N	
Service Request Number	ServiceRequestNumber	DTYPE_TEXT		N	
Ship Complete	ShipComplete	DTYPE_TEXT		N	
Ship Instructions	ShipInstructions	DTYPE_TEXT	250	N	
Ship To - First Name	ShipTo-FirstName	DTYPE_TEXT	50	N	
Ship To - Last Name	ShipTo-LastName	DTYPE_TEXT	50	N	
Ship To Account	ShipToAccount	DTYPE_TEXT	100	N	
Ship To Account DUNS Number	ShipToAccountDUNSNumber	DTYPE_TEXT	9	N	
Ship To Account Id	ShipToAccountId	DTYPE_ID		N	
Ship To Account Integration Id	ShipToAccountIntegrationId	DTYPE_TEXT	30	N	
Ship To Account Site	ShipToAccountSite	DTYPE_TEXT	50	N	
Ship To Address	ShipToAddress	DTYPE_TEXT	50	N	
Ship To Address 2	ShipToAddress2	DTYPE_TEXT	50	N	
Ship To Address Id	ShipToAddressId	DTYPE_ID		N	

Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Ship To Address Integration Id	ShipToAddressIntegrationId	DTYPE_TEXT	30	N	
Ship To City	ShipToCity	DTYPE_TEXT	30	N	
Ship To Contact Id	ShipToContactId	DTYPE_ID		N	
Ship To Contact Integration Id	ShipToContactIntegrationId	DTYPE_TEXT	30	N	
Ship To Country	ShipToCountry	DTYPE_TEXT	15	N	
Ship To State	ShipToState	DTYPE_TEXT	30	N	
Ship To Zip	ShipToZip	DTYPE_TEXT	15	N	
Shipping Charges	ShippingCharges	DTYPE_TEXT		N	
Shipping Method	ShippingMethod	DTYPE_TEXT	30	N	
Shipping Terms	ShippingTerms	DTYPE_TEXT	30	N	
Shipping Terms Info	FreightTermsInfo	DTYPE_TEXT	100	N	
Source Inventory Id	SourceInventoryLocationId	DTYPE_ID		N	
Source Inventory Loc Integration Id	SourceInventoryLocationIntegrationId	DTYPE_TEXT	30	N	
Source Inventory Location	SourceInventoryLocation	DTYPE_TEXT	100	N	
Status	Status	DTYPE_TEXT	30	N	
Status As Of Date	StatusAsOfDate	DTYPE_TEXT		N	
Submit Date	SubmitDate	DTYPE_TEXT		N	

Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Tax Amount	TaxAmount	DTYPE_TEXT		N	
Tax Exempt	TaxExempt	DTYPE_TEXT		N	
Tax Exempt Code	TaxExemptCode	DTYPE_TEXT	80	N	
Tax Exempt Id	TaxExemptId	DTYPE_TEXT	30	N	
Tax Rate	TaxRate	DTYPE_NUMBER		N	
Total Volume	TotalVolume	DTYPE_NUMBER		N	
Total Volume UoM	TotalVolumeUoM	DTYPE_TEXT	30	N	
Total Weight	TotalWeight	DTYPE_NUMBER		N	
Total Weight UoM	TotalWeightUoM	DTYPE_TEXT	30	N	
operation	operation	DTYPE_TEXT	30	N	
<b>Payments</b>					
Account Number	AccountNumber	DTYPE_TEXT	50	N	
Authorization Code	AuthorizationCode	DTYPE_TEXT	40	N	
Bill To Address Id	BillToAddressId	DTYPE_ID		N	
Bill To Address Integration Id	BillToAddressIntegrationId	DTYPE_TEXT	30	N	
Card Holder	CardHolder	DTYPE_TEXT	50	N	
Credit Card Expiration Month	CreditCardExpirationMonth	DTYPE_TEXT	30	N	
Credit Card Expiration Year	CreditCardExpirationYear	DTYPE_TEXT	30	N	
Credit Check Message	CreditCheckMessage	DTYPE_TEXT	250	N	
Credit Check Status	CreditCheckStatus	DTYPE_TEXT	30	N	

Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Credit Check Status As Of Date	CreditCheckStatusAsOfDate	DTYPE_TEXT		N	
Encryption Key	EncryptionKey	DTYPE_TEXT	30	N	
Encryption Key Reference	EncryptionKeyReference	DTYPE_TEXT	30	N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Issuing Bank Customer Id	IssuingBankCustomerId	DTYPE_TEXT	30	N	
Issuing Bank Name	IssuingBankName	DTYPE_TEXT	30	N	
Issuing Bank Phone Number	IssuingBankPhoneNumber	DTYPE_TEXT	40	N	
Merchant Id	MerchantId	DTYPE_TEXT	30	N	
Payment #	Payment	DTYPE_TEXT	30	N	
Payment Account Id	PaymentAccountId	DTYPE_ID		N	
Payment Account Integration Id	PaymentAccountIntegrationId	DTYPE_TEXT	30	N	
Payment Account Name	PaymentAccountName	DTYPE_TEXT	100	N	
Payment Account Site	PaymentAccountSite	DTYPE_TEXT	50	N	
Payment Method	PaymentMethod	DTYPE_TEXT	30	N	
Payment Status	PaymentStatus	DTYPE_TEXT	30	N	
Payment Status As Of Date	PaymentStatusAsOfDate	DTYPE_DATETIME		N	

Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Payment Type	PaymentType	DTYPE_TEXT	30	N	
Transaction Amount	TransactionAmount	DTYPE_TEXT		N	
Transaction Id	TransactionId	DTYPE_TEXT	30	N	
Transaction Time	TransactionTime	DTYPE_TEXT	30	N	
Verification Number	VerificationNumber	DTYPE_TEXT	10	N	
operation	operation	DTYPE_TEXT	30	N	
<b>Promised Schedule Lines</b>					
Available Status	AvailableStatus	DTYPE_TEXT	30	N	
Available Status As Of Date	AvailableStatusAsOfDate	DTYPE_TEXT		N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Line Item Action Number	LineItemActionNumber	DTYPE_TEXT		N	
Order Item Id	OrderItemId	DTYPE_ID		N	
Order Item Integration Id	OrderItemIntegrationId	DTYPE_TEXT	30	N	
Part Number	PartNumber	DTYPE_TEXT	50	N	
Product Id	ProductId	DTYPE_ID		N	
Product Integration Id	ProductIntegrationId	DTYPE_TEXT	30	N	
Product Name	ProductName	DTYPE_TEXT	100	N	
Promised Date	PromisedDate	DTYPE_TEXT		N	

Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Promised Quantity	PromisedQuantity	DTYPE_NUMBER		N	
Source Inventory Location	SourceInventoryLocation	DTYPE_TEXT	100	N	
Source Inventory Location Id	SourceInventoryLocationId	DTYPE_ID		N	
Source Inventory Location Integration Id	SourceInventoryLocationIntegrationId	DTYPE_TEXT	30	N	
operation	operation	DTYPE_TEXT	30	N	
<b>Related Organization</b>					
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Organization	Organization	DTYPE_TEXT	50	N	
Organization Id	OrganizationId	DTYPE_ID		N	
<b>Related Sales Rep</b>					
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Login	Login	DTYPE_TEXT	50	N	
Position	Position	DTYPE_TEXT	50	N	
<b>Requested Schedule Lines</b>					
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Line Number	LineNumber	DTYPE_NUMBER		N	

Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Order Item Id	OrderItemId	DTYPE_ID		N	
Requested Date	RequestedDate	DTYPE_TEXT		N	
Requested Quantity	RequestedQuantity	DTYPE_NUMBER		N	
Source Inventory Location	SourceInventoryLocation	DTYPE_TEXT	100	N	
Source Inventory Location Id	SourceInventoryLocationId	DTYPE_ID		N	
Source Inventory Location Integration Id	SourceInventoryLocationIntegrationId	DTYPE_TEXT	30	N	
operation	operation	DTYPE_TEXT	30	N	
<b>Related Shipment</b>					
Carrier	Carrier	DTYPE_TEXT	30	N	Added for UAN 1.0.
Destination Inventory Location Id	DestinationInventoryId	DTYPE_ID	15	N	Added for UAN 1.0.
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Shipment Number	ShipmentNumber	DTYPE_TEXT	30	N	
Source Inventory Location Id	SourceInventoryId	DTYPE_ID	15	N	Added for UAN 1.0.
Waybill Number	WaybillNumber	DTYPE_TEXT	50	N	Added for UAN 1.0.
operation	operation	DTYPE_TEXT		N	

**Shipment Item**



Table 50. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Confirmed Qty	ConfirmedQty	DTYPE_NUMBER		N	Added for UAN 1.0.
Delivery Date	DeliveryDate	DTYPE_DATETIME		N	Added for UAN 1.0.
Delivery Qty	DeliveryQty	DTYPE_NUMBER		N	Added for UAN 1.0.
Id	Id	DTYPE_ID		N	Added for UAN 1.0.
Integration Id	IntegrationId	DTYPE_TEXT		N	Added for UAN 1.0.
Order Line Id	OrderLineId	DTYPE_ID		N	Added for UAN 1.0.
Product Id	ProductId	DTYPE_ID		N	Added for UAN 3.0.
Shipment Date	ShipmentDate	DTYPE_DATETIME		N	Added for UAN 1.0.
Shipment Line Number	ShipmentLineNumber	DTYPE_TEXT		N	Added for UAN 1.0.
Shipment Qty	ShipmentQty	DTYPE_NUMBER		N	Added for UAN 1.0.
operation	operation	DTYPE_TEXT		N	

## Siebel Position

The Siebel Position ASI is based on the Position Interface integration object, which is based on the Position integration component and the Position business component. [Figure 25](#) describes the Siebel Position ASI structure.

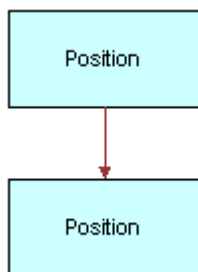


Figure 25. Siebel Position ASI

Table 51 lists the integration components and user keys of this ASI.

Table 51. Siebel Position Integration Components

Integration Component	Business Component	XML Tag	User Keys
Position	Position	Position	<b>1</b> App Id <b>2</b> Integration Id <b>3</b> Division <b>4</b> Name

The Siebel Position ASI uses the same user keys as the Position Interface integration component and has 19 fields. You can use these fields for the integration, which means that values for each of these fields may be written to an XML file for transport. Table 52 lists the fields and their attributes.

Table 52. Siebel Position ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Billing Product	BillingProduct	DTYPE_TEXT	100	N	
Billing Product Id	BillingProductId	DTYPE_ID		N	
Billing Product Integration Id	BillingProductIntegrationId	DTYPE_TEXT	30	N	
Compensatable	Compensatable	DTYPE_TEXT		N	
Description	Description	DTYPE_TEXT	255	N	
Division	Division	DTYPE_TEXT	255	Y	
Division Id	DivisionId	DTYPE_ID		Y	
Division Integration Id	DivisionIntegrationId	DTYPE_TEXT	30	N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Name	Name	DTYPE_TEXT	50	Y	
Organization	Organization	DTYPE_TEXT	255	N	
Organization Id	OrganizationId	DTYPE_ID		N	
Organization Integration Id	OrganizationIntegrationId	DTYPE_TEXT	30	N	
Parent Position Id	ParentPositionId	DTYPE_ID		N	

Table 52. Siebel Position ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Parent Position Integration Id	ParentPositionIntegrationId	DTYPE_TEXT	30	N	
Parent Position Name	ParentPositionName	DTYPE_TEXT	50	N	
Position Type	PositionType	DTYPE_TEXT	30	N	
operation	operation	DTYPE_TEXT	30	N	

## Siebel Price List

A price list is a set of standard prices for products and services. Price lists contain the prices a buyer first sees, before any pricing adjustments have occurred. A product must be assigned a price in a given price list in order to appear in a catalog and to become visible to customers.

A product's price, as defined in the price list, is commonly used as a starting price for other prices generated by the Siebel Pricer application.

This inbound ASI enables the synchronization and update of a price list and the price list items.

Figure 26 describes the Siebel Price List ASI structure.

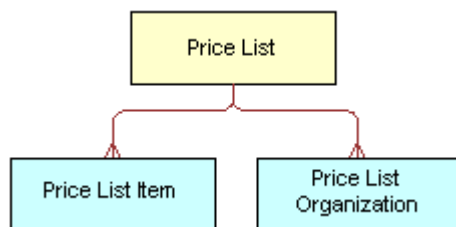


Figure 26. Siebel Price List ASI

Table 53 lists the integration components and user keys of this ASI.

Table 53. Siebel Price List Integration Components

Integration Component	XML Tag	User Keys
Price List	PriceList	<b>1</b> Integration Id <b>2</b> Id <b>3</b> Name, Type
Price List Item	PriceListItem	<b>1</b> Integration Id <b>2</b> Id <b>3</b> List Price Type Code, Price List Id, Product Id
Price List_Organization	PriceList_Organization	<b>1</b> Integration Id <b>2</b> Division Id

Table 54 lists the fields and their attributes. Fields without a length specified do not have a maximum length.

Table 54. Siebel Price List ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
<b>Price List</b>					
Currency Code	CurrencyCode	DTYPE_TEXT	15	N	
Description	Description	DTYPE_TEXT	255	N	
End Date	EndDate	DTYPE_TEXT		N	
Freight Terms	FreightTerms	DTYPE_TEXT	30	N	
Id	Id	DTYPE_ID	30	N	Used for picking a related entity. This read-only field is automatically populated by the Siebel application on insertion and cannot be updated.
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Name	Name	DTYPE_TEXT	50	N	
Payment Term	PaymentTerm	DTYPE_TEXT	50	N	
Payment Term Id	PaymentTerm Id	DTYPE_ID		N	Used for picking a related entity.

Table 54. Siebel Price List ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Primary Organization	PrimaryOrganization	DTYPE_TEXT	50	N	
Primary Organization Id	PrimaryOrganizationId	DTYPE_ID		N	Used for picking a related entity.
Shipping Method	ShippingMethod	DTYPE_TEXT	30	N	
Start Date	StartDate	DTYPE_TEXT		N	
Type	Type	DTYPE_TEXT	30	N	
operation	operation	DTYPE_TEXT	30	N	
<b>Price List Item</b>					
End Date	EndDate	DTYPE_TEXT		N	
Id	Id	DTYPE_ID	30	N	Used for picking a related entity. This read-only field is automatically populated by the Siebel application on insertion and cannot be updated.
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
List Price Type Code	ListPriceTypeCode	DTYPE_TEXT	30	N	
Original List Price	OriginalListPrice	DTYPE_TEXT		N	
Price List Id	PriceListId	DTYPE_ID		N	Used for picking a related entity. This read-only field is automatically populated by the Siebel application on insertion and cannot be updated.
Product Id	ProductId	DTYPE_ID		N	Used for picking a related entity.
Promotional Price	PromotionalPrice	DTYPE_TEXT		N	
Start Date	StartDate	DTYPE_TEXT		N	
operation	operation	DTYPE_TEXT	30	N	
<b>Price List_Organization</b>					
Division Id	DivisionId	DTYPE_ID	30	N	

Table 54. Siebel Price List ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
operation	operation	DTYPE_TEXT	30	N	

## Siebel ATP Response/External ATP Check

The Siebel ATP Response/External ATP Check ASI enables a customer to check for a quantity of goods that is available for delivery in the desired time frame, and for the price of these goods in the external system. Siebel ATP Response/External ATP Check uses two ASIs for request and response, which use the same components and field definitions. [Figure 27](#) describes the structure of this ASI.

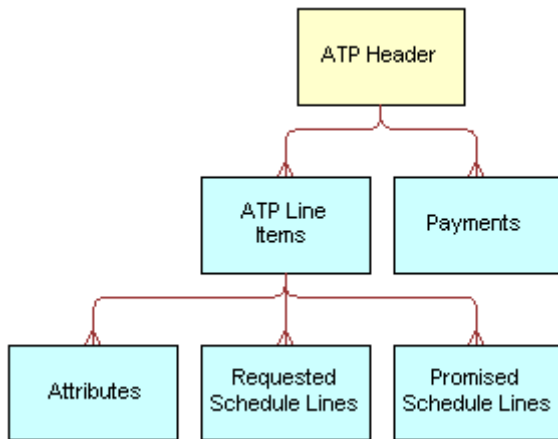


Figure 27. Siebel ATP Response/External ATP Check ASI

Table 55 lists the XML tags and user keys for this ASI.

Table 55. Siebel ATP Response/External ATP Check Integration Components

Integration Component	XML Tag	User Keys
ATP Header	ATPHeader	<b>1</b> Id <b>2</b> Order Number, Organization Type, Revision <b>3</b> Order Number, Revision <b>4</b> Id
ATP Line Items	ATPLineItems	<b>1</b> Line Number <b>2</b> Id
Attributes	Attributes	<b>1</b> Id
Payments	Payments	<b>1</b> Id
Promised Schedule Line	PromisedScheduleLine	<b>1</b> Integration Id

Table 56 lists the fields and definitions of the Siebel ATP Response/External ATP Check ASI. Fields without a length specified do not have a maximum length associated with them.

Table 56. Siebel ATP Response/External ATP Check ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>ATPHeader</b>				
Account	Account	DTYPE_TEXT		N
Account Id	AccountId	DTYPE_TEXT		N
Account Integration Id	AccountIntegrationId	DTYPE_TEXT		N
Available Date	AvailableDate	DTYPE_TEXT		N
Available Message	AvailableMessage	DTYPE_TEXT		N
Available Status	AvailableStatus	DTYPE_TEXT		N
Available Status As Of Date	AvailableStatusAsOfDate	DTYPE_TEXT		N
Carrier	Carrier	DTYPE_TEXT		N

Table 56. Siebel ATP Response/External ATP Check ASI Fields

Name	XML Tag	Data Type	Length	Required
Contact First Name	ContactFirstName	DTYPE_TEXT		N
Contact Id	ContactId	DTYPE_TEXT		N
Contact Last Name	ContactLastName	DTYPE_TEXT		N
Currency Code	CurrencyCode	DTYPE_TEXT		N
Document Type Id	DocumentTypeId	DTYPE_TEXT		N
Header Number	HeaderNumber	DTYPE_TEXT		N
Id	HeaderRowId	DTYPE_TEXT		N
Integration Id	IntegrationId	DTYPE_TEXT		N
Name	Name	DTYPE_TEXT		N
Order Date	OrderDate	DTYPE_TEXT		N
Order Priority	OrderPriority	DTYPE_TEXT		N
Organization	Organization	DTYPE_TEXT		N
Organization DUNS Number	OrganizationDUNSNumber	DTYPE_TEXT		N
Organization Id	OrganizationId	DTYPE_TEXT		N
Organization Integration Id	OrganizationIntegrationId	DTYPE_TEXT		N
Requested Date	RequestedDate	DTYPE_TEXT		N
Revision	Revision	DTYPE_NUMBER		N
Ship Complete Flag	ShipCompleteFlag	DTYPE_TEXT		N
Ship To Account	ShipToAccount	DTYPE_TEXT		N
Ship To Account Id	ShipToAccountId	DTYPE_TEXT		N
Ship To Account Integration Id	ShipToAccountIntegrationId	DTYPE_TEXT		N



Table 56. Siebel ATP Response/External ATP Check ASI Fields

Name	XML Tag	Data Type	Length	Required
Ship To Address	ShipToAddress	DTYPE_TEXT		N
Ship To Address Id	ShipToAddressId	DTYPE_TEXT		N
Ship To Address Integration Id	ShipToAddressIntegrationId	DTYPE_TEXT		N
Ship To City	ShipToCity	DTYPE_TEXT		N
Ship To Country	ShipToCountry	DTYPE_TEXT		N
Ship To First Name	ShipToFirstName	DTYPE_TEXT		N
Ship To Last Name	ShipToLastName	DTYPE_TEXT		N
Ship To Site	ShipToSite	DTYPE_TEXT		N
Ship To State	ShipToState	DTYPE_TEXT		N
Ship To Zip	ShipToZip	DTYPE_TEXT		N
Shipping Method	ShippingMethod	DTYPE_TEXT		N
Shipping Terms	ShippingTerms	DTYPE_TEXT		N
Shipping Terms Info	ShippingTermsInfo	DTYPE_TEXT		N
Single Delivery	SingleDelivery	DTYPE_TEXT		N
Source Inventory Loc Id	SourceInventoryLocId	DTYPE_TEXT		N
Source Inventory Loc Integration Id	SourceInventoryLocIntegrationId	DTYPE_TEXT		N
Source Inventory Location	SourceInventoryLocation	DTYPE_TEXT		N
Time To Reserve	TimeToReserve	DTYPE_TEXT		N

