



System Requirements and Supported Platforms for Oracle Billing Insight

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1 Introduction

This guide contains the definitive list of system requirements and supported platforms for Oracle Billing Insight 7.1. Unless otherwise noted herein, the requirements covered in this document apply to all platform and related end-user applications within this product release. For more information about Oracle Billing Insight, see the Release Notes on [My Oracle Support](#) and the complete product documentation on Oracle Technology Network (OTN).

What's New in This Release

This document includes an update to the "Support [J2EE Application Servers](#)" topic on page 9.

2 Platform Requirements

This chapter provides details about requirements for Oracle Billing Insight. It includes the following topics:

- Hardware Requirements
- Server Environment Requirements

Hardware Requirements

This section describes the hardware requirements for Oracle Billing Insight 7.1.

Oracle has certified acceptable performance in these environments. Performance