Table 56. Siebel ATP Response/External ATP Check ASI Fields

Name	XML Tag	Data Type	Length	Required
Time To Reserve UOM	TimeToReserveUOM	DTYPE_TEXT		N
operation	operation	DTYPE_TEXT	30	N
<b>ATPLineItems</b>				
ATP Message Line	ATPMessageLine	DTYPE_TEXT		N
Available Date	AvailableDate	DTYPE_TEXT		N
Available Quantity	AvailableQuantity	DTYPE_TEXT		N
Available Status	AvailableStatus	DTYPE_TEXT		N
Available Status As Of Date	AvailableStatusAsOfDate	DTYPE_TEXT		N
Carrier	Carrier	DTYPE_TEXT		N
Extended Quantity	ExtendedQuantity	DTYPE_TEXT		N
Id	RowId	DTYPE_TEXT		N
Integration Id	IntegrationId	DTYPE_TEXT		N
Item Price	ItemPrice	DTYPE_TEXT		N
Line Number	LineNumber	DTYPE_TEXT		N
Minimum Lot Size	MinimumLotSize	DTYPE_TEXT		N
Net Price	NetPrice	DTYPE_TEXT		N
Package	Package	DTYPE_TEXT		N
Parent Row Id	ParentRowId	DTYPE_TEXT		N
Parent Row Line Number	ParentRowLineNumber	DTYPE_TEXT		N
Part Number	PartNumber	DTYPE_TEXT		N
Product Global Identifier	ProductGlobalIdentifier	DTYPE_TEXT		N
Product Id	ProductId	DTYPE_TEXT		N
Product Integration Id	ProductIntegrationId	DTYPE_TEXT		N

Table 56. Siebel ATP Response/External ATP Check ASI Fields

Name	XML Tag	Data Type	Length	Required
Product Status Code	ProductStatusCode	DTYPE_TEXT		N
Product Unit Of Measure	ProductUnitOfMeasure	DTYPE_TEXT		N
Requested Date	RequestedDate	DTYPE_TEXT		N
Requested Quantity	RequestedQuantity	DTYPE_TEXT		N
Rollup Item Price	RollupItemPrice	DTYPE_TEXT		N
Sales Unit Of Measure	SalesUnitOfMeasure	DTYPE_TEXT		N
Ship Complete Flag	ShipCompleteFlag	DTYPE_TEXT		N
Ship To Account Id	ShipToAccountId	DTYPE_TEXT		N
Ship To Account Integration Id	ShipToAccountIntegrationId	DTYPE_TEXT		N
Ship To Address	ShipToAddress	DTYPE_TEXT		N
Ship To Address Id	ShipToAddressId	DTYPE_TEXT		N
Ship To Address Integration Id	ShipToAddressIntegrationId	DTYPE_TEXT		N
Ship To City	ShipToCity	DTYPE_TEXT		N
Ship To Contact First Name	ShipToContactFirstName	DTYPE_TEXT		N
Ship To Contact Last Name	ShipToContactLastName	DTYPE_TEXT		N
Ship To Country	ShipToCountry	DTYPE_TEXT		N
Ship To State	ShipToState	DTYPE_TEXT		N
Ship To Zip	ShipToZip	DTYPE_TEXT		N

Table 56. Siebel ATP Response/External ATP Check ASI Fields

Name	XML Tag	Data Type	Length	Required
Shipping Method	ShippingMethod	DTYPE_TEXT		N
Shipping Terms	ShippingTerms	DTYPE_TEXT		N
Single Delivery	SingleDelivery	DTYPE_TEXT		N
Smart Part Number	SmartPartNumber	DTYPE_TEXT		N
Source Inventory Loc Id	SourceInventoryLocId	DTYPE_TEXT		N
Source Inventory Location	SourceInventoryLocation	DTYPE_TEXT		N
Source Inventory Location Integration Id	SourceInventoryLocIntegrationId	DTYPE_TEXT		N
Start Price	StartPrice	DTYPE_TEXT		N
Time To Reserve	TimeToReserve	DTYPE_TEXT		N
Time To Reserve UOM	TimeToReserveUOM	DTYPE_TEXT		N
Unit Of Measure	UnitOfMeasure	DTYPE_TEXT		N
Unit Price	UnitPrice	DTYPE_TEXT		N
operation	operation	DTYPE_TEXT	30	N
<b>Attributes</b>				
Description	AttributeDescription	DTYPE_TEXT		N
Id	AttributeId	DTYPE_ID		N
Name	AttributeName	DTYPE_TEXT		N
Value	AttributeValue	DTYPE_TEXT		N
operation	operation	DTYPE_TEXT	30	N
<b>Payments</b>				
Credit Check Message	CreditCheckMessage	DTYPE_TEXT		N

Table 56. Siebel ATP Response/External ATP Check ASI Fields

Name	XML Tag	Data Type	Length	Required
Credit Check Status	CreditCheckStatus	DTYPE_TEXT		N
Credit Check Status As Of Date	CreditCheckStatusAsOfDate	DTYPE_TEXT		N
Id	Id	DTYPE_TEXT		N
Payment Method	PaymentMethod	DTYPE_TEXT		N
Transaction Amount	TransactionAmount	DTYPE_TEXT		N
operation	operation	DTYPE_TEXT		N
<b>PromisedScheduleLine</b>				
Available Date	AvailableDate	DTYPE_TEXT		N
Available Quantity	AvailableQuantity	DTYPE_TEXT		N
Available Status	AvailableStatus	DTYPE_TEXT		N
Available Status As Of Date	AvailableStatusAsOfDate	DTYPE_TEXT		N
Id	Id	DTYPE_TEXT		N
Line Number	LineNumber	DTYPE_TEXT		N
Part Number	PartNumber	DTYPE_TEXT		N
Product Id	ProductId	DTYPE_TEXT		N
Product Integration Id	ProductIntegrationId	DTYPE_TEXT		N
Source Inventory Loc Id	SourceInventoryLocId	DTYPE_TEXT		N
Source Inventory Loc Integration Id	SourceInventoryLocIntegrationId	DTYPE_TEXT		N
Source Inventory Location	SourceInventoryLocation	DTYPE_TEXT		N
operation	operation	DTYPE_TEXT	30	N

## External Credit Check

The External Credit Check ASI is an ASI for quote and order management-related business processes. This ASI enables the Siebel application to request a credit check from a back-office or credit management system. There are two ASIs for External Credit Check—one for requests and one for responses.

### Credit Check Request

The Credit Check Request ASI is an outbound call that triggers the back-office credit limit check business service in an order, and populates the credit status check result in the Siebel application. The Siebel application issues a warning; if a customer does have a sufficient credit limit, the status shown indicates failure.

Figure 28 describes the structure of this ASI.

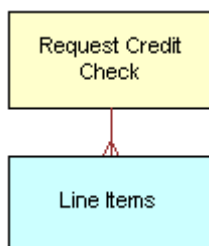


Figure 28. Credit Check Request

Table 57 lists the integration component of this ASI.

Table 57. Credit Check Request Integration Components

Integration Component	XML Tag	User Keys
Line Items	LineItems	
Request Credit Check	RequestCreditCheck	

Table 58 lists the fields and definitions. Fields without a length specified do not have a maximum length associated with them.

Table 58. Credit Check Request ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
<b>Request Credit Check</b>					
Amount	Amount	DTYPE_NUMB ER		N	

Table 58. Credit Check Request ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Bill To Account Id	BillToAccountId	DTYPE_ID	15	N	
Bill To Account Integration Id	BillToAccountIntegrationId	DTYPE_ID	30	N	
Bill To Account Location	BillToAccountLocation	DTYPE_TEXT	50	N	
Bill To Account Name	BillToAccountName	DTYPE_TEXT	100	N	
Bill To Address Id	BillToAddressId	DTYPE_ID	15	N	
Bill To Alias	BillToAlias	DTYPE_TEXT	50	N	
Bill To City	BillToCity	DTYPE_TEXT	50	N	
Bill To Country	BillToCountry	DTYPE_TEXT	50	N	
Bill To County	BillToCounty	DTYPE_TEXT	50	N	
Bill To DUNS Number	BillToDUNSNumber	DTYPE_TEXT	15	N	
Bill To Postal Code	BillToPostalCode	DTYPE_TEXT	30	N	
Bill To Primary Organization Id	BillToPrimaryOrganizationId	DTYPE_ID	15	N	
Bill To Primary Organization Name	BillToPrimaryOrganizationName	DTYPE_TEXT	100	N	
Bill To Province	BillToProvince	DTYPE_TEXT	50	N	
Bill To State	BillToState	DTYPE_TEXT	10	N	
Bill To Street Address	BillToStreetAddress	DTYPE_TEXT	200	N	
Bill To Street Address 2	BillToStreetAddress2	DTYPE_TEXT	100	N	
Bill To VAT Registration Number	BillToVATRegistrationNumber	DTYPE_TEXT	30	N	
Currency	Currency	DTYPE_TEXT	20	N	
Document Id	DocumentId	DTYPE_TEXT	30	Y	
Document Integration Id	DocumentIntegrationId	DTYPE_TEXT	30	N	

Table 58. Credit Check Request ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Document Type	DocumentType	DTYPE_TEXT	10	Y	Contains either Quote or Order value.
Order Type Id	OrderTypeId	DTYPE_ID	15	N	Applicable only if Document Type is Order.

**Line Items**

Extended Quantity	ExtendedQuantity	DTYPE_NUMBER	22	N	
Id	Id	DTYPE_ID	15	N	
Item Price	ItemPrice	DTYPE_NUMBER	22	N	
Line Number	LineNumber	DTYPE_NUMBER	22	N	
Net Price	NetPrice	DTYPE_NUMBER	22	N	
Parent Order Item Number	ParentOrderItemNumber	DTYPE_NUMBER	22	N	
Product Id	ProductId	DTYPE_ID	15	N	
Quantity Requested	QuantityRequested	DTYPE_NUMBER	22	N	
Rollup Item Price	RollupItemPrice	DTYPE_NUMBER	22	N	
Start Price	StartPrice	DTYPE_NUMBER	22	N	
Unit Price	UnitPrice	DTYPE_NUMBER	22	N	

## Credit Check Response

Table 59 lists the integration component of this ASI.

Table 59. Credit Check Response Integration Components

Integration Component	XML Tag	User Keys
Request Credit Check Response	RequestCreditCheckResponse	No user keys.



Table 60 lists the fields and attributes of this ASI.

Table 60. Credit Check Response ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
<b>Request Credit Check Response</b>					
Bill To Account Id	BillToAccountId	DTYPE_ID	15	N	
Bill To Account Integration Id	BillToAccountIntegrationId	DTYPE_ID	30		
Bill To Account Location	BillToAccountLocation	DTYPE_TEXT	50	N	
Bill To Account Name	BillToAccountName	DTYPE_TEXT	100	N	
Bill To Primary Organization Id	BillToPrimaryOrganizationId	DTYPE_ID	15		
Bill To Primary Organization Name	BillToPrimaryOrganizationName	DTYPE_TEXT	100	N	
Credit Status As Of	CreditStatusAsOf	DTYPE_DATETIME		N	
Credit Status Code	CreditStatusCode	DTYPE_TEXT	30		
Credit Status Message	CreditStatusMessage	DTYPE_TEXT	250	N	
Document Id	DocumentId	DTYPE_ID	15	Y	
Document Integration Id	DocumentIntegrationId	DTYPE_TEXT	15		
Document Type	DocumentType	DTYPE_TEXT	10	Y	
Error Status	ErrorStatus	DTYPE_TEXT	30	Y	
Error Text	ErrorText	DTYPE_TEXT	250		

## External Shipment Tracking

The External Shipment Tracking ASI enables a customer to check the location and status of an order after it leaves the seller.

There are two ASIs for External Shipment Tracking—one for requests and one for responses.

## Shipment Tracking Interface Request

The Shipment Tracking Interface Request uses the Shipment Information Business Component. [Table 61](#) lists the components of this ASI.

Table 61. Shipment Tracking Interface Request Integration Components

Integration Component	XML Tag	User Keys
Shipment Information	ShipmentInformation	No user keys

[Table 62](#) lists the fields and their attributes.

Table 62. Shipment Tracking Interface Request ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Carrier	Carrier	DTYPE_TEXT	30		Used for picking a related entity.
Country Code	CountryCode	DTYPE_TEXT	10		
Language	Language	DTYPE_TEXT	10		
Package Tracking Number	PackageTrackingNumber	DTYPE_TEXT	40	C	Package tracking number (required if Shipment Identification Number or Shipment Reference Number is not provided).
Request Action	RequestAction	DTYPE_TEXT	20	Y	
Request Option	RequestOption	DTYPE_TEXT	20		
Shipment Identification Number	ShipmentIdentificationNumber	DTYPE_TEXT	50	C	Shipment tracking number (required if Package Tracking Number or Shipment Reference Number is not provided).

Table 62. Shipment Tracking Interface Request ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Shipment Reference Number	ShipmentReferenceNumber	DTYPE_TEXT	30	C	Shipment Reference number is defined by the seller (required if Package Tracking Number or Shipment Identification Number is not provided).
Shipper Number	ShipperNumber	DTYPE_TEXT	60	C	Required if Shipment Reference Number is provided.

## Shipment Tracking Interface Response

Figure 29 describes the structure for Shipment Tracking Interface Response.

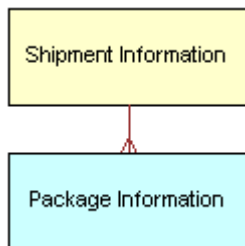


Figure 29. Shipment Tracking Interface Response ASI

Table 63 lists all the integration components of this ASI.

Table 63. Shipment Tracking Interface Response ASI Integration Components

Integration Component	XML Tag	User Keys
Shipment Information	ShipmentInformation	No user keys.
Package Information	PackageInformation	No user keys.

Table 64 lists the fields and their attributes. Fields without a length specified do not have a maximum length associated with them.

Table 64. Shipment Tracking Interface Response ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
<b>Shipment Information</b>					
Response Code	ResponseCode	DTYPE_TEXT	10	Y	
Response Message	ResponseMessage	DTYPE_TEXT	100	Y	
Shipment Identification Number	ShipmentIdentificationNumber	DTYPE_TEXT	50	C	Tracking number at the shipment level (logical construct). Conditionally required if Shipment Reference Number not provided.
Shipment Pickup Date	ShipmentPickupDate	DTYPE_UTCDATE TIME	10		
Shipment Reference Number	ShipmentReferenceNumber	DTYPE_TEXT	30	C	Conditionally required if Shipment Identification Number not provided.
Shipment Scheduled Delivery Date	ShipmentScheduledDeliveryDate	DTYPE_UTCDATE TIME	10		
Shipment Service Description	ShipmentServiceDescription	DTYPE_TEXT	100		
Shipment Ship To Address Line 1	ShipmentShipToAddressLine1	DTYPE_TEXT	200		
Shipment Ship To Address Line 2	ShipmentShipToAddressLine2	DTYPE_TEXT	100		
Shipment Ship To City	ShipmentShipToCity	DTYPE_TEXT	50		

Table 64. Shipment Tracking Interface Response ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Shipment Ship To Country	ShipmentShipToCountry	DTYPE_TEXT	30		
Shipment Ship To Postal Code	ShipmentShipToPostalCode	DTYPE_TEXT	30		
Shipment Ship To State	ShipmentShipToState	DTYPE_TEXT	10		
Shipper Number	ShipperNumber	DTYPE_TEXT	60	Y	
<b>Package Information</b>					
Comments	Comments	DTYPE_TEXT	100		
Package Activity Date	PackageActivityDate	DTYPE_DATE	20		
Package Activity Location City	PackageActivityLocationCity	DTYPE_TEXT	20		
Package Activity Location Country	PackageActivityLocationCountry	DTYPE_TEXT	20		
Package Activity Location Description	PackageActivityLocationDescription	DTYPE_TEXT	20		
Package Activity Location Signed For By Name	PackageActivityLocationSignedForByName	DTYPE_TEXT	20		
Package Activity Status Description	PackageActivityStatusDescription	DTYPE_TEXT	20		
Package Activity Time	PackageActivityTime	DTYPE_TIME	20		
Package Tracking Number	PackageTrackingNumber	DTYPE_TEXT	20	Y	
Response Code	ResponseCode	DTYPE_TEXT	10		
Response Message	ResponseMessage	DTYPE_TEXT	100		

# Siebel SIA Service Request

This ASI enables an application to create an SIA service request within the Siebel application. [Figure 30](#) describes the Siebel SIA Service Request ASI structure.

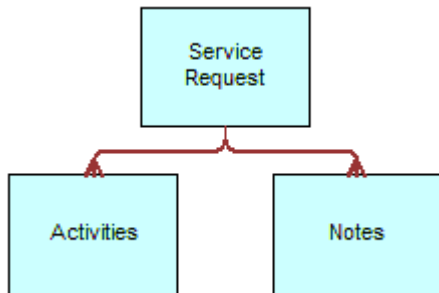


Figure 30. Siebel SIA Service Request ASI

[Table 65](#) lists the integration components of this ASI.

Table 65. Siebel SIA Service Request Integration Components

Name	XML Tag	User Keys
Action	Action	<b>1</b> Id <b>2</b> Activity UIId
Related Account External Product	AccountExternalProduct	<b>1</b> Id <b>2</b> AEP Account Id, AEP Product Id, Version
SR External Product	SRExternalProduct	<b>1</b> Name, Version
Service Request	ServiceRequest	<b>1</b> Id <b>2</b> Primary Organization Id, SR Number

[Table 66](#) lists the integration components and field attributes.

Table 66. Siebel SIA Service Request ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>Action</b>				
Abstract	Abstract	DTYPE_TEXT	100	N
Activity SR Id	ActivitySRId	DTYPE_ID	15	N

Table 66. Siebel SIA Service Request ASI Fields

Name	XML Tag	Data Type	Length	Required
Activity UID	ActivityUID	DTYPE_TEXT	30	N
Asset Id	AssetId	DTYPE_ID	15	N
Asset Number	AssetNumber	DTYPE_TEXT	100	N
Audience	Audience	DTYPE_TEXT	30	N
Comment	Comment	DTYPE_TEXT	1,500	N
Description	Description	DTYPE_TEXT	100	N
Done	Done	DTYPE_TEXT	30	N
Duration Hours	DurationHours	DTYPE_NUMBER	22	N
Duration Minutes	DurationMinutes	DTYPE_NUMBER	22	N
Id	Id	DTYPE_ID	30	N
Planned	Planned	DTYPE_TEXT	30	N
Planned Completion	PlannedCompletion	DTYPE_TEXT	30	N
Primary Owner Id	PrimaryOwnerId	DTYPE_ID	15	N
Resolution Code	ResolutionCode	DTYPE_TEXT	30	N
Started	Started	DTYPE_TEXT	30	N
Type	Type	DTYPE_TEXT	30	N
<b>Related Account External Product</b>				
AEP Account Id	AEPAccountId	DTYPE_ID	30	N
AEP Product Id	AEPProductId	DTYPE_ID	30	N
Id	Id	DTYPE_ID	30	N
Version	Version	DTYPE_TEXT	30	N
<b>SR External Product</b>				
Name	Name	DTYPE_TEXT	100	N
Version	Version	DTYPE_TEXT	30	N
<b>Service Request</b>				
Abstract	Abstract	DTYPE_TEXT	100	N

Table 66. Siebel SIA Service Request ASI Fields

Name	XML Tag	Data Type	Length	Required
Account	Account	DTYPE_TEXT	100	N
Account Id	AccountId	DTYPE_ID	15	N
Account Location	AccountLocation	DTYPE_TEXT	50	N
Agreement Id	AgreementId	DTYPE_ID	15	N
Asset Id	AssetId	DTYPE_ID	15	N
Closed Date	ClosedDate	DTYPE_TEXT	30	N
Commit Time	CommitTime	DTYPE_TEXT	30	N
Contact Business Phone	ContactBusinessPhone	DTYPE_TEXT	30	N
Contact Created	ContactCreated	DTYPE_TEXT	30	N
Contact First Name	ContactFirstName	DTYPE_TEXT	50	N
Contact Id	ContactId	DTYPE_ID	15	N
Contact Last Name	ContactLastName	DTYPE_TEXT	50	N
Customer Ref Number	CustomerRefNumber	DTYPE_TEXT	64	N
Description	Description	DTYPE_TEXT	2,000	N
Entitlement Id	EntitlementId	DTYPE_ID	15	N
Entitlement Name	EntitlementName	DTYPE_TEXT	50	N
Group Id	GroupId	DTYPE_ID	15	N
Id	Id	DTYPE_ID	30	N
Owned By Id	OwnedById	DTYPE_ID	15	N
Owner	Owner	DTYPE_TEXT	50	N
Primary Organization Id	PrimaryOrganizationId	DTYPE_ID	15	N
Primary Service Agreement Id	PrimaryServiceAgreementId	DTYPE_ID	15	N
Priority	Priority	DTYPE_TEXT	30	N



Table 66. Siebel SIA Service Request ASI Fields

Name	XML Tag	Data Type	Length	Required
Product	Product	DTYPE_TEXT	100	N
Product Id	ProductId	DTYPE_ID	15	N
SR Number	SRNumber	DTYPE_TEXT	64	N
SR Type	SRTYPE	DTYPE_TEXT	30	N
Serial Number	SerialNumber	DTYPE_TEXT	100	N
Service Request Type	ServiceRequestType	DTYPE_TEXT	30	N
Severity	Severity	DTYPE_TEXT	30	N
Source	Source	DTYPE_TEXT	30	N
Status	Status	DTYPE_TEXT	30	N
Sub-Area	Subarea	DTYPE_TEXT	30	N
Sub-Status	Sub-Status	DTYPE_TEXT	30	N
Type	Type	DTYPE_TEXT	30	N
operation	operation	DTYPE_TEXT	30	N
searchspec	searchspec	DTYPE_TEXT	250	N

## Siebel Service Request

The Siebel Service Request ASI is part of the Manage Service Request business process. Use this ASI to synchronize service requests in the Siebel application with an external target application. This ASI facilitates both outbound and inbound data synchronization between the Siebel application and an external target application.

Figure 31 describes the Siebel Service Request ASI structure.

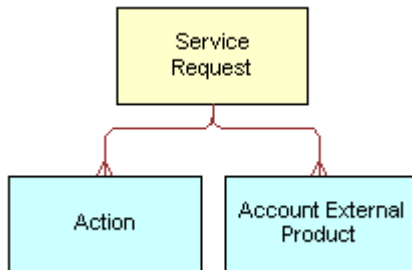


Figure 31. Siebel Service Request ASI

Table 67 lists the integration components and user keys of this ASI.

Table 67. Siebel Service Request Integration Components

Integration Component	XML Tag	User Keys
Action	Action	1 Id 2 Activity UID
Account External Product	AccountExternalProduct	1 Id 2 AEP Account Id, AEP Product Id, Version
Service Request	ServiceRequest	1 Id 2 Primary Organization Id, SR Number
SR External Product	SrExternalProduct	1 Name, Version

Table 68 lists the fields and their attributes. Fields without a length specified do not have a maximum length associated with them.

Table 68. Siebel Service Request ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>Account External Product</b>				
AEP Account Id	AEPAccountId	DTYPE_ID	30	N
AEP Product Id	AEPProductId	DTYPE_ID	30	N
Id	Id	DTYPE_ID	30	N
Version	Version	DTYPE_TEXT	30	N
<b>Action</b>				
Abstract	Abstract	DTYPE_TEXT	100	N
Activity SR Id	ActivitySRId	DTYPE_ID	15	N
Activity UID	ActivityUID	DTYPE_TEXT	30	N
Asset Id	AssetId	DTYPE_ID	15	N
Asset Number	AssetNumber	DTYPE_TEXT	100	N
Audience	Audience	DTYPE_TEXT	30	N
Comment	Comment	DTYPE_TEXT	1,500	N
Description	Description3	DTYPE_TEXT	100	N
Done	Done	DTYPE_TEXT	30	N

Table 68. Siebel Service Request ASI Fields

Name	XML Tag	Data Type	Length	Required
Duration Hours	DurationHours	DTYPE_NUMBER	22	N
Duration Minutes	DurationMinutes	DTYPE_NUMBER	22	N
Id	Id	DTYPE_ID	30	N
Planned	Planned	DTYPE_TEXT	30	N
Planned Completion	PlannedCompletion	DTYPE_TEXT	30	N
Primary Owner Id	PrimaryOwnerId	DTYPE_ID	15	N
Resolution Code	ResolutionCode	DTYPE_TEXT	30	N
Started	Started	DTYPE_TEXT	30	N
Type	Type	DTYPE_TEXT	30	N
<b>Service Request</b>				
Abstract	Abstract	DTYPE_TEXT	100	N
Account	Account	DTYPE_TEXT	100	N
Account Id	AccountId	DTYPE_ID	15	N
Account Location	AccountLocation	DTYPE_TEXT	50	N
Agreement Id	AgreementId	DTYPE_ID	15	N
Area	Area	DTYPE_TEXT	30	N
Asset Id	AssetId	DTYPE_ID	15	N
Closed Date	ClosedDate	DTYPE_TEXT	30	N
Commit Time	CommitTime	DTYPE_TEXT	30	N
Contact Business Phone	ContactBusinessPhone	DTYPE_TEXT		
Contact Created	ContactCreated	DTYPE_TEXT	30	N
Contact First Name	ContactFirstName	DTYPE_TEXT	50	N
Contact Id	ContactId	DTYPE_ID	15	N
Contact Last Name	ContactLastName	DTYPE_TEXT	50	N
Customer Reference Number	CustomerReferenceNumber	DTYPE_TEXT	64	N

Table 68. Siebel Service Request ASI Fields

Name	XML Tag	Data Type	Length	Required
Description	Description	DTYPE_TEXT	2,000	N
Entitlement Id	EntitlementId	DTYPE_ID	15	N
Entitlement Name	EntitlementName	DTYPE_TEXT	50	N
Group Id	GroupId	DTYPE_ID		
Id	Id	DTYPE_ID	30	N
Owned By Id	OwnedById	DTYPE_ID	30	N
Owner	Owner	DTYPE_TEXT	50	N
Primary Organization Id	PrimaryOrganizationId	DTYPE_ID	15	N
Primary Service Agreement Id	PrimaryServiceAgreementId	DTYPE_ID	15	N
Priority	Priority	DTYPE_TEXT	30	N
Product	Product	DTYPE_TEXT	100	N
Product Id	ProductId	DTYPE_ID	15	N
SR Number	SRNumber	DTYPE_TEXT	64	N
SR Type	SRTYPE	DTYPE_TEXT	30	N
Serial Number	SerialNumber	DTYPE_TEXT		N
Service Request Type	ServiceRequestType	DTYPE_TEXT	30	N
Severity	Severity	DTYPE_TEXT	30	N
Source	Source	DTYPE_TEXT	30	N
Status	Status	DTYPE_TEXT	30	N
Sub-Area	Sub-Area	DTYPE_TEXT	30	N
Sub-Status	Sub-Status	DTYPE_TEXT	30	N
Type	Type	DTYPE_TEXT	30	N
operation	operation	DTYPE_TEXT	30	N
searchspec	searchspec	DTYPE_TEXT	250	N
<b>SR External Product</b>				
Name	Name	DTYPE_TEXT	100	N
Version	Version	DTYPE_TEXT	30	N

# Siebel Simple Product

This ASI receives information about simple products created in third-party systems and enables users to create, update, and query a product in the Siebel application. The Siebel Simple Product ASI is intended to synchronize the Siebel application to external product masters, and does not support the receipt of information for customized products or bundles.

Figure 32 describes the structure of the Siebel Simple Product ASI.

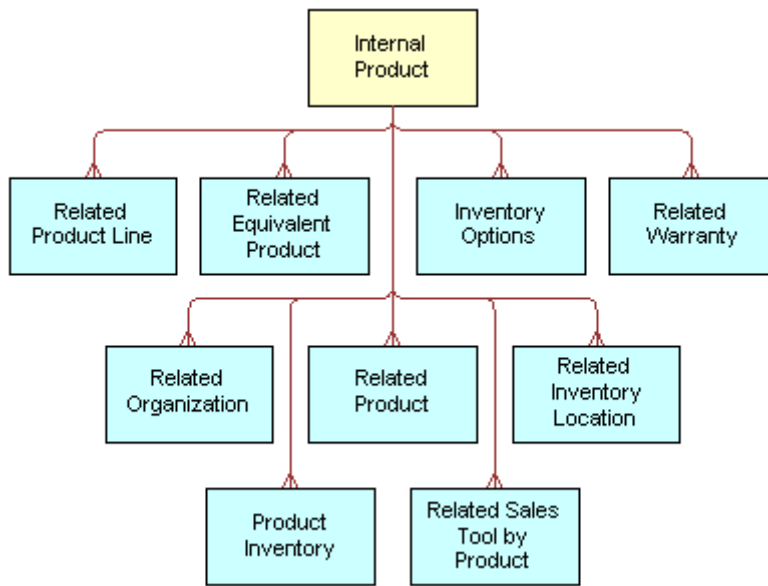


Figure 32. Siebel Simple Product ASI

Table 69 lists the integration components and user keys for this ASI.

Table 69. Siebel Simple Product ASI Integration Components

Integration Component	XML Tag	User Keys
Internal Product	InternalProduct	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Product Name, Primary Organization, Primary Vendor, Vendor Site, Vendor Primary Organization</li> </ol>
Inventory Options	InventoryOptions	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Inventory Type, Product Name</li> </ol>

Table 69. Siebel Simple Product ASI Integration Components

Integration Component	XML Tag	User Keys
Product Inventory	ProductInventory	<b>1</b> Id <b>2</b> Product Name, Inventory Location Id
Related Equivalent Product	RelatedEquivalentProduct	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Equivalent Product, Equivalent Product Primary Organization, Equivalent Product Vendor, Equivalent Product Vendor Location, Equivalent Product Vendor Organization
Related Inventory Location	RelatedInventoryLocation	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Inventory Name, Primary Organization
Related Organization	RelatedOrganization	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Organization
Related Product	RelatedProduct	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Product Name, Vendor, Vendor Location, Organization
Related Product Line	RelatedProductLine	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Product Line
Related Sales Tool by Product	RelatedSalesToolByProduct	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Name, Primary Organization
Related Warranty	RelatedWarranty	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Warranty Name, Warranty Provider Name, Warranty Provider Primary Organization, Warranty Provider Site

Table 70 lists the fields and their attributes. Fields without a length specified do not have a maximum length associated with them.

Table 70. Siebel Simple Product ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
<b>Internal Product</b>					
Allocate Below Safety Flag	AllocateBelowSafetyFlag	DTYPE_TEXT	30	N	
Auto Allocate Flag	AutoAllocateFlag	DTYPE_TEXT	30	N	
Auto Substitute Flag	AutoSubstituteFlag	DTYPE_TEXT	30	N	
Class Id	ClassId	DTYPE_ID		N	
Class Integration Id	ClassIntegrationId	DTYPE_TEXT	30	N	
Class Name	ClassName	DTYPE_TEXT	75	N	
Class Type	ClassType	DTYPE_TEXT	30	N	
Compensable	CompensableFlag	DTYPE_TEXT		N	
Description	Description	DTYPE_TEXT	255	N	
Division Code	DivisionCode	DTYPE_TEXT	30	N	
Effective End Date	EffectiveEndDate	DTYPE_DATETIME		N	
Effective Start Date	EffectiveStartDate	DTYPE_DATETIME		N	
Field Replacable	FieldReplacable	DTYPE_TEXT		N	
Global Assembly Level Code	GlobalAssemblyLevelCode	DTYPE_TEXT	50	N	
Global Product Classification Code	GlobalProductClassificationCode	DTYPE_TEXT	50	N	
Global Product Identifier	GlobalProductIdentifier	DTYPE_TEXT	50	N	
Global Product Lifecycle Status Code	GlobalProductLifecycleStatusCode	DTYPE_TEXT	50	N	

Table 70. Siebel Simple Product ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Global Supply Chain Code	GlobalSupplyChainCode	DTYPE_TEXT	50	N	
Id	Id	DTYPE_ID	30	N	
Image Name	ImageName	DTYPE_TEXT	100	N	
Image Primary Organization Name	ImagePrimaryOrganizationName	DTYPE_TEXT	100	N	
ImageFileName	ImageFileName	DTYPE_TEXT	200	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsAdminMode	IsAdminMode	DTYPE_TEXT		N	
Item Size	ItemSize	DTYPE_NUMBER		N	
Lead Time	LeadTime	DTYPE_TEXT	30	N	
MTBF	MTBF	DTYPE_NUMBER		N	
MTTR	MTTR	DTYPE_NUMBER		N	
Maximum Quantity	MaximumQuantity	DTYPE_NUMBER		N	
Minimum Quantity	MinimumQuantity	DTYPE_NUMBER		N	
Orderable	Orderable	DTYPE_TEXT		N	
Parent Internal Product Id (Joined)	ParentInternalProductId	DTYPE_ID		N	
Parent Internal Product Integration Id	ParentInternalProductIntegrationId	DTYPE_TEXT	30	N	
Parent Internal Product Name	ParentInternalProductName	DTYPE_TEXT	100	N	
Parent Internal Product Primary Organization	ParentInternalProductPrimaryOrganization	DTYPE_TEXT	100	N	
Parent Internal Product Vendor	ParentInternalProductVendor	DTYPE_TEXT	100	N	
Parent Internal Product Vendor Location	ParentInternalProductVendorLocation	DTYPE_TEXT	50	N	



Table 70. Siebel Simple Product ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Parent Internal Product Vendor Organization	ParentInternalProductVendorOrganization	DTYPE_TEXT	100	N	
Part Number	PartNumber	DTYPE_TEXT	50	N	
Primary Organization	PrimaryOrganization	DTYPE_TEXT	50	N	
Primary Vendor	PrimaryVendor	DTYPE_TEXT	100	N	
Product Image Id	ProductImageId	DTYPE_ID		N	
Product Image Integration Id	ProductImageIntegrationId	DTYPE_TEXT	30	N	
Product Level	ProductLevel	DTYPE_NUMBER		N	
Product Name	ProductName	DTYPE_TEXT	100	N	
Product Thumbnail Image Id	ProductThumbnailImageId	DTYPE_ID		N	Added in UAN 4.0.
Product Type	ProductType	DTYPE_TEXT	30	N	
Return if Defective	ReturnifDefective	DTYPE_TEXT		N	
Revision	Version	DTYPE_TEXT	30	N	
Sales Product	SalesProduct	DTYPE_TEXT		N	
Serialized	Serialized	DTYPE_TEXT		N	
Service Product	ServiceProduct	DTYPE_TEXT		N	
Ship Carrier	Carrier	DTYPE_TEXT	30	N	
Shipping Via	ShippingVia	DTYPE_TEXT	30	N	
Status	Status	DTYPE_TEXT	30	N	
Targeted Country	TargetedCountry	DTYPE_TEXT	250	N	
Targeted Industry	TargetedIndustry	DTYPE_TEXT	250	N	
Targeted Max Age	TargetedMaxAge	DTYPE_NUMBER		N	
Targeted Min Age	TargetedMinAge	DTYPE_NUMBER		N	

Table 70. Siebel Simple Product ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Targeted Postal Code	TargetedPostalCode	DTYPE_TEXT	250	N	
Tool Flag	ToolFlag	DTYPE_TEXT		N	
Unit of Measure	UnitofMeasure	DTYPE_TEXT	30	N	
Units In Inventory	UnitsInInventory	DTYPE_NUMBER		N	
Units In Inventory As Of	UnitsInInventoryAsOf	DTYPE_TEXT		N	
Vendor Id	VendorId	DTYPE_ID		N	
Vendor Integration Id	VendorIntegrationId	DTYPE_TEXT	30	N	
Vendor Part Number	VendorPartNumber	DTYPE_TEXT	50	N	
Vendor Primary Organization	VendorPrimaryOrganization	DTYPE_TEXT	100	N	
Vendor Site	VendorSite	DTYPE_TEXT	50	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Inventory Options</b>					
Allocate Below Safety Flag	AllocateBelowSafetyFlag	DTYPE_TEXT	30	N	
Auto Allocate Flag	AutoAllocateFlag	DTYPE_TEXT	30	N	
Auto Substitute Flag	AutoSubstituteFlag	DTYPE_TEXT	30	N	
Class ABC	ClassABC	DTYPE_TEXT	30	N	
Class XYZ	ClassXYZ	DTYPE_TEXT	30	N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Inventory Type	InventoryType	DTYPE_TEXT	30	N	
Product Name	ProductName	DTYPE_TEXT	100	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Product Inventory</b>					

Table 70. Siebel Simple Product ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Allocate Below Safety Stock Flag	AllocateBelowSafetyStockFlag	DTYPE_TEXT	30	N	
Auto Allocate Flag	AutoAllocateFlag	DTYPE_TEXT	30	N	
Auto Substitute Flag	AutoSubstituteFlag	DTYPE_TEXT	30	N	
Id	Id	DTYPE_ID	30	N	
Inventory Location Id	InventoryLocationId	DTYPE_ID	30	N	
Maximum Inventory Level	MaximumInventoryLevel	DTYPE_NUMBER	22	N	
Minimum Inventory Level	MinimumInventoryLevel	DTYPE_NUMBER	22	N	
Movement Class	MovementClass	DTYPE_TEXT	30	N	
Product Id	ProductId	DTYPE_TEXT	30	N	
Product Name	ProductName	DTYPE_TEXT	100	N	
Safety Stock Level	SafetyStockLevel	DTYPE_NUMBER	22	N	
Value Class	ValueClass	DTYPE_TEXT	30	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Related Equivalent Product</b>					
Equivalent Product	EquivalentProduct	DTYPE_TEXT	100	N	
Equivalent Product Primary Organization	EquivalentProductPrimaryOrganization	DTYPE_TEXT	50	N	
Equivalent Product Vendor	EquivalentProductVendor	DTYPE_TEXT	100	N	
Equivalent Product Vendor Location	EquivalentProductVendorLocation	DTYPE_TEXT	50	N	

Table 70. Siebel Simple Product ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Equivalent Product Vendor Organization	EquivalentProductVendorOrganization	DTYPE_TEXT	100	N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Related Inventory Location</b>					
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Inventory Name	InventoryName	DTYPE_TEXT	100	N	
Primary Organization Name	PrimaryOrganizationName	DTYPE_TEXT	100	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Related Organization</b>					
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Organization	Organization	DTYPE_TEXT	50	N	
Sales Unit of Measure	SalesUnitofMeasure	DTYPE_TEXT	30	N	Fix for CR #12-EV2BXZ.
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Related Product</b>					
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Organization	Organization	DTYPE_TEXT	50	N	
Product Name	ProductName	DTYPE_TEXT	100	N	

Table 70. Siebel Simple Product ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Vendor	Vendor	DTYPE_TEXT	100	N	
Vendor Location	VendorLocation	DTYPE_TEXT	50	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Related Product Line</b>					
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Product Line	ProductLine	DTYPE_TEXT	100	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Related Sales Tool by Product</b>					
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Literature Type	LiteratureType	DTYPE_TEXT	30	N	Added for UAN 4.0.
LitFileName	LitFileName	DTYPE_TEXT	220	N	
Name	Name	DTYPE_TEXT	50	N	
Primary Organization	PrimaryOrganization	DTYPE_TEXT	50	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Related Warranty</b>					
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Warranty Name	WarrantyName	DTYPE_TEXT	100	N	
Warranty Provider Name	WarrantyProviderName	DTYPE_TEXT	100	N	
Warranty Provider Primary Organization	WarrantyProviderPrimaryOrganization	DTYPE_TEXT	100	N	

Table 70. Siebel Simple Product ASI Fields

Name	XML Tag	Data Type	Length	Req.	Note
Warranty Provider Site	WarrantyProviderSite	DTYPE_TEXT	50	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	

# B Siebel Communications, Media, and Energy ASIs

This appendix provides a list of the prebuilt Siebel Communications, Media, and Energy ASIs that are provided with Siebel applications. You can use these ASIs to receive, send, or request data from other applications.

## Prebuilt Communications, Media, and Energy ASIs

Table 71 lists all the Communications, Media, and Energy ASIs and integration objects that Siebel Systems provides. Each ASI is based on an integration object and can be used to integrate data for all the fields of that integration object.

Table 71. Prebuilt Communications, Media, and Energy ASIs and Integration Objects

ASI /Integration Object	Description
<b>Order Management</b>	
Siebel Order	For details, see <a href="#">"Siebel Order" on page 192.</a>
<b>Customer Life Cycle Management</b>	
Siebel Account	For details, see <a href="#">"Siebel Account" on page 213.</a>
Siebel Contact	ASI to facilitate the inbound and outbound transfer of contact data from the Siebel application. For details, see <a href="#">"Siebel Contact" on page 76.</a>
Siebel CUT Address MSAG Service	For details, see <a href="#">"Siebel CUT Address MSAG Service" on page 82.</a>
<b>Billing Management</b>	
Siebel Invoice	For details, see <a href="#">"Siebel Invoice" on page 225.</a>
Siebel Invoice Adjustment	For details, see <a href="#">"Siebel Invoice Adjustment" on page 232.</a>
CUT Payment Interface Integration Object	For details, see <a href="#">"CUT Payment Interface Integration Object" on page 235.</a>
CUT Account Balance Interface - Request Integration Object	For details, see <a href="#">"CUT Account Balance Interface - Request Integration Object" on page 238.</a>
CUT Account Balance Interface - Response Integration Object	For details, see <a href="#">"CUT Account Balance Interface - Response Integration Object" on page 239.</a>

Table 71. Prebuilt Communications, Media, and Energy ASIs and Integration Objects

ASI /Integration Object	Description
Siebel Meter Reading	ASI to facilitate the inbound and outbound transfer of meter reading data from the Siebel application. Recommended for UAN. For details, see <a href="#">“Siebel Meter Reading” on page 240</a> .
Siebel Meter Usage Data	ASI to facilitate the inbound and outbound transfer of meter usage data from the Siebel application. Recommended for UAN. For details, see <a href="#">“Siebel Meter Usage Data” on page 241</a> .
Siebel Payment	For details, see <a href="#">“Siebel Payment” on page 243</a> .
<b>Product and Pricing Administration</b>	
Siebel Simple Product	For details, see <a href="#">“Siebel Simple Product” on page 246</a> .
Siebel Configurable Product	ASI to enable the creation of a configurable product in the Siebel application. For details, see <a href="#">“Siebel Configurable Product” on page 73</a> .
Siebel Price List	ASI to enable the synchronization and update of a price list and the price list items. For details, see <a href="#">“Siebel Price List” on page 155</a> .
Siebel Asset	ASI that associates a customer with a unique product. For details, see <a href="#">“Siebel Asset” on page 67</a> .
<b>Trouble Ticketing Management</b>	
Siebel Trouble Ticket	ASI that results in the use of a trouble ticket in the Siebel application when an external application detects an outage or network fault. Recommended for UAN. For details, see <a href="#">“Siebel Trouble Ticket” on page 254</a> .

## Order Management

Order Management uses a single ASI, Siebel Order, to enable the submission and processing of orders and the update of order line items.

### Siebel Order

The Siebel Order ASI enables customers to capture and validate orders so that they can successfully submit the orders to a fulfillment system.



Figure 33 describes the Siebel Order ASI structure.

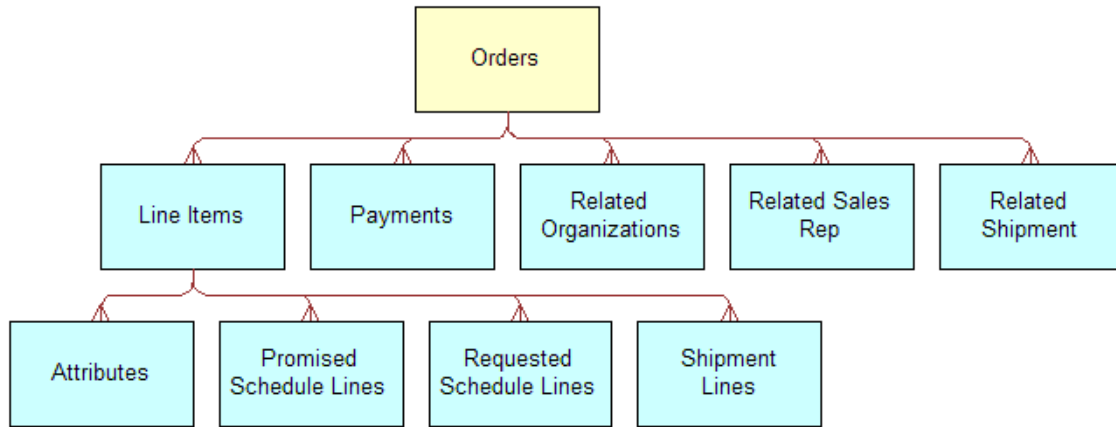


Figure 33. Siebel Order ASI

Table 72 lists the integration components and XML tags of this ASI.

Table 72. Siebel Order ASI Integration Components

Integration Component	XML Tag	User Keys
Attributes	Attributes	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Name, Object Id
Line Items	LineItems	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Line Number
Orders	Orders	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Order Number, Revision, Primary Organization, Order Type <b>4</b> Order Number, Revision, Organization DUNS Number, Order Type
Payments	Payments	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Payment #, Payment Type

Table 72. Siebel Order ASI Integration Components

Integration Component	XML Tag	User Keys
Promised Schedule Lines	PromisedScheduleLines	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Line Item Action Number
Related Organization	RelatedOrganization	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Organization
Related Sales Rep	RelatedSalesRep	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Position <b>4</b> Login
Related Shipment	RelatedShipment	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Shipment Number
Requested Schedule Lines	RequestedScheduleLines	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Line Number
Shipment Lines	ShipmentItem	<b>1</b> Id <b>2</b> Integration Id <b>3</b> Shipment Line Number

Table 73 lists the fields and their attributes.

Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
<b>Orders</b>					
Account	Account	DTYPE_TEXT	100	N	
Account DUNS Number	AccountDUNSNumber	DTYPE_TEXT	9	N	
Account Id	AccountId	DTYPE_ID		N	
Account Integration Id	AccountIntegrationId	DTYPE_TEXT	30	N	
Account Site	AccountSite	DTYPE_TEXT	100	N	

Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Active	Active	DTYPE_TEXT		N	
Approved	Approved	DTYPE_TEXT		N	
Approved By	ApprovedBy	DTYPE_TEXT		N	
Approved By Date	ApprovedByDate	DTYPE_TEXT		N	
Available Date	AvailableDate	DTYPE_TEXT		N	
Available Status	AvailableStatus	DTYPE_TEXT	30	N	
Available Status As Of Date	AvailableStatusAsOfDate	DTYPE_TEXT		N	
Bill To - First Name	BillTo-FirstName	DTYPE_TEXT	50	N	
Bill To - Last Name	BillTo-LastName	DTYPE_TEXT	50	N	
Bill To Account	BillToAccount	DTYPE_TEXT	100	N	
Bill To Account DUNS Number	BillToAccountDUNSNumber	DTYPE_TEXT	9	N	
Bill To Account Id	BillToAccountId	DTYPE_ID		N	
Bill To Account Integration Id	BillToAccountIntegrationId	DTYPE_TEXT	30	N	
Bill To Account Site	BillToAccountSite	DTYPE_TEXT	50	N	
Bill To Address	BillToAddress	DTYPE_TEXT	50	N	
Bill To Address 2	BillToAddress2	DTYPE_TEXT	50	N	
Bill To Address Id	BillToAddressId	DTYPE_ID		N	
Bill To Address Integration Id	BillToAddressIntegrationId	DTYPE_TEXT	30	N	
Bill To City	BillToCity	DTYPE_TEXT	30	N	
Bill To Contact Id	BillToContactId	DTYPE_ID		N	
Bill To Contact Integration Id	BillToContactIntegrationId	DTYPE_TEXT	30	N	

Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Bill To Country	BillToCountry	DTYPE_TEXT	15	N	
Bill To State	BillToState	DTYPE_TEXT	30	N	
Bill To Zip	BillToZip	DTYPE_TEXT	15	N	
Billable Flag	BillableFlag	DTYPE_TEXT		N	
Billing Block	BillingBlock	DTYPE_TEXT	30	N	
Campaign Id	CampaignId	DTYPE_ID		N	
Campaign Integration Id	CampaignIntegrationId	DTYPE_TEXT	30	N	
Campaign Name	CampaignName	DTYPE_TEXT	100	N	
Carrier	Carrier	DTYPE_TEXT	30	N	
Carrier Priority	CarrierPriority	DTYPE_TEXT	30	N	
Comments	Comments	DTYPE_TEXT	250	N	
Contact First Name	ContactFirstName	DTYPE_TEXT	50	N	
Contact Id	ContactId	DTYPE_ID		N	
Contact Integration Id	ContactIntegrationId	DTYPE_TEXT	30	N	
Contact Last Name	ContactLastName	DTYPE_TEXT	50	N	
Contract Id	ContractId	DTYPE_ID		N	
Contract Integration Id	ContractIntegrationId	DTYPE_TEXT	30	N	
Contract Name	ContractName	DTYPE_TEXT	50	N	
Credit Status	CreditStatus	DTYPE_TEXT		N	
Currency Code	CurrencyCode	DTYPE_TEXT	20	N	
Delivery Status	DeliveryStatus	DTYPE_TEXT	30	N	
Description	Description	DTYPE_TEXT	255	N	
Destination Inventory Id	DestinationInventoryLocationId	DTYPE_ID		N	

Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Destination Inventory Location	DestinationInventoryLocation	DTYPE_TEXT	100	N	
Destination Inventory Location Integration Id	DestinationInventoryLocationIntegrationId	DTYPE_TEXT	30	N	
Discount Amount	DiscountAmount	DTYPE_TEXT		N	
Entitlement Id	EntitlementId	DTYPE_ID		N	
Entitlement Name	EntitlementName	DTYPE_TEXT	50	N	
External Order Number	ExternalOrderNumber	DTYPE_TEXT		N	
Hold Flag	HoldFlag	DTYPE_TEXT		N	
Hold Reason	HoldReason	DTYPE_TEXT	30	N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Integration Message	IntegrationMessage	DTYPE_TEXT	2,000	N	
Integration Status	IntegrationStatus	DTYPE_TEXT	30	N	
Integration Status As Of Date	IntegrationStatusAsOfDate	DTYPE_TEXT		N	
Opportunity Id	OpportunityId	DTYPE_ID		N	
Opportunity Integration Id	OpportunityIntegrationId	DTYPE_TEXT	30	N	
Opportunity Name	OpportunityName	DTYPE_TEXT	100	N	
Order Date	OrderDate	DTYPE_TEXT		N	
Order Number	OrderNumber	DTYPE_TEXT	30	N	
Order Priority	OrderPriority	DTYPE_TEXT	30	N	
Order Type	OrderType	DTYPE_TEXT	30	N	
Order Type Id	OrderTypeId	DTYPE_ID		N	

Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Organization DUNS Number	OrganizationDUNSNumber	DTYPE_TEXT	9	N	
Parent Order Id	ParentOrderId	DTYPE_ID		N	
Partial Ship	PartialShip	DTYPE_TEXT		N	
Pay To Account	PayToAccount	DTYPE_TEXT	100	N	
Pay To Account DUNS Number	PayToAccountDUNSNumber	DTYPE_TEXT	9	N	
Pay To Account Id	PayToAccountId	DTYPE_ID		N	
Pay To Account Integration Id	PayToAccountIntegrationId	DTYPE_TEXT	30	N	
Pay To Account Site	PayToAccountSite	DTYPE_TEXT	50	N	
Pay To Address Id	PayToAddressId	DTYPE_ID		N	
Pay To Address Integration Id	PayToAddressIntegrationId	DTYPE_TEXT	30	N	
Pay To Contact First Name	PayToContactFirstName	DTYPE_TEXT	50	N	
Pay To Contact Id	PayToContactId	DTYPE_ID		N	
Pay To Contact Integration Id	PayToContactIntegrationId	DTYPE_TEXT	30	N	
Pay To Contact Last Name	PayToContactLastName	DTYPE_TEXT	50	N	
Payment Term	PaymentTerm	DTYPE_TEXT	50	N	
Payment Term Id	PaymentTermId	DTYPE_ID		N	
Payment Term Integration Id	PaymentTermIntegrationId	DTYPE_TEXT	30	N	
Price List	PriceList	DTYPE_TEXT	50	N	
Price List Id	PriceListId	DTYPE_ID		N	

Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Price List Integration Id	PriceListIntegrationId	DTYPE_TEXT	30	N	
Pricing Date	PricingDate	DTYPE_TEXT		N	
Primary Organization	PrimaryOrganization	DTYPE_TEXT	100	N	
Primary Organization Id	PrimaryOrganizationId	DTYPE_ID		N	
Project Id	ProjectId	DTYPE_ID		N	
Project Integration Id	ProjectIntegrationId	DTYPE_TEXT	30	N	
Project Name	ProjectName	DTYPE_TEXT	100	N	
Promotion Id	PromotionId	DTYPE_ID		N	
Purchase Order Number	PurchaseOrderNumber	DTYPE_TEXT	50	N	
Quote Id	QuoteId	DTYPE_ID		N	
Quote Integration Id	QuoteIntegrationId	DTYPE_TEXT	30	N	
Quote Number	QuoteNumber	DTYPE_TEXT	30	N	
Requested Date	RequestedDate	DTYPE_TEXT		N	
Return Reason	ReturnReason	DTYPE_TEXT	30	N	
Return To Account	ReturnToAccount	DTYPE_TEXT	100	N	
Return To Account DUNS Number	ReturnToAccountDUNSNumber	DTYPE_TEXT	9	N	
Return To Account Id	ReturnToAccountId	DTYPE_ID		N	
Return To Account Integration Id	ReturnToAccountIntegrationId	DTYPE_TEXT	30	N	
Return To Account Site	ReturnToAccountSite	DTYPE_TEXT	50	N	
Return To Address Id	ReturnToAddressId	DTYPE_ID		N	

Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Return To Address Integration Id	ReturnToAddressIntegrationId	DTYPE_TEXT	30	N	
Return To Contact First Name	ReturnToContactFirstName	DTYPE_TEXT	50	N	
Return To Contact Id	ReturnToContactId	DTYPE_ID		N	
Return To Contact Integration Id	ReturnToContactIntegrationId	DTYPE_TEXT	30	N	
Return To Contact Last Name	ReturnToContactLastName	DTYPE_TEXT	50	N	
Revision	Revision	DTYPE_NUMBER		N	
Service Request Id	ServiceRequestId	DTYPE_ID		N	
Service Request Number	ServiceRequestNumber	DTYPE_TEXT		N	
Ship Complete	ShipComplete	DTYPE_TEXT		N	
Ship Instructions	ShipInstructions	DTYPE_TEXT	250	N	
Ship To - First Name	ShipTo-FirstName	DTYPE_TEXT	50	N	
Ship To - Last Name	ShipTo-LastName	DTYPE_TEXT	50	N	
Ship To Account	ShipToAccount	DTYPE_TEXT	100	N	
Ship To Account DUNS Number	ShipToAccountDUNSNumber	DTYPE_TEXT	9	N	
Ship To Account Id	ShipToAccountId	DTYPE_ID		N	
Ship To Account Integration Id	ShipToAccountIntegrationId	DTYPE_TEXT	30	N	



Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Ship To Account Site	ShipToAccountSite	DTYPE_TEXT	50	N	
Ship To Address	ShipToAddress	DTYPE_TEXT	50	N	
Ship To Address 2	ShipToAddress2	DTYPE_TEXT	50	N	
Ship To Address Id	ShipToAddressId	DTYPE_ID		N	
Ship To Address Integration Id	ShipToAddressIntegrationId	DTYPE_TEXT	30	N	
Ship To City	ShipToCity	DTYPE_TEXT	30	N	
Ship To Contact Id	ShipToContactId	DTYPE_ID		N	
Ship To Contact Integration Id	ShipToContactIntegrationId	DTYPE_TEXT	30	N	
Ship To Country	ShipToCountry	DTYPE_TEXT	15	N	
Ship To State	ShipToState	DTYPE_TEXT	30	N	
Ship To Zip	ShipToZip	DTYPE_TEXT	15	N	
Shipping Charges	ShippingCharges	DTYPE_TEXT		N	
Shipping Method	ShippingMethod	DTYPE_TEXT	30	N	
Shipping Terms	ShippingTerms	DTYPE_TEXT	30	N	
Shipping Terms Info	FreightTermsInfo	DTYPE_TEXT	100	N	
Source Inventory Id	SourceInventoryLocationId	DTYPE_ID		N	
Source Inventory Loc Integration Id	SourceInventoryLocationIntegrationId	DTYPE_TEXT	30	N	
Source Inventory Location	SourceInventoryLocation	DTYPE_TEXT	100	N	

Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Status	Status	DTYPE_TEXT	30	N	
Status As Of Date	StatusAsOfDate	DTYPE_TEXT		N	
Submit Date	SubmitDate	DTYPE_TEXT		N	
Tax Amount	TaxAmount	DTYPE_TEXT		N	
Tax Exempt	TaxExempt	DTYPE_TEXT		N	
Tax Exempt Code	TaxExemptCode	DTYPE_TEXT	80	N	
Tax Exempt Id	TaxExemptId	DTYPE_TEXT	30	N	
Tax Rate	TaxRate	DTYPE_NUMBER		N	
Total Volume	TotalVolume	DTYPE_NUMBER		N	
Total Volume UoM	TotalVolumeUoM	DTYPE_TEXT	30	N	
Total Weight	TotalWeight	DTYPE_NUMBER		N	
Total Weight UoM	TotalWeightUoM	DTYPE_TEXT	30	N	
operation	operation	DTYPE_TEXT	30	N	
<b>Line Items</b>					
Action Code	ActionCode	DTYPE_TEXT	30	N	
Asset Id	AssetId	DTYPE_ID		N	
Asset Integration Id	AssetIntegrationId	DTYPE_TEXT	30	N	
Asset Internal Integration Id	AssetInternalIntegrationId	DTYPE_TEXT	30	N	
Asset Number	AssetNumber	DTYPE_TEXT		N	
Available Date	AvailableDate	DTYPE_TEXT		N	
Available Quantity	AvailableQuantity	DTYPE_NUMBER		N	
Available Status	AvailableStatus	DTYPE_TEXT	30	N	

Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Available Status As Of Date	AvailableStatusAsOfDate	DTYPE_TEXT		N	
Base Price	BasePrice	DTYPE_TEXT		N	
Billable Flag	BillableFlag	DTYPE_TEXT		N	
Billing Account	BillingAccount	DTYPE_TEXT		N	
Billing Account Id	BillingAccountId	DTYPE_ID		N	
Billing Profile Id	BillingProfileId	DTYPE_TEXT		N	
Cancelled Quantity	CancelledQuantity	DTYPE_NUMBER		N	
Covered Product Unit Price	CoveredProductUnitPrice	DTYPE_TEXT		N	
Delivery Status	DeliveryStatus	DTYPE_TEXT	30	N	
Description	Description	DTYPE_TEXT		N	
Destination Inventory Location	DestinationInventoryLocation	DTYPE_TEXT	100	N	
Destination Inventory Location Id	DestinationInventoryLocationId	DTYPE_ID		N	
Destination Inventory Location Integration Id	DestinationInventoryLocationIntegrationId	DTYPE_TEXT	30	N	
Discount Amount	DiscountAmount	DTYPE_TEXT		N	
Freight Amount	FreightAmount	DTYPE_TEXT		N	
Hold Flag	HoldFlag	DTYPE_TEXT		N	
Hold Reason	HoldReason	DTYPE_TEXT	30	N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	

Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Integration Status	IntegrationStatus	DTYPE_TEXT	30	N	
Integration Status As Of Date	IntegrationStatusAsOfDate	DTYPE_TEXT		N	
Invoiced Quantity	InvoicedQuantity	DTYPE_NUMBER		N	
Item Price	ItemPrice	DTYPE_TEXT		N	
Line Integration Id	LineIntegrationId	DTYPE_TEXT	30	N	
Line Number	LineNumber	DTYPE_NUMBER		N	
Loaner Flag	LoanerFlag	DTYPE_TEXT		N	
Net Price	NetPrice	DTYPE_TEXT		N	
Note	Note	DTYPE_TEXT	1,500	N	
Order Header Id	OrderHeaderId	DTYPE_ID		N	
Order Number	OrderNumber	DTYPE_TEXT	30	N	
Package Name (Inbound)	PackageNameInbound	DTYPE_TEXT	50	N	
Package Name (Outbound)	PackageNameOutbound	DTYPE_TEXT		N	
Parent Order Item Id	ParentOrderItemId	DTYPE_ID		N	
Part Number	PartNumber	DTYPE_TEXT	50	N	
Partial Ship	PartialShip	DTYPE_TEXT		N	
Product	Product	DTYPE_TEXT	100	N	
Product Global Identifier	ProductGlobalIdentifier	DTYPE_TEXT	50	N	
Product Id	ProductId	DTYPE_ID		N	
Product Integration Id	ProductIntegrationId	DTYPE_TEXT	30	N	
Product Primary Organization Id	ProductPrimaryOrganizationId	DTYPE_TEXT		N	

Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Requested Date	RequestedDate	DTYPE_TEXT		N	
Requested Quantity	RequestedQuantity	DTYPE_NUMBER		N	
Return To Account DUNS Number	ReturnToAccountDUNSNumber	DTYPE_TEXT	9	N	
Return To Account Id	ReturnToAccountId	DTYPE_ID		N	
Return To Account Integration Id	ReturnToAccountIntegrationId	DTYPE_TEXT	30	N	
Return To Account Name	ReturnToAccountName	DTYPE_TEXT	100	N	
Return To Account Site	ReturnToAccountSite	DTYPE_TEXT	50	N	
Return To Address Id	ReturnToAddressId	DTYPE_ID		N	
Return To Address Integration Id	ReturnToAddressIntegrationId	DTYPE_TEXT	30	N	
Return To Contact Id	ReturnToContactId	DTYPE_ID		N	
Return To Contact Integration Id	ReturnToContactIntegrationId	DTYPE_TEXT	30	N	
Return To First Name	ReturnToFirstName	DTYPE_TEXT	50	N	
Return To Last Name	ReturnToLastName	DTYPE_TEXT	50	N	
Root Order Item Id	RootOrderItemId	DTYPE_ID		N	
Sales Unit of Measure	SalesUnitofMeasure	DTYPE_TEXT	30	N	
Service Account	ServiceAccount	DTYPE_TEXT		N	
Service Account Id	ServiceAccountId	DTYPE_TEXT	30	N	

Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Service Account Type	ServiceAccountType	DTYPE_TEXT		N	
Service Id	ServiceId	DTYPE_TEXT		N	
Service Instance Flag	ServiceInstanceFlag	DTYPE_TEXT		N	
Service Point	ServicePoint	DTYPE_TEXT		N	
Service Profile Id	ServiceProfileId	DTYPE_TEXT		N	
Service Type	ServiceType	DTYPE_TEXT	30	N	
Ship Date	ShipDate	DTYPE_DATETIME		N	
Ship Instruction	ShipInstruction	DTYPE_TEXT	250	N	
Ship Quantity	ShipQuantity	DTYPE_NUMBER		N	
Ship To Account	ShipToAccount	DTYPE_TEXT	100	N	
Ship To Account DUNS Number	ShipToAccountDUNSNumber	DTYPE_TEXT	9	N	
Ship To Account Id	ShipToAccountId	DTYPE_ID		N	
Ship To Account Integration Id	ShipToAccountIntegrationId	DTYPE_TEXT	30	N	
Ship To Account Site	ShipToAccountSite	DTYPE_TEXT	50	N	
Ship To Address	ShipToAddress	DTYPE_TEXT	50	N	
Ship To Address 2	ShipToAddress2	DTYPE_TEXT	50	N	
Ship To Address Id	ShipToAddressId	DTYPE_ID		N	
Ship To City	ShipToCity	DTYPE_TEXT	30	N	
Ship To Contact - First Name	ShipToContact-FirstName	DTYPE_TEXT	50	N	

Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Ship To Contact - Last Name	ShipToContact-LastName	DTYPE_TEXT	50	N	
Ship To Contact Id	ShipToContactId	DTYPE_ID		N	
Ship To Contact Integration Id	ShipToContactIntegrationId	DTYPE_TEXT	30	N	
Ship To Country	ShipToCountry	DTYPE_TEXT	15	N	
Ship To State	ShipToState	DTYPE_TEXT	15	N	
Ship To Zip	ShipToZip	DTYPE_TEXT	15	N	
Ship to Address Integration Id	ShiptoAddressIntegrationId	DTYPE_TEXT	30	N	
Shipping Carrier	ShippingCarrier	DTYPE_TEXT	30	N	
Shipping Charges	ShippingCharges	DTYPE_TEXT		N	
Shipping Method	ShippingMethod	DTYPE_TEXT	30	N	
Shipping Terms	ShippingTerms	DTYPE_TEXT	30	N	
Single Source	SingleSource	DTYPE_TEXT		N	
Smart Part Number	SmartPartNumber	DTYPE_TEXT	250	N	
Source Inventory Loc Integration Id	SourceInventoryLocationIntegrationId	DTYPE_TEXT	30	N	
Source Inventory Location	SourceInventoryLocation	DTYPE_TEXT	100	N	
Source Inventory Location Id	SourceInventoryLocationId	DTYPE_ID		N	
Start Price	StartPrice	DTYPE_TEXT		N	
Status	Status	DTYPE_TEXT	30	N	

Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Status As Of Date	StatusAsOfDate	DTYPE_TEXT		N	
Tax Amount	TaxAmount	DTYPE_TEXT		N	
Unit of Measure	UnitofMeasure	DTYPE_TEXT	30	N	
Volume	Volume	DTYPE_NUMBER		N	
Volume Unit of Measure	VolumeUnitofMeasure	DTYPE_TEXT	30	N	
Weight	Weight	DTYPE_NUMBER		N	
Weight Unit of Measure	WeightUnitofMeasure	DTYPE_TEXT	30	N	
operation	operation	DTYPE_TEXT	30	N	
<b>Attributes</b>					
Action Code	ActionCode	DTYPE_TEXT	30	N	
Attribute Id	AttributeId	DTYPE_ID		N	
Data Type	DataType	DTYPE_TEXT	30	N	
Description	Description	DTYPE_TEXT	255	N	
Hidden	Hidden	DTYPE_TEXT		N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
LOV Type	ListOfValueType	DTYPE_TEXT	30	N	
Name	Name	DTYPE_TEXT	75	N	
Object Id	ObjectId	DTYPE_ID		N	
Read Only	ReadOnly	DTYPE_TEXT		N	
Required	Required	DTYPE_TEXT		N	
Sequence	Sequence	DTYPE_NUMBER		N	
Validation	Validation	DTYPE_TEXT	250	N	
Value	Value	DTYPE_TEXT	100	N	
operation	operation	DTYPE_TEXT	30	N	

**Promised Schedule Lines**



Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Available Status	AvailableStatus	DTYPE_TEXT	30	N	
Available Status As Of Date	AvailableStatusAsOfDate	DTYPE_TEXT		N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Line Item Action Number	LineItemActionNumber	DTYPE_TEXT		N	
Order Item Id	OrderItemId	DTYPE_ID		N	
Order Item Integration Id	OrderItemIntegrationId	DTYPE_TEXT	30	N	
Part Number	PartNumber	DTYPE_TEXT	50	N	
Product Id	ProductId	DTYPE_ID		N	
Product Integration Id	ProductIntegrationId	DTYPE_TEXT	30	N	
Product Name	ProductName	DTYPE_TEXT	100	N	
Promised Date	PromisedDate	DTYPE_TEXT		N	
Promised Quantity	PromisedQuantity	DTYPE_NUMBER		N	
Source Inventory Location	SourceInventoryLocation	DTYPE_TEXT	100	N	
Source Inventory Location Id	SourceInventoryLocationId	DTYPE_ID		N	
Source Inventory Location Integration Id	SourceInventoryLocationIntegrationId	DTYPE_TEXT	30	N	
operation	operation	DTYPE_TEXT	30	N	
<b>Requested Schedule Lines</b>					
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Line Number	LineNumber	DTYPE_NUMBER		N	

Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Order Item Id	OrderItemId	DTYPE_ID		N	
Requested Date	RequestedDate	DTYPE_TEXT		N	
Requested Quantity	RequestedQuantity	DTYPE_NUMBER		N	
Source Inventory Location	SourceInventoryLocation	DTYPE_TEXT	100	N	
Source Inventory Location Id	SourceInventoryLocationId	DTYPE_ID		N	
Source Inventory Location Integration Id	SourceInventoryLocationIntegrationId	DTYPE_TEXT	30	N	
operation	operation	DTYPE_TEXT	30	N	
<b>Payments</b>					
Account Number	AccountNumber	DTYPE_TEXT	50	N	
Authorization Code	AuthorizationCode	DTYPE_TEXT	40	N	
Bill To Address Id	BillToAddressId	DTYPE_ID		N	
Bill To Address Integration Id	BillToAddressIntegrationId	DTYPE_TEXT	30	N	
Card Holder	CardHolder	DTYPE_TEXT	50	N	
Credit Card Expiration Month	CreditCardExpirationMonth	DTYPE_TEXT	30	N	
Credit Card Expiration Year	CreditCardExpirationYear	DTYPE_TEXT	30	N	
Credit Check Message	CreditCheckMessage	DTYPE_TEXT	250	N	
Credit Check Status	CreditCheckStatus	DTYPE_TEXT	30	N	

Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Credit Check Status As Of Date	CreditCheckStatusAsOfDate	DTYPE_TEXT		N	
Encryption Key	EncryptionKey	DTYPE_TEXT	30	N	
Encryption Key Reference	EncryptionKeyReference	DTYPE_TEXT	30	N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Issuing Bank Customer Id	IssuingBankCustomerId	DTYPE_TEXT	30	N	
Issuing Bank Name	IssuingBankName	DTYPE_TEXT	30	N	
Issuing Bank Phone Number	IssuingBankPhoneNumber	DTYPE_TEXT	40	N	
Merchant Id	MerchantId	DTYPE_TEXT	30	N	
Payment #	Payment	DTYPE_TEXT	30	N	
Payment Account Id	PaymentAccountId	DTYPE_ID		N	
Payment Account Integration Id	PaymentAccountIntegrationId	DTYPE_TEXT	30	N	
Payment Account Name	PaymentAccountName	DTYPE_TEXT	100	N	
Payment Account Site	PaymentAccountSite	DTYPE_TEXT	50	N	
Payment Method	PaymentMethod	DTYPE_TEXT	30	N	
Payment Status	PaymentStatus	DTYPE_TEXT	30	N	
Payment Status As Of Date	PaymentStatusAsOfDate	DTYPE_DATE TIME		N	
Payment Type	PaymentType	DTYPE_TEXT	30	N	
Transaction Amount	TransactionAmount	DTYPE_TEXT		N	

Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Transaction Id	TransactionId	DTYPE_TEXT		N	
Transaction Time	TransactionTime	DTYPE_TEXT		N	
Verification Number	VerificationNumber	DTYPE_TEXT	10	N	
operation	operation	DTYPE_TEXT	30	N	
<b>Related Organization</b>					
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Organization	Organization	DTYPE_TEXT	50	N	
Organization Id	OrganizationId	DTYPE_ID		N	
<b>Related Sales Rep</b>					
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Login	Login	DTYPE_TEXT	50	N	
Position	Position	DTYPE_TEXT	50	N	
<b>Related Shipment</b>					
Carrier	Carrier	DTYPE_TEXT	30	N	
Destination Inventory Location Id	DestinationInventoryLocationId	DTYPE_ID	15	N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Shipment Number	ShipmentNumber	DTYPE_TEXT	30	N	
Source Inventory Location Id	SourceInventoryLocationId	DTYPE_ID	15	N	
Waybill Number	WaybillNumber	DTYPE_TEXT	50	N	

**Shipment Lines**

Table 73. Siebel Order ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Confirmed Qty	ConfirmedQty	DTPYE_NUMB ER		N	
Delivery Date	DeliveryDate	DTYPE_DATET IME		N	
Delivery Qty	DeliveryQty	DTPYE_NUMB ER		N	
Id	Id	DTYPE_ID		N	
Integration Id	IntegrationId	DTYPE_TEXT		N	
Order Line Id	OrderLineId	DTYPE_ID		N	
Shipment Date	ShipmentDate	DTYPE_DATET IME		N	
Shipment Line Number	ShipmentLineNumber	DTYPE_TEXT		N	
Shipment Qty	ShipmentQty	DTPYE_NUMB ER		N	

## Customer Lifecycle Management

The Siebel Account ASI supports the Customer Lifecycle Management process. This process enables the user to create and validate accounts and to perform other account-related tasks, such as credit approval.

## Siebel Account

The Siebel Account ASI is used for business processes related to customer information management. This ASI facilitates inbound and outbound data synchronization between Siebel applications and external systems.

Figure 34 describes the Siebel Account ASI structure.

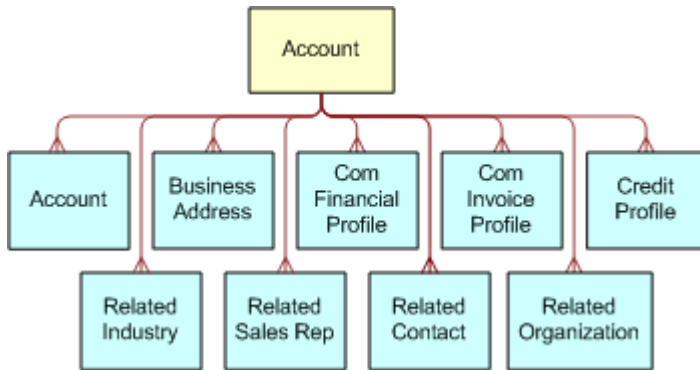


Figure 34. Siebel Account ASI

Table 74 lists the integration components and XML tags of this ASI.

Table 74. Siebel Account ASI Integration Components

Integration Component	XML Tag	User Keys
Account	Account	<b>1</b> Account Id <b>2</b> Integration Id <b>3</b> Location, Name, Primary Organization
Business Address	BusinessAddress	<b>1</b> Address Id <b>2</b> Address Integration Id
Com Financial Profile	FinancialProfile	<b>1</b> Id <b>2</b> Name
Com Invoice Profile	BillingProfile	<b>1</b> Id, Name <b>2</b> Name
Credit Profile	CreditProfile	<b>1</b> Credit Profile Id <b>2</b> Credit Profile Integration Id <b>3</b> Credit Area
Related Contact	RelatedContact	<b>1</b> Person UIId, Primary Organization <b>2</b> Contact Id <b>3</b> Contact Integration Id

Table 74. Siebel Account ASI Integration Components

Integration Component	XML Tag	User Keys
Related Industry	RelatedIndustry	<ol style="list-style-type: none"> <li>1 Industry Id</li> <li>2 Industry Integration Id</li> <li>3 Industry</li> <li>4 SIC Code</li> </ol>
Related Organization	RelatedOrganization	<ol style="list-style-type: none"> <li>1 Organization Id</li> <li>2 Organization Integration Id</li> <li>3 Organization</li> </ol>
Related Sales Rep	RelatedSalesRep	<ol style="list-style-type: none"> <li>1 Position Id</li> <li>2 Position Integration Id</li> <li>3 Division, Position</li> <li>4 Login</li> </ol>

Table 75 lists the Siebel Account fields and their attributes.

Table 75. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
<b>Account</b>					
Account Id	AccountId	DTYPE_ID	30	N	
Account Status	AccountStatus	DTYPE_TEXT	24	N	
Alias	Alias	DTYPE_TEXT	50	N	
Assignment Area Code	AssignmentAreaCode	DTYPE_TEXT	5	N	
Assignment Country Code	AssignmentCountryCode	DTYPE_TEXT	5	N	
Competitor Flag	CompetitorFlag	DTYPE_TEXT		N	
Credit Auto Approval Limit	CreditAutoApprovalLimit	DTYPE_NUMBER		N	
Credit Status Date	CreditStatusDate	DTYPE_TEXT		N	
Currency Code	CurrencyCode	DTYPE_TEXT	15	N	
DUNS Number	DUNSNumber	DTYPE_TEXT	15	N	

Table 75. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Description	Description	DTYPE_TEXT	255	N	
Domestic Ultimate DUNS	DomesticUltimateDUNS	DTYPE_TEXT	15	N	
Expertise	Expertise	DTYPE_TEXT	30	N	
Global Ultimate DUNS	GlobalUltimateDUNS	DTYPE_TEXT	15	N	
Home Page	HomePage	DTYPE_TEXT	100	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Language Code	LanguageCode	DTYPE_ID	15	N	
Location	Location	DTYPE_TEXT	50	N	
Main Fax Number	MainFaxNumber	DTYPE_TEXT		N	
Main Phone Number	MainPhoneNumber	DTYPE_TEXT		N	
Master Account Id	MasterAccountId	DTYPE_ID		N	
Name	Name	DTYPE_TEXT	100	N	
Number of Employees	NumberOfEmployees	DTYPE_NUMBER		N	
PO Approved Flag	POApprovedFlag	DTYPE_TEXT		N	
PO Auto Approval Currency Code	POAutoApprovalCurrencyCode	DTYPE_TEXT	20	N	
PO Auto Approval Date	POAutoApprovalDate	DTYPE_DATE TIME		N	
PO Auto Approval Limit	POAutoApprovalLimit	DTYPE_TEXT		N	
Parent Account Id	ParentAccountId	DTYPE_ID		N	
Parent Account Integration Id	ParentAccountIntegrationId	DTYPE_TEXT	30	N	



Table 75. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Parent Account Location	ParentAccountLocation	DTYPE_TEXT	50	N	
Parent Account Name	ParentAccountName	DTYPE_TEXT	100	N	
Parent HQ DUNS	ParentHQDUNS	DTYPE_TEXT	15	N	
Partner Flag	PartnerFlag	DTYPE_TEXT		N	
Price List	PriceList	DTYPE_TEXT		N	
Price List Id	PriceListId	DTYPE_ID		N	
Price List Integration Id	PriceListIntegrationId	DTYPE_TEXT	30	N	
Primary Organization	PrimaryOrganization	DTYPE_TEXT	100	N	
Skip Credit Check	SkipCreditCheck	DTYPE_TEXT		N	
Type	Type	DTYPE_TEXT	255	N	
VAT registration number	VATregistrationnumber	DTYPE_TEXT	30	N	
operation	operation	DTYPE_TEXT	30	N	
<b>Business Address</b>					
Address Id	AddressId	DTYPE_ID	30	N	
Address Integration Id	AddressIntegrationId	DTYPE_TEXT	30	N	
City	City	DTYPE_TEXT	50	N	
Country	Country	DTYPE_TEXT	50	N	
County	County	DTYPE_TEXT	50	N	
Email Address	EmailAddress	DTYPE_TEXT	50	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Postal Code	PostalCode	DTYPE_TEXT	30	N	
Province	Province	DTYPE_TEXT	50	N	
State	State	DTYPE_TEXT	10	N	
Street Address	StreetAddress	DTYPE_TEXT	200	N	

Table 75. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Street Address 2	StreetAddress2	DTYPE_TEXT	100	N	
operation	operation	DTYPE_TEXT	30	N	
<b>Com Financial Profile</b>					
Account Id	AccountId	DTYPE_ID		N	
Account Type	AccountType	DTYPE_TEXT	30	N	
Annual Income	AnnualIncome	DTYPE_TEXT		N	
Bank Account Name	BankAccountName	DTYPE_TEXT	100	N	
Bank Account Number	BankAccountNumber	DTYPE_TEXT	50	N	
Bank Branch	BankBranch	DTYPE_TEXT	100	N	
Bank Name	BankName	DTYPE_TEXT	100	N	
Conflict Id	ConflictId	DTYPE_ID	30	N	
Contact First Name	ContactFirstName	DTYPE_TEXT	50	N	
Contact Id	ContactId	DTYPE_ID		N	
Contact Last Name	ContactLastName	DTYPE_TEXT	50	N	
Corporate Number	CorporateNumber	DTYPE_TEXT	30	N	
Created	Created	DTYPE_DATE TIME	30	N	
Credit Agency	CreditAgency	DTYPE_TEXT	30	N	
Credit Card Expire Date	CreditCardExpireDate	DTYPE_DATE TIME		N	
Credit Card Number	CreditCardNumber	DTYPE_TEXT	30	N	
Credit Card Type	CreditCardType	DTYPE_TEXT	30	N	
Credit Score	CreditScore2	DTYPE_NUMBER		N	
Credit Update Date	CreditUpdateDate	DTYPE_DATE TIME		N	

Table 75. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Credit Updated By	CreditUpdatedBy	DTYPE_ID		N	
Currency Code	CurrencyCode2	DTYPE_TEXT	20	N	
Current Address Id	CurrentAddressId	DTYPE_ID		N	
Current City	CurrentCity	DTYPE_TEXT	50	N	
Current Country	CurrentCountry	DTYPE_TEXT	30	N	
Current Hire Date	CurrentHireDate	DTYPE_DATE TIME		N	
Current Postal Code	CurrentPostalCode	DTYPE_TEXT	30	N	
Current State	CurrentState	DTYPE_TEXT	10	N	
Current Street Address	CurrentStreetAddress	DTYPE_TEXT	200	N	
D B Identifier	DBIdentifier	DTYPE_TEXT	30	N	
Employer Id	EmployerId	DTYPE_ID		N	
Employer Name	EmployerName	DTYPE_TEXT	100	N	
Exchange Date	ExchangeDate	DTYPE_DATE TIME		N	
Former Address Id	FormerAddressId	DTYPE_ID		N	
Former City	FormerCity	DTYPE_TEXT	50	N	
Former Country	FormerCountry	DTYPE_TEXT	30	N	
Former Postal Code	FormerPostalCode	DTYPE_TEXT	30	N	
Former State	FormerState	DTYPE_TEXT	10	N	
Former Street Address	FormerStreetAddress	DTYPE_TEXT	200	N	
Id	Id	DTYPE_ID	30	N	
Id Type	IdType	DTYPE_TEXT	30	N	
Identifier	Identifier	DTYPE_TEXT	30	N	
Legal Name	LegalName	DTYPE_TEXT	100	N	

Table 75. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Mod Id	ModId	DTYPE_ID	30	N	
Name	Name	DTYPE_TEXT	100	N	
Own or Rent	OwnorRent	DTYPE_TEXT	30	N	
Previous Employer Id	PreviousEmployerId	DTYPE_ID		N	
Status	Status	DTYPE_TEXT	30	N	
Tax Id	TaxId2	DTYPE_TEXT	30	N	
Tax Profile Cd	TaxProfileCd	DTYPE_TEXT	30	N	
Type	Type	DTYPE_TEXT	30	N	
Updated	Updated	DTYPE_DATE TIME	30	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Com Invoice Profile</b>					
Account Id	AccountId	DTYPE_ID		N	
Address Id	AddressId2	DTYPE_ID		N	
Bank Account Name	BankAccountName2	DTYPE_TEXT		N	
Bank Account Number	BankAccountNumber2	DTYPE_TEXT		N	
Bank Account Type	BankAccountType	DTYPE_TEXT	30	N	
Bank Authorization Flag	BankAuthorizationflag	DTYPE_TEXT		N	
Bank Branch	BankBranch2	DTYPE_TEXT		N	
Bank Language Code	BankLanguageCode	DTYPE_TEXT	5	N	
Bank Language Id	BankLanguageId	DTYPE_TEXT	5	N	
Bank Name	BankName2	DTYPE_TEXT		N	
Bill Average	BillAverage	DTYPE_TEXT		N	

Table 75. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Bill Cycle	BillCycle	DTYPE_NUMB ER		N	
Bill Cycle Day	BillCycleDay	DTYPE_NUMB ER		N	
Bill Frequency	BillFrequency	DTYPE_TEXT		N	
Bill Sequence	BillSequence	DTYPE_NUMB ER		N	
Bill Source	BillSource	DTYPE_TEXT	30	N	
Bill Type	BillType	DTYPE_TEXT		N	
Bill Vendor Id	BillVendorId	DTYPE_ID		N	
Budget Billing Flag	BudgetBillingFlag	DTYPE_TEXT		N	
CPNI Date	CPNIDate	DTYPE_DATET IME		N	
CPNI Flag	CPNIFlag	DTYPE_TEXT		N	
Collections Flag	CollectionsFlag	DTYPE_TEXT		N	
Conflict Id	ConflictId	DTYPE_ID	30	N	
Contact First Name	ContactFirstName	DTYPE_TEXT	50	N	
Contact Id	ContactId	DTYPE_ID		N	
Contact Last Name	ContactLastName	DTYPE_TEXT	50	N	
Created	Created	DTYPE_DATET IME	30	N	
Credit Card Block Flag	CreditCardBlockFlag	DTYPE_TEXT		N	
Credit Card Block Reason	CreditCardBlockReason	DTYPE_TEXT	30	N	
Credit Card Category	CreditCardCategory	DTYPE_TEXT	30	N	
Credit Card Expiration Date	CreditCardExpirationDate	DTYPE_DATET IME		N	
Credit Card Name	CreditCardName	DTYPE_TEXT		N	

Table 75. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Credit Card Number	CreditCardNumber2	DTYPE_TEXT		N	
Credit Card Type	CreditCardType2	DTYPE_TEXT		N	
Currency Type	CurrencyType	DTYPE_TEXT	20	N	
Days To Cash	DaysToCash	DTYPE_NUMBER		N	
Email Bill To	EmailBillTo	DTYPE_TEXT	100	N	
External Billing Account Number	ExternalBillingAccountNumber	DTYPE_TEXT	30	N	
Extra Copies	ExtraCopies	DTYPE_NUMBER		N	
Id	Id	DTYPE_ID	30	N	
Interest at Invoice Flag	InterestatInvoiceFlag	DTYPE_TEXT		N	
Last Bill Amount	LastBillAmount	DTYPE_TEXT		N	
Last Bill Date	LastBillDate	DTYPE_DATE TIME		N	
Media Type	MediaType	DTYPE_TEXT	30	N	
Mod Id	ModId	DTYPE_ID	30	N	
Name	Name	DTYPE_TEXT	100	N	
No Pay Form Flag	NoPayFormFlag	DTYPE_TEXT		N	
Number of Manual Invoices	NumberofManualInvoices	DTYPE_NUMBER		N	
Payment Method	PaymentMethod	DTYPE_TEXT	30	N	
Reason for Manual Outsource	ReasonforManualOutsource	DTYPE_TEXT	30	N	
Repeat Debtor Flag	RepeatDebtorFlag	DTYPE_TEXT		N	
Row Id	RowId	DTYPE_ID		N	

Table 75. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Standing Order Flag	StandingOrderFlag	DTYPE_TEXT		N	
Statement Flag	StatementFlag	DTYPE_TEXT		N	
Status	Status	DTYPE_TEXT	30	N	
Updated	Updated	DTYPE_DATE TIME	30	N	
Yearly Advance Payment Flag	YearlyAdvancePaymentFlag	DTYPE_TEXT		N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Credit Profile</b>					
Credit Area	CreditArea	DTYPE_TEXT	30	N	
Credit Available	CreditAvailable	DTYPE_NUMBER		N	
Credit Currency Code	CreditCurrencyCode	DTYPE_TEXT	20	N	
Credit Limit	CreditLimit	DTYPE_NUMBER		N	
Credit Profile Id	CreditProfileId	DTYPE_ID	30	N	
Credit Profile Integration Id	CreditProfileIntegrationId	DTYPE_TEXT	30	N	
Credit Reporting Group	CreditReportingGroup	DTYPE_TEXT	50	N	
Credit Status Code	CreditStatusCode	DTYPE_TEXT	30	N	
Credit Status Message	CreditStatusMessage	DTYPE_TEXT	250	N	
Credit Used	CreditUsed	DTYPE_NUMBER		N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Risk Category Code	RiskCategoryCode	DTYPE_TEXT	30	N	

Table 75. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
operation	operation	DTYPE_TEXT	30	N	
<b>Related Industry</b>					
Industry	Industry	DTYPE_TEXT	50	N	
Industry Id	IndustryId	DTYPE_ID	30	N	
Industry Integration Id	IndustryIntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
SIC Code	SICCode	DTYPE_TEXT	30	N	
<b>Related Sales Rep</b>					
Division	Division	DTYPE_TEXT	255	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Login	Login	DTYPE_TEXT	50	N	
Position	Position	DTYPE_TEXT	50	N	
Position Id	PositionId	DTYPE_ID	30	N	
Position Integration Id	PositionIntegrationId	DTYPE_TEXT	30	N	
<b>Related Contact</b>					
Assistant Phone #	AssistantPhone	DTYPE_TEXT		N	
Cellular Phone #	CellularPhone	DTYPE_TEXT		N	
Contact Id	ContactId	DTYPE_ID	30	N	
Contact Integration Id	ContactIntegrationId	DTYPE_TEXT	30	N	
Email Address	EmailAddress	DTYPE_TEXT	50	N	
Fax Phone #	FaxPhone	DTYPE_TEXT		N	
First Name	FirstName	DTYPE_TEXT	50	N	
Job Title	JobTitle	DTYPE_TEXT	75	N	
Last Name	LastName	DTYPE_TEXT	50	N	
M/F	MF	DTYPE_TEXT	255	N	
M/M	MM	DTYPE_TEXT	15	N	
Person UId	PersonUIId	DTYPE_TEXT	100	N	



Table 75. Siebel Account ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Primary Organization	PrimaryOrganization	DTYPE_TEXT	100	N	
Work Phone #	WorkPhone	DTYPE_TEXT		N	
<b>Related Organization</b>					
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Organization	Organization	DTYPE_TEXT	50	N	
Organization Id	OrganizationId	DTYPE_ID		N	
Organization Integration Id	OrganizationIntegrationId	DTYPE_TEXT	30	N	

## Billing Management

One ASI and four integration objects are associated with eight Billing Management Business Integration Processes: Siebel Invoice ASI, CUT Payment Interface Integration Object, and a request and response set for CUT Account Balance Interface Integration Object.

## Siebel Invoice

The Siebel Invoice ASI is used by multiple BIPs, including Sync Invoice Header, Query Invoice Details, and Request Duplicate Invoice. The ASI has four types of fields associated with it, a different subset of which is used by each calling BIP to access information in an external billing system.

Figure 35 describes the Siebel Invoice ASI structure.

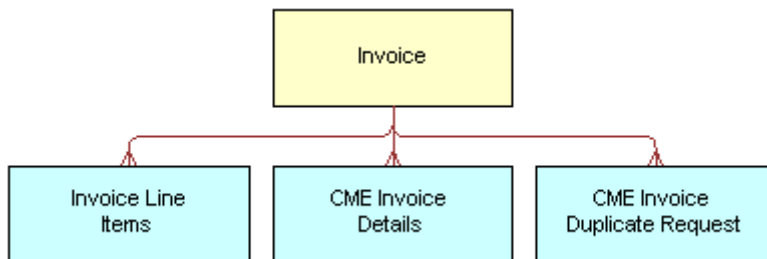


Figure 35. Siebel Invoice ASI

Table 76 lists the integration components and XML tags of this ASI.

Table 76. Siebel Invoice Integration Components

Integration Component	XML Tag	User Keys
CME Invoice Details	CmeInvoiceDetails	No user keys.
CME Invoice Duplicate Request	CmeInvoiceDuplicateRequest	No user keys.
Invoice	Invoice	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Document Number, Document Type</li> </ol>
Invoice Line Items	InvoiceLineItems	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Line Number</li> </ol>

Table 77 lists the fields and their attributes.

Table 77. Siebel Invoice ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>Invoice</b>				
Account Id	AccountId	DTYPE_ID		N
Account Integration Id	AccountIntegrationId	DTYPE_TEXT	30	N
Account Location	AccountLocation	DTYPE_TEXT	30	N
Account Name	AccountName	DTYPE_TEXT	50	N
Account Organization Name	AccountOrganizationName	DTYPE_TEXT	100	N
Activity Id	ActivityId	DTYPE_ID		N
Activity User Defined Unique Id	ActivityUserDefinedUniqueId	DTYPE_TEXT	30	N
Amount Paid	AmountPaid	DTYPE_TEXT		N
Balance Forward	BalanceForward	DTYPE_TEXT		N

Table 77. Siebel Invoice ASI Fields

Name	XML Tag	Data Type	Length	Required
Bill To Person Id	BillToPersonId	DTYPE_TEXT	30	N
Billing End Date	BillingEndDate	DTYPE_TEXT		N
Billing Start Date	BillingStartDate	DTYPE_TEXT		N
Contract Id	ContractId	DTYPE_ID		N
Contract Integration Id	ContractIntegrationId	DTYPE_TEXT	30	N
Contract Name	ContractName	DTYPE_TEXT	50	N
Contract Organization Name	ContractOrganizationName	DTYPE_TEXT	100	N
Contract Revision Number	ContractRevisionNumber	DTYPE_NUMBER		N
Currency Code	CurrencyCode	DTYPE_TEXT	20	N
Delinquent Flag	DelinquentFlag	DTYPE_TEXT		N
Document Date	DocumentDate	DTYPE_TEXT		N
Document Description	DocumentDescription	DTYPE_TEXT	250	N
Document Number	DocumentNumber	DTYPE_TEXT	50	N
Document Period Id	DocumentPeriodId	DTYPE_ID		N
Document Period Name	DocumentPeriodName	DTYPE_TEXT	50	N
Document Period Organization Name	DocumentPeriodOrganizationName	DTYPE_TEXT	100	N
Document Revision Number	DocumentRevisionNumber	DTYPE_NUMBER		N

Table 77. Siebel Invoice ASI Fields

Name	XML Tag	Data Type	Length	Required
Document Status	DocumentStatus	DTYPE_TEXT	30	N
Document Sub Type	DocumentSubType	DTYPE_TEXT	30	N
Document Type	DocumentType	DTYPE_TEXT	30	N
Id	Id	DTYPE_ID	30	N
Integration Id	IntegrationId	DTYPE_TEXT	30	N
Order Id	OrderId	DTYPE_ID		N
Order Integration Id	OrderIntegrationId	DTYPE_TEXT	30	N
Order Number	OrderNumber	DTYPE_TEXT	30	N
Order Organization Name	OrderOrganizationName	DTYPE_TEXT	100	N
Order Type	OrderType	DTYPE_TEXT	50	N
Payment Term	PaymentTerm	DTYPE_TEXT	50	N
Payment Term Due Date	PaymentTermDueDate	DTYPE_DATETIME		N
Payment Term Id	PaymentTermId	DTYPE_ID		N
Payment Term Net Days	PaymentTermNetDays	DTYPE_NUMBER		N
Project Id	ProjectId	DTYPE_ID		N
Project Integration Id	ProjectIntegrationId	DTYPE_TEXT	30	N
Project Number	ProjectNumber	DTYPE_TEXT	30	N
Project Organization Name	ProjectOrganizationName	DTYPE_TEXT	100	N
STORED Adjustment Amount	STOREDAdjustmentAmount	DTYPE_TEXT		N

Table 77. Siebel Invoice ASI Fields

Name	XML Tag	Data Type	Length	Required
STORED Discount Amount	STOREDDiscountAmount	DTYPE_TEXT		N
STORED Gross Amount	STOREDGrossAmount	DTYPE_TEXT		N
STORED Surcharge Amount	STOREDSurchargeAmount	DTYPE_TEXT		N
STORED Tax Amount	STOREDTaxAmount	DTYPE_TEXT		N
Service Request Id	ServiceRequestId	DTYPE_ID		N
Service Request Number	ServiceRequestNumber	DTYPE_TEXT	64	N
Service Request Organization Name	ServiceRequestOrganizationName	DTYPE_TEXT	100	N
Status	Status	DTYPE_TEXT	30	N
Total Amount	TotalAmount	DTYPE_TEXT		N
Type Code	TypeCode	DTYPE_TEXT		N
operation	operation	DTYPE_TEXT	30	N
<b>Invoice Line Items</b>				
Activity Id	ActivityId	DTYPE_ID		N
Activity User Defined Unique Id	ActivityUserDefinedUniqueId	DTYPE_TEXT	30	N
Contract Id	ContractId	DTYPE_ID		N
Contract Integration Id	ContractIntegrationId	DTYPE_TEXT	30	N
Contract Line Id	ContractLineId	DTYPE_ID		N
Contract Name	ContractName	DTYPE_TEXT	50	N

Table 77. Siebel Invoice ASI Fields

Name	XML Tag	Data Type	Length	Required
Contract Organization Name	ContractOrganizationName	DTYPE_TEXT	100	N
Contract Revision Number	ContractRevisionNumber	DTYPE_NUMBER		N
Currency Code	CurrencyCode	DTYPE_TEXT	20	N
Description	Description	DTYPE_TEXT	250	N
Discount Amount	DiscountAmount	DTYPE_TEXT		N
Gross Amount	GrossAmount	DTYPE_TEXT		N
Id	Id	DTYPE_ID	30	N
Integration Id	IntegrationId	DTYPE_TEXT	30	N
Line Number	LineNumber	DTYPE_NUMBER		N
Line Quantity	LineQuantity	DTYPE_NUMBER		N
Line Type	LineType	DTYPE_TEXT	30	N
Order Id	OrderId	DTYPE_ID		N
Order Integration Id	OrderIntegrationId	DTYPE_TEXT	30	N
Order Item Id	OrderItemId	DTYPE_ID		N
Order Item Integration Id	OrderItemIntegrationId	DTYPE_TEXT	30	N
Order Line Number	OrderLineNumber	DTYPE_NUMBER		N
Order Number	OrderNumber	DTYPE_TEXT	30	N
Order Organization Name	OrderOrganizationName	DTYPE_TEXT	100	N
Order Type	OrderType	DTYPE_TEXT	50	N
Person Id	PersonId	DTYPE_ID		N
Product Id	ProductId	DTYPE_ID		N
Product Integration Id	ProductIntegrationId	DTYPE_TEXT	30	N
Product Name	ProductName	DTYPE_TEXT	100	N

Table 77. Siebel Invoice ASI Fields

Name	XML Tag	Data Type	Length	Required
Product Organization Name	ProductOrganizationName	DTYPE_TEXT	100	N
Product Vendor Organization Name	ProductVendorOrganizationName	DTYPE_TEXT	100	N
Project Id	ProjectId	DTYPE_ID		N
Project Integration Id	ProjectIntegrationId	DTYPE_TEXT	30	N
Project Item Id	ProjectItemId	DTYPE_ID		N
Project Item Number	ProjectItemNumber	DTYPE_TEXT	30	N
Project Number	ProjectNumber	DTYPE_TEXT	30	N
Project Organization Name	ProjectOrganizationName	DTYPE_TEXT	100	N
Project Resource Id	ProjectResourceId	DTYPE_ID		N
Project Resource Number	ProjectResourceNumber	DTYPE_TEXT	30	N
Service Request Id	ServiceRequestId	DTYPE_ID		N
Service Request Number	ServiceRequestNumber	DTYPE_TEXT	64	N
Service Request Organization Name	ServiceRequestOrganizationName	DTYPE_TEXT	100	N
Surcharge Amount	SurchargeAmount	DTYPE_TEXT		N
Tax Amount	TaxAmount	DTYPE_TEXT		N
Unit of Measure	UnitofMeasure	DTYPE_TEXT	30	N

Table 77. Siebel Invoice ASI Fields

Name	XML Tag	Data Type	Length	Required
operation	operation	DTYPE_TEXT	30	N
<b>CME Invoice Details</b>				
Amount	Amount2	DTYPE_TEXT		N
Call Type	CallType	DTYPE_TEXT		N
Currency	Currency	DTYPE_TEXT		N
Date/Time	DateTime	DTYPE_TEXT		N
Duration	Duration	DTYPE_TEXT		N
Id	Id	DTYPE_ID	30	N
Invoice Header Id	InvoiceHeaderId	DTYPE_TEXT		N
Line Number	LineNumber	DTYPE_TEXT		N
Location	Location	DTYPE_TEXT		N
Number Called	NumberCalled	DTYPE_TEXT		N
Originating Number	OriginatingNumber	DTYPE_TEXT		N
Period	Period	DTYPE_TEXT		N
Rate	Rate	DTYPE_TEXT		N
Segment	Segment	DTYPE_TEXT		N
Service	Service	DTYPE_TEXT		N
Vid	Vid	DTYPE_ID		N
operation	operation	DTYPE_TEXT	30	N
<b>CME Invoice Duplicate Request</b>				
Copies	Copies	DTYPE_NUMBER		N
Id	Id	DTYPE_ID	30	N
operation	operation	DTYPE_TEXT	30	N

## Siebel Invoice Adjustment

The Siebel Invoice Adjustment ASI is used by UAN CME Query Invoice Adjustment, UAN CME Create Invoice Adjust Request, and UAN CME Update Invoice Adjustment Request.



Figure 36 describes the structure of the Siebel Invoice Adjustment ASI.

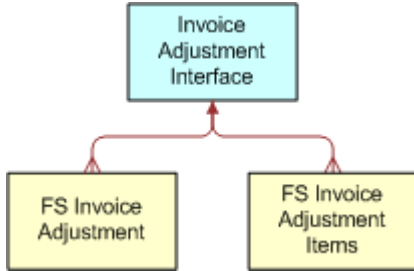


Figure 36. Siebel Invoice Adjustment ASI

Table 78 lists the integration components of this ASI.

Table 78. Siebel Invoice Adjustment Components

Integration Component	XML Tag	User Keys
FS Invoice Adjustment	Adjustment	<b>1</b> Adjustment ID <b>2</b> Integration Id
FS Invoice Adjustment Items	AdjustmentItem	<b>1</b> Item Adjustment ID <b>2</b> Integration Id

Table 79 lists the fields and their attributes.

Table 79. Siebel Invoice Adjustment ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>FS Invoice Adjustment</b>				
Account Id	AccountId	DTYPE_ID		N
Account Name	AccountName	DTYPE_TEXT	100	N
Adjustment ID	AdjustmentID	DTYPE_ID		N
Alert Id	AlertId	DTYPE_ID		N
Approved Amt	ApprovedAmt	DTYPE_TEXT		N
Approved Currency	ApprovedCurrency	DTYPE_TEXT	20	N
Approved Date	ApprovedDate	DTYPE_TEXT		N
Approved Exchange Date	ApprovedExchangeDate	DTYPE_DATETIME		N
Conflict Id	ConflictId	DTYPE_ID	30	N
Created	Created	DTYPE_DATETIME	30	N

Table 79. Siebel Invoice Adjustment ASI Fields

Name	XML Tag	Data Type	Length	Required
Created By Login	CreatedByLogin	DTYPE_TEXT	50	N
Customer Decision	CustomerDecision	DTYPE_TEXT	30	N
Customer Decision Date	CustomerDecisionDate	DTYPE_DATETIME		N
Decision Description	DecisionDescription	DTYPE_TEXT	250	N
Description	Description	DTYPE_TEXT	250	N
First Name	FirstName	DTYPE_TEXT	50	N
Id	Id	DTYPE_ID	30	N
Integration Id	IntegrationId	DTYPE_TEXT	30	N
Invoice ID	InvoiceID	DTYPE_ID		N
Invoice Line Item ID	InvoiceLineItemID	DTYPE_ID		N
Invoice Number	InvoiceNumber	DTYPE_TEXT	50	N
Invoice Number No Constrain	InvoiceNumberNoConstrain	DTYPE_TEXT	50	N
Item Line Number	ItemLineNumber	DTYPE_NUMBER		N
Last Name	LastName	DTYPE_TEXT	50	N
Line Number	LineNumber	DTYPE_NUMBER		N
Mod Id	ModId	DTYPE_ID	30	N
Reason For Request	ReasonForRequest	DTYPE_TEXT	30	N
Request Amt	RequestAmt	DTYPE_TEXT		N
Request Currency	RequestCurrency	DTYPE_TEXT	20	N
Request Date	RequestDate	DTYPE_TEXT		N
Request Exchange Date	RequestExchangeDate	DTYPE_DATETIME		N
Status	Status	DTYPE_TEXT	30	N
Type	Type	DTYPE_TEXT	30	N
Updated	Updated	DTYPE_DATETIME	30	N
operation	operation	DTYPE_TEXT	30	N
searchspec	searchspec	DTYPE_TEXT	250	N
<b>FS Invoice Adjustment Items</b>				
Approved Amt	ApprovedAmt	DTYPE_TEXT		N
Approved Currency Code	ApprovedCurrencyCode	DTYPE_TEXT	20	N
Approved Description	ApprovedDescription	DTYPE_TEXT	250	N

Table 79. Siebel Invoice Adjustment ASI Fields

Name	XML Tag	Data Type	Length	Required
Approved Exchange Date	ApprovedExchangeDate	DTYPE_DATETIME		N
Conflict Id	ConflictId	DTYPE_ID	30	N
Created	Created	DTYPE_DATETIME	30	N
Description	Description	DTYPE_TEXT	250	N
Id	Id	DTYPE_ID	30	N
Integration Id	IntegrationId	DTYPE_TEXT	30	N
Invoice Adj ID	InvoiceAdjID	DTYPE_ID		N
Invoice Item ID	InvoiceItemID	DTYPE_ID		N
Item Adjustment ID	ItemAdjustmentID	DTYPE_ID		N
Line Number	LineNumber	DTYPE_NUMBER		N
Mod Id	ModId	DTYPE_ID	30	N
Original Amount	OriginalAmount	DTYPE_TEXT		N
Request Amt	RequestAmt	DTYPE_TEXT		N
Request Currency	RequestCurrency	DTYPE_TEXT	20	N
Request Date	RequestDate	DTYPE_TEXT		N
Request Exchange Date	RequestExchangeDate	DTYPE_DATETIME		N
Status	Status	DTYPE_TEXT	30	N
Updated	Updated	DTYPE_DATETIME	30	N
operation	operation	DTYPE_TEXT	30	N
searchspec	searchspec	DTYPE_TEXT	250	N

## CUT Payment Interface Integration Object

The CUT Payment Interface integration object is used by both the CME Sync Payment and CME Update Payment Status Business Integration Processes to share information with external systems about payments made through the Siebel application.

Figure 37 describes the CUT Payment Interface integration object structure.

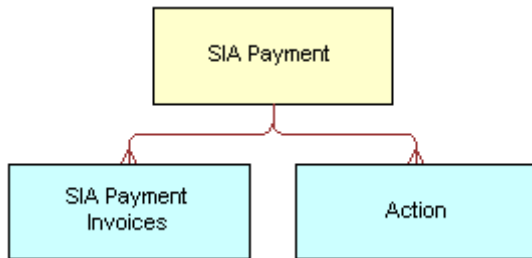


Figure 37. CUT Payment Interface Integration Object

Table 80 lists the integration components and XML tags.

Table 80. CUT Payment Interface ASI Integration Components

Integration Component	XML Tag	User Keys
Action	ListOfCutPaymentInterface	1 Description
SIA Payment	SiaPayment	1 Id
SIA Payment Invoices	SiaPaymentInvoices	1 Invoice Id

Table 81 lists the fields and their attributes.

Table 81. CUT Payment Interface Integration Object Fields

Name	XML Tag	Data Type	Length	Required
<b>SIA Payment</b>				
Account Id	AccountId	DTYPE_ID		
Alert Id	AlertId	DTYPE_ID		
Bank Account Number	BankAccountNumber	DTYPE_TEXT	50	
Bank Location	BankLocation	DTYPE_TEXT	100	
Bank Name	BankName	DTYPE_TEXT	100	
Cheque Number	ChequeNumber	DTYPE_TEXT	30	
Cheque Status	ChequeStatus	DTYPE_TEXT	30	
Comments	Comments	DTYPE_TEXT	255	
Credit Card Expiration Date	CreditCardExpirationDate	DTYPE_DATETIME		
Credit Card Holder Name	CreditCardHolderName	DTYPE_TEXT	50	

Table 81. CUT Payment Interface Integration Object Fields

Name	XML Tag	Data Type	Length	Required
Credit Card Number	CreditCardNumber	DTYPE_TEXT	50	
Currency Code	CurrencyCode	DTYPE_TEXT	20	
Desired Payment Date	DesiredPaymentDate	DTYPE_DATETIME		
Exchange Date	ExchangeDate	DTYPE_DATETIME		
Id	Id	DTYPE_ID	30	
Invoice Amount	InvoiceAmount	DTYPE_TEXT		
Invoice Num	InvoiceNum	DTYPE_ID		
Payment Amount	PaymentAmount	DTYPE_TEXT		
Payment Date	PaymentDate	DTYPE_DATETIME		
Payment Method	PaymentMethod	DTYPE_TEXT	30	
Payment Number	PaymentNumber	DTYPE_TEXT	30	
Payment Type	PaymentType	DTYPE_TEXT	30	
Received Date	ReceivedDate	DTYPE_TEXT		
Reference Location	ReferenceLocation	DTYPE_TEXT	100	
Reference Number	ReferenceNumber	DTYPE_TEXT	30	
Status	Status	DTYPE_TEXT	30	
Updated	Updated	DTYPE_DATETIME	30	
Updated By	UpdatedBy	DTYPE_TEXT	50	
operation	operation	DTYPE_TEXT	30	
<b>SIA Payment Invoices</b>				
Currency Code	CurrencyCode	DTYPE_TEXT	20	
Id	Id	DTYPE_ID	30	
Invoice Date	InvoiceDate	DTYPE_TEXT		
Invoice Id	InvoiceId	DTYPE_ID		
Payment Amount Applied	PaymentAmountApplied	DTYPE_TEXT		
Payment Id	PaymentId	DTYPE_ID		
operation	operation	DTYPE_TEXT	30	
<b>Action</b>				
Account Id	AccountId	DTYPE_ID		
Description	Description	DTYPE_TEXT	100	

Table 81. CUT Payment Interface Integration Object Fields

Name	XML Tag	Data Type	Length	Required
Primary Owner Id	PrimaryOwnerId	DTYPE_ID		
Type	Type	DTYPE_TEXT	30	

## CUT Account Balance Interface - Request Integration Object

The CME Query Account Balance Business Integration Process uses the CUT Account Balance Interface - Request integration object to query the external application with an account number for balance and dunning information.

Figure 38 describes the CUT Account Balance Interface - Request Integration Object structure.

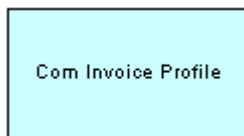


Figure 38. CUT Account Balance Interface Request Integration Object

Table 82 lists the integration components and XML tags.

Table 82. CUT Account Balance Request Integration Object Integration Components

Integration Component	XML Tag	User Keys
Com Invoice Profile	ComInvoiceProfile	No user keys.

Table 83 lists the fields and their attributes.

Table 83. CUT Account Balance Interface - Request Integration Object Fields

Name	XML Tag	Data Type	Length	Required
<b>Com Invoice Profile</b>				
Account Id	AccountId	DTYPE_ID		
External Billing Account Number	ExternalBillingAccountNumber	DTYPE_TEXT	30	

# CUT Account Balance Interface - Response Integration Object

The CME Query Account Balance Business Integration Process uses the CUT Account Balance Interface - Response integration object to receive balance and dunning information related to an account.

Figure 39 describes the CUT Account Balance Interface - Response Integration Object structure.

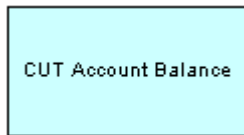


Figure 39. CUT Account Balance Interface - Response Integration Object

Table 84 lists the integration components and XML tags.

Table 84. CUT Account Balance Interface - Response Integration Object Integration Components

Integration Component	XML Tag	User Keys
CUT Account Balance	CutAccountBalance	No user keys.

Table 85 lists the fields and their attributes.

Table 85. CUT Account Balance Interface - Response Integration Object Fields

Name	XML Tag	Data Type	Length	Required
<b>CUT Account Balance</b>				
30 Days Due	DaysDue30	DTYPE_TEXT		
60 Days Due	DaysDue60	DTYPE_TEXT		
90 Days Due	DaysDue90	DTYPE_TEXT		
Balance	Balance	DTYPE_TEXT		
Currency	Currency	DTYPE_TEXT		
Current Balance	CurrentBalance	DTYPE_TEXT		
Due Date	DueDate	DTYPE_TEXT		
External Account #	ExternalAccountNum	DTYPE_TEXT		
Pending Credits	PendingCredits	DTYPE_TEXT		
Pending Debits	PendingDebits	DTYPE_TEXT		
Unbilled Usage	UnbilledUsage	DTYPE_TEXT		

Table 85. CUT Account Balance Interface - Response Integration Object Fields

Name	XML Tag	Data Type	Length	Required
operation	operation	DTYPE_TEXT	30	
searchspec	searchspec	DTYPE_TEXT	250	

## Siebel Meter Reading

The CME Update Meter Usage Business Integration Process uses the Siebel Meter Reading ASI to update the external application with meter reading data for billing information.

Figure 40 describes the Siebel Meter Reading ASI structure.

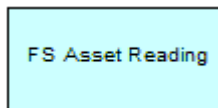


Figure 40. Siebel Meter Reading ASI

Table 86 lists the integration components and XML tags of this ASI.

Table 86. Siebel Meter Reading ASI Integration Components

Integration Component	XML Tag	User Keys
FS Asset Reading	FsAssetReading	1 Id

Table 87 lists the fields and their attributes.

Table 87. Siebel Meter Reading ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>FS Asset Reading</b>				
Account Id	AccountId	DTYPE_ID		N
Asset Id	AssetId	DTYPE_ID		N
Asset Number	AssetNumber	DTYPE_TEXT	100	N
Asset Serial Number	AssetSerialNumber	DTYPE_TEXT	100	N
Complete Flag	CompleteFlag	DTYPE_TEXT		N
Conflict Id	ConflictId	DTYPE_ID	30	N
Created	Created	DTYPE_DATETIME	30	N
Employee	Employee	DTYPE_TEXT	50	N



Table 87. Siebel Meter Reading ASI Fields

Name	XML Tag	Data Type	Length	Required
Id	Id	DTYPE_ID	30	N
Measurement Method Code	MeasurementMethodCode	DTYPE_TEXT	30	N
Mod Id	ModId	DTYPE_ID	30	N
Product Id	ProductId	DTYPE_ID		N
Reading	Reading	DTYPE_NUMBER		N
Service Point Number	ServicePointNumber	DTYPE_ID		N
Timestamp	Timestamp	DTYPE_TEXT		N
Units	Units	DTYPE_TEXT	30	N
Updated	Updated	DTYPE_DATETIME	30	N
operation	operation	DTYPE_TEXT	30	N
searchspec	searchspec	DTYPE_TEXT	250	N

## Siebel Meter Usage Data

The CME Query Meter Usage Business Integration Process uses the Siebel Meter Usage Data ASI to query the external application with meter usage data for billing information.

Figure 41 describes the Siebel Meter Usage Data ASI structure.

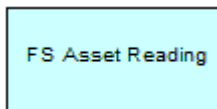


Figure 41. Siebel Meter Usage Data ASI

Table 88 lists the integration components and XML tags of this ASI.

Table 88. Siebel Meter Usage Data ASI Integration Components

Integration Component	XML Tag	User Keys
SIS OM Asset Mgmt - Asset - Complex Header Billing	Asset	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Asset Number</li> </ol>
UT Usage Detail	UtUsageDetail	<ol style="list-style-type: none"> <li>1 Period Id</li> </ol>

Table 89 lists the fields and their attributes.

Table 89. Siebel Meter Usage Data ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>SIS OM Asset Mgmt - Asset - Complex Header Billing</b>				
Billing Account Id	BillingAccountId	DTYPE_ID		N
Id	Id	DTYPE_ID	30	N
Product Id	ProductId	DTYPE_ID		N
Service Point Id	ServicePointId	DTYPE_ID		N
Service Point Serial Number	ServicePointSerialNumber	DTYPE_TEXT	100	N
Status	Status	DTYPE_TEXT	30	N
operation	operation	DTYPE_TEXT	30	N
searchspec	searchspec	DTYPE_TEXT	250	N
<b>UT Usage Detail</b>				
Asset Id	AssetId	DTYPE_ID		N
Billed Demand	BilledDemand	DTYPE_NUMBER		N
Billing Account	BillingAccount	DTYPE_TEXT	100	N
Billing Account Id	BillingAccountId	DTYPE_ID		N
Billing Account Number	BillingAccountNumber	DTYPE_TEXT	30	N
Billing Days	BillingDays	DTYPE_NUMBER		
Conflict Id	ConflictId	DTYPE_ID	30	N
Created	Created	DTYPE_DATETIME	30	N
Data Source	DataSource	DTYPE_TEXT	30	N
Degree Days	DegreeDays	DTYPE_NUMBER		N
Demand UOM	DemandUOM	DTYPE_TEXT	30	N
End Date	EndDate	DTYPE_DATETIME		N
Id	Id	DTYPE_ID	30	N
Intermediate Usage	IntermediateUsage	DTYPE_NUMBER		N
Load Factor	LoadFactor	DTYPE_NUMBER		N
Mod Id	ModId	DTYPE_ID	30	N
Off Peak Demand	OffPeakDemand	DTYPE_NUMBER		N
Off Peak Usage	OffPeakUsage	DTYPE_NUMBER		N

Table 89. Siebel Meter Usage Data ASI Fields

Name	XML Tag	Data Type	Length	Required
On Peak Demand	OnPeakDemand	DTYPE_NUMBER		N
On Peak Usage	OnPeakUsage	DTYPE_NUMBER		N
Period	Period	DTYPE_TEXT	50	N
Period Id	PeriodId	DTYPE_ID		N
Power Factor	PowerFactor	DTYPE_NUMBER		N
Rate Code	RateCode	DTYPE_TEXT	30	N
Rate Exception	RateException	DTYPE_TEXT	30	N
Read Code	ReadCode	DTYPE_TEXT	30	N
Start Date	StartDate	DTYPE_DATETIME		N
Supplier	Supplier	DTYPE_TEXT	100	N
Supplier Id	SupplierId	DTYPE_ID		N
Total Usage	TotalUsage	DTYPE_NUMBER		N
Updated	Updated	DTYPE_DATETIME	30	N
Usage UOM	UsageUOM	DTYPE_TEXT	30	N
operation	operation	DTYPE_TEXT	30	N
searchspec	searchspec	DTYPE_TEXT	250	N

## Siebel Payment

The Siebel Payment ASI is used by the UAN CME Query Payment Business Integration Process to query payment information from the external systems.

Figure 42 describes the structure of the Siebel Payment ASI.

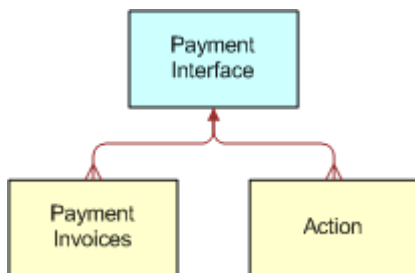


Figure 42. Siebel Payment ASI

Table 90 lists the integration components of this ASI.

Table 90. Siebel Payment Integration Component

Integration Component	XML Tag	User Keys
Action	Action	1 Description
SIA Payment	SiaPayment	1 Id 2 Integration Id
SIA Payment Invoices	SiaPaymentInvoices	1 Invoice Id

Table 91 lists the fields and their attributes.

Table 91. Siebel Payment ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>Action</b>				
Account Id	AccountId	DTYPE_ID		N
Description	Description	DTYPE_TEXT	100	N
Primary Owner Id	PrimaryOwnerId	DTYPE_ID		N
Type	Type	DTYPE_TEXT	30	N
<b>SIA Payment</b>				
Account Id	AccountId	DTYPE_ID		N
Alert Id	AlertId	DTYPE_ID		N
Bank Account Number	BankAccountNumber	DTYPE_TEXT	50	N
Bank Location	BankLocation	DTYPE_TEXT	100	N
Bank Name	BankName	DTYPE_TEXT	100	N
Cheque Number	ChequeNumber	DTYPE_TEXT	30	N
Cheque Status	ChequeStatus	DTYPE_TEXT	30	N
Comments	Comments	DTYPE_TEXT	255	N
Credit Card Expiration Date	CreditCardExpirationDate	DTYPE_DATETIME		N
Credit Card Holder Name	CreditCardHolderName	DTYPE_TEXT	50	N
Credit Card Number	CreditCardNumber	DTYPE_TEXT	50	N
Currency Code	CurrencyCode	DTYPE_TEXT	20	N
Desired Payment Date	DesiredPaymentDate	DTYPE_DATETIME		N

Table 91. Siebel Payment ASI Fields

Name	XML Tag	Data Type	Length	Required
Exchange Date	ExchangeDate	DTYPE_DATETIME		N
Id	Id	DTYPE_ID	30	N
Integration Id	IntegrationId	DTYPE_TEXT	30	N
Invoice Amount	InvoiceAmount	DTYPE_TEXT		N
Invoice Num	InvoiceNum	DTYPE_ID		N
Payment Amount	PaymentAmount	DTYPE_TEXT		N
Payment Date	PaymentDate	DTYPE_DATETIME		N
Payment Method	PaymentMethod	DTYPE_TEXT	30	N
Payment Number	PaymentNumber	DTYPE_TEXT	30	N
Payment Type	PaymentType	DTYPE_TEXT	30	N
Received Date	ReceivedDate	DTYPE_TEXT		N
Reference Location	ReferenceLocation	DTYPE_TEXT	100	N
Reference Number	ReferenceNumber	DTYPE_TEXT	30	N
Status	Status	DTYPE_TEXT	30	N
Updated	Updated	DTYPE_DATETIME	30	N
Updated By	UpdatedBy	DTYPE_TEXT	50	N
operation	operation	DTYPE_TEXT	30	N
<b>SIA Payment Invoices</b>				
Currency Code	CurrencyCode	DTYPE_TEXT	20	N
Id	Id	DTYPE_ID	30	N
Invoice Date	InvoiceDate	DTYPE_TEXT		N
Invoice Id	InvoiceId	DTYPE_ID		N
Payment Amount Applied	PaymentAmountApplied	DTYPE_TEXT		N
Payment Id	PaymentId	DTYPE_ID		N
operation	operation	DTYPE_TEXT	30	N

## Product and Pricing Administration

There are two ASIs for managing products: Siebel Simple Product and Siebel Configurable Product. For more information about the Siebel Simple Product ASI, see [“Siebel Simple Product” on page 246](#), and for more information about the Siebel Configurable Product ASI, see [“Siebel Configurable Product” on page 73](#).

# Siebel Simple Product

The Siebel Simple Product ASI is used in the CME Create Product Business Integration Process and the CME Update Product Business Integration Process to create and synchronize Siebel simple products.

Figure 43 describes the Siebel Simple Product ASI structure.

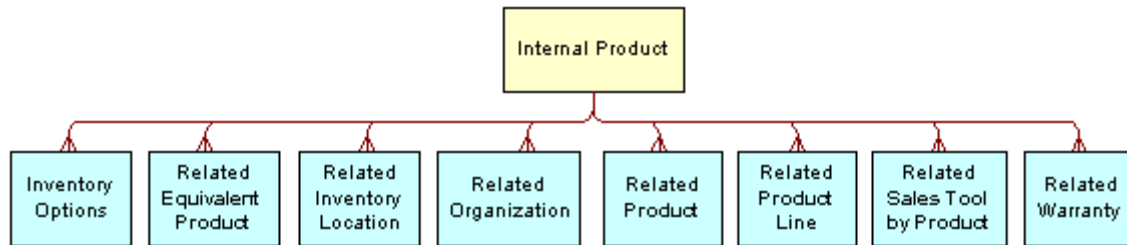


Figure 43. Siebel Simple Product ASI

Table 92 lists the integration components and XML tags of this ASI.

Table 92. Siebel Simple Product Components

Integration Component	XML Tag	User Keys
Internal Product	InternalProduct	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id, Product Name</li> <li>3 Integration Id, Primary Organization, Primary Vendor, Product Name, Vendor Primary Organization, Vendor Site</li> <li>4 Primary Organization, Primary Vendor, Product Name, Vendor Primary Organization, Vendor Site</li> </ol>
FS Inventory Options	InventoryOptions	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Inventory Type, Product Name</li> </ol>
Internal Product_Equivalent Product	RelatedEquivalentProduct	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Equivalent Product, Equivalent Product Primary Organization, Equivalent Product Vendor, Equivalent Product Vendor Location, Equivalent Product Vendor Organization</li> </ol>

Table 92. Siebel Simple Product Components

Integration Component	XML Tag	User Keys
FS Inventory Location	RelatedInventoryLocation	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Inventory Name, Primary Organization</li> </ol>
Internal Product_Organization	RelatedOrganization	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Organization</li> </ol>
Internal Product_Related Product	RelatedProduct	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Organization, Product Name, Vendor, Vendor Location</li> </ol>
Internal Product_Admin Product Line	RelatedProductLine	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Product Line</li> </ol>
Sales Tool by Product	RelatedSalesToolByProduct	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Name, Primary Organization</li> </ol>
FS Warranty	RelatedWarranty	<ol style="list-style-type: none"> <li>1 Id</li> <li>2 Integration Id</li> <li>3 Warranty Name, Warranty Provider Name, Warranty Provider Primary Organization, Warranty Provider Site</li> </ol>

Table 93 lists the fields and their attributes.

Table 93. Siebel Simple Product ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
<b>Internal Product</b>					
Allocate Below Safety Flag	AllocateBelowSafetyFlag	DTYPE_TEXT	30	N	
Auto Allocate Flag	AutoAllocateFlag	DTYPE_TEXT	30	N	

Table 93. Siebel Simple Product ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Auto Substitute Flag	AutoSubstituteFlag	DTYPE_TEXT	30	N	
Class Id	ClassId	DTYPE_ID		N	
Class Integration Id	ClassIntegrationId	DTYPE_TEXT	30	N	
Class Name	ClassName	DTYPE_TEXT	75	N	
Class Type	ClassType	DTYPE_TEXT	30	N	
Compensable	CompensableFlag	DTYPE_TEXT		N	
Description	Description	DTYPE_TEXT	255	N	
Division Code	DivisionCode	DTYPE_TEXT	30	N	
Effective End Date	EffectiveEndDate	DTYPE_DATETIME		N	
Effective Start Date	EffectiveStartDate	DTYPE_DATETIME		N	
Field Replacable	FieldReplacable	DTYPE_TEXT		N	
Global Assembly Level Code	GlobalAssemblyLevelCode	DTYPE_TEXT	50	N	
Global Product Classification Code	GlobalProductClassificationCode	DTYPE_TEXT	50	N	
Global Product Identifier	GlobalProductIdentifier	DTYPE_TEXT	50	N	
Global Product Lifecycle Status Code	GlobalProductLifecycleStatusCode	DTYPE_TEXT	50	N	
Global Supply Chain Code	GlobalSupplyChainCode	DTYPE_TEXT	50	N	
Id	Id	DTYPE_ID	30	N	
Image Name	ImageName	DTYPE_TEXT	100	N	
Image Primary Organization Name	ImagePrimaryOrganizationName	DTYPE_TEXT	100	N	
Image File Name	ImageFileName	DTYPE_TEXT	200	N	



Table 93. Siebel Simple Product ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsAdminMode	IsAdminMode	DTYPE_TEXT		N	
Item Size	ItemSize	DTYPE_NUMBER		N	
Lead Time	LeadTime	DTYPE_TEXT	30	N	
MTBF	MTBF	DTYPE_NUMBER		N	
MTRR	MTRR	DTYPE_NUMBER		N	
Maximum Quantity	MaximumQuantity	DTYPE_NUMBER		N	
Minimum Quantity	MinimumQuantity	DTYPE_NUMBER		N	
Orderable	Orderable	DTYPE_TEXT		N	
Parent Internal Product Id (Joined)	ParentInternalProduct Id	DTYPE_ID		N	
Parent Internal Product Integration Id	ParentInternalProduct IntegrationId	DTYPE_TEXT	30	N	
Parent Internal Product Name	ParentInternalProduct Name	DTYPE_TEXT	100	N	
Parent Internal Product Primary Organization	ParentInternalProduct PrimaryOrganization	DTYPE_TEXT	100	N	
Parent Internal Product Vendor	ParentInternalProduct Vendor	DTYPE_TEXT	100	N	
Parent Internal Product Vendor Location	ParentInternalProduct VendorLocation	DTYPE_TEXT	50	N	
Parent Internal Product Vendor Organization	ParentInternalProduct VendorOrganization	DTYPE_TEXT	100	N	
Part Number	PartNumber	DTYPE_TEXT	50	N	
Price Type	PriceType	DTYPE_TEXT		N	
Primary Organization	PrimaryOrganization	DTYPE_TEXT	50	N	
Primary Vendor	PrimaryVendor	DTYPE_TEXT	100	N	

Table 93. Siebel Simple Product ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Product Image Id	ProductImageId	DTYPE_ID		N	
Product Image Integration Id	ProductImageIntegrationId	DTYPE_TEXT	30	N	
Product Level	ProductLevel	DTYPE_NUMBER		N	
Product Name	ProductName	DTYPE_TEXT	100	N	
Product Type	ProductType	DTYPE_TEXT	30	N	
Return if Defective	ReturnifDefective	DTYPE_TEXT		N	
Revision	Version	DTYPE_TEXT	30	N	
Sales Product	SalesProduct	DTYPE_TEXT		N	
Serialized	Serialized	DTYPE_TEXT		N	
Service Product	ServiceProduct	DTYPE_TEXT	30	N	Added in UAN 4.1.
Service Type	ServiceType	DTYPE_TEXT			
Ship Carrier	Carrier	DTYPE_TEXT	30	N	
Shipping Via	ShippingVia	DTYPE_TEXT	30	N	
Status	Status	DTYPE_TEXT	30	N	
Targeted Country	TargetedCountry	DTYPE_TEXT	250	N	
Targeted Industry	TargetedIndustry	DTYPE_TEXT	250	N	
Targeted Max Age	TargetedMaxAge	DTYPE_NUMBER		N	
Targeted Min Age	TargetedMinAge	DTYPE_NUMBER		N	
Targeted Postal Code	TargetedPostalCode	DTYPE_TEXT	250	N	
Tool Flag	ToolFlag	DTYPE_TEXT		N	
Unit of Measure	UnitofMeasure	DTYPE_TEXT	30	N	
Units In Inventory	UnitsInInventory	DTYPE_NUMBER		N	
Units In Inventory As Of	UnitsInInventoryAsOf	DTYPE_TEXT		N	

Table 93. Siebel Simple Product ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Vendor Id	VendorId	DTYPE_ID		N	
Vendor Integration Id	VendorIntegrationId	DTYPE_TEXT	30	N	
Vendor Part Number	VendorPartNumber	DTYPE_TEXT	50	N	
Vendor Primary Organization	VendorPrimaryOrganization	DTYPE_TEXT	100	N	
Vendor Site	VendorSite	DTYPE_TEXT	50	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>FS Inventory Options</b>					
Allocate Below Safety Flag	AllocateBelowSafetyFlag	DTYPE_TEXT	30	N	
Auto AllocateFlag	AutoAllocateFlag	DTYPE_TEXT	30	N	
Auto Substitute Flag	AutoSubstituteFlag	DTYPE_TEXT	30	N	
Class ABC	ClassABC	DTYPE_TEXT	30	N	
Class XYZ	ClassXYZ	DTYPE_TEXT	30	N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Inventory Type	InventoryType	DTYPE_TEXT	30	N	
Product Name	ProductName	DTYPE_TEXT	100	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Internal Product_Equivalent Product</b>					
Equivalent Product	EquivalentProduct	DTYPE_TEXT	100	N	
Equivalent Product Primary Organization	EquivalentProductPrimaryOrganization	DTYPE_TEXT	50	N	
Equivalent Product Vendor	EquivalentProductVendor	DTYPE_TEXT	100	N	

Table 93. Siebel Simple Product ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Equivalent Product Vendor Location	EquivalentProductVendorLocation	DTYPE_TEXT	50	N	
Equivalent Product Vendor Organization	EquivalentProductVendorOrganization	DTYPE_TEXT	100	N	
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>FS Inventory Location</b>					
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Inventory Name	InventoryName	DTYPE_TEXT	100	N	
Primary Organization Name	PrimaryOrganizationName	DTYPE_TEXT	100	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Internal Product_Organization</b>					
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Organization	Organization	DTYPE_TEXT	50	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Internal Product_Related Product</b>					
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Organization	Organization	DTYPE_TEXT	50	N	

Table 93. Siebel Simple Product ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Product Name	ProductName	DTYPE_TEXT	100	N	
Vendor	Vendor	DTYPE_TEXT	100	N	
Vendor Location	VendorLocation	DTYPE_TEXT	50	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Internal Product_Admin Product Line</b>					
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N	
Product Line	ProductLine	DTYPE_TEXT	100	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>Sales Tool by Product</b>					
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
LitFileName	LitFileName	DTYPE_TEXT	220	N	
Name	Name	DTYPE_TEXT	50	N	
Primary Organization	PrimaryOrganization	DTYPE_TEXT	50	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	
<b>FS Warranty</b>					
Id	Id	DTYPE_ID	30	N	
Integration Id	IntegrationId	DTYPE_TEXT	30	N	
Warranty Name	WarrantyName	DTYPE_TEXT	100	N	
Warranty Provider Name	WarrantyProviderName	DTYPE_TEXT	100	N	
Warranty Provider Primary Organization	WarrantyProviderPrimaryOrganization	DTYPE_TEXT	100	N	

Table 93. Siebel Simple Product ASI Fields

Name	XML Tag	Data Type	Length	Req.	Notes
Warranty Provider Site	WarrantyProviderSite	DTYPE_TEXT	50	N	
operation	operation	DTYPE_TEXT	30	N	
searchspec	searchspec	DTYPE_TEXT	250	N	

## Trouble Ticketing Management

Trouble Ticketing Management uses a single ASI, Trouble Ticket, to enable the submission and processing of trouble tickets and the update of trouble ticket line items.

### Siebel Trouble Ticket

The Siebel Trouble Ticket ASI enables the use of a trouble ticket in the Siebel application to create, request, and update the external application with trouble ticket data when the external application has detected an outage or network fault.

Figure 44 describes the Siebel Trouble Ticket ASI structure.

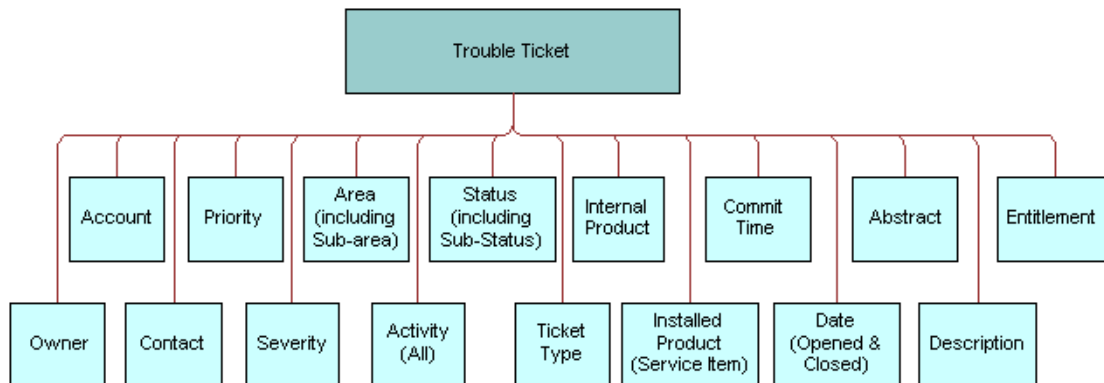


Figure 44. Siebel Trouble Ticket ASI

Table 94 lists the integration components and XML tags of this ASI.

Table 94. Siebel Trouble Ticket ASI Integration Components

Integration Component	XML Tag	User Keys
Related Service Request_ Service Elements	RelatedServiceRequest_ServiceElements	1 Service Element Id
Related Service Request	RelatedServiceRequest	1 Integration Id 2 Id
Service Request_Service Elements	ServiceRequest_ServiceElements	1 Service Element Id
Service Request	ServiceRequest	1 Id 2 Integration Id

Table 95 lists the fields and their attributes.

Table 95. Siebel Trouble Ticket ASI Fields

Name	XML Tag	Data Type	Length	Required
<b>Related Service Request_Service Elements</b>				
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N
Service Element Id	ServiceElementId	DTYPE_ID	30	N
operation	operation	DTYPE_TEXT	30	N
searchspec	searchspec	DTYPE_TEXT	250	N
<b>Related Service Request</b>				
Abstract	Abstract	DTYPE_TEXT	100	N
Account Id	AccountId	DTYPE_ID		N
Area	Area	DTYPE_TEXT	30	N
Closed Date	ClosedDate	DTYPE_TEXT		N
Commit Time	CommitTime	DTYPE_TEXT		N
Contact Id	ContactId	DTYPE_ID		N
Created	Created	DTYPE_DATETIME	30	N
Customer Ref Number	CustomerRefNumber	DTYPE_TEXT	64	N
Description	Description	DTYPE_TEXT	2000	N
Entitlement Id	EntitlementId	DTYPE_ID		N
Id	Id	DTYPE_ID	30	N

Table 95. Siebel Trouble Ticket ASI Fields

Name	XML Tag	Data Type	Length	Required
Integration Id	IntegrationId	DTYPE_TEXT	30	N
Owned By Id	OwnedById	DTYPE_ID		N
Priority	Priority	DTYPE_TEXT	30	N
Service Point Asset Id	ServicePointAssetId	DTYPE_TEXT	15	N
Severity	Severity	DTYPE_TEXT	30	N
Status	Status	DTYPE_TEXT	30	Y
Sub-Area	Sub-Area	DTYPE_TEXT	30	N
Sub-Status	Sub-Status	DTYPE_TEXT	30	Y
TT Source	TTSrc	DTYPE_TEXT	30	N
Ticket Type	TicketType	DTYPE_TEXT	30	N
operation	operation	DTYPE_TEXT	30	N
searchspec	searchspec	DTYPE_TEXT	250	N
<b>Service Request</b>				
Abstract	Abstract	DTYPE_TEXT	100	N
Account Id	AccountId	DTYPE_ID		N
Area	Area	DTYPE_TEXT	30	N
Closed Date	ClosedDate	DTYPE_TEXT		N
Commit Time	CommitTime	DTYPE_TEXT		N
Contact Id	ContactId	DTYPE_ID		N
Created	Created	DTYPE_DATETIME	30	N
Customer Ref Number	CustomerRefNumber	DTYPE_TEXT	64	N
Description	Description	DTYPE_TEXT	2000	N
Entitlement Id	EntitlementId	DTYPE_ID		N
Id	Id	DTYPE_ID	30	N
Integration Id	IntegrationId	DTYPE_TEXT	30	N
Opened Date	OpenedDate	DTYPE_TEXT		Y
Owned By Id	OwnedById	DTYPE_ID		N
Priority	Priority	DTYPE_TEXT	30	N
Service Point Asset Id	ServicePointAssetId	DTYPE_TEXT	15	N
Severity	Severity	DTYPE_TEXT	30	N
Status	Status	DTYPE_TEXT	30	Y



Table 95. Siebel Trouble Ticket ASI Fields

Name	XML Tag	Data Type	Length	Required
Sub-Area	Sub-Area	DTYPE_TEXT	30	N
Sub-Status	Sub-Status	DTYPE_TEXT	30	N
TT Source	TTSrc	DTYPE_TEXT	30	N
Ticket Type	TicketType	DTYPE_TEXT	30	N
operation	operation	DTYPE_TEXT	30	N
searchspec	searchspec	DTYPE_TEXT	250	N
<b>Service Request_Service Elements</b>				
IsPrimaryMVG	IsPrimaryMVG	DTYPE_TEXT	1	N
Service Element Id	ServiceElementId	DTYPE_ID	30	N
operation	operation	DTYPE_TEXT	30	N
searchspec	searchspec	DTYPE_TEXT	250	N



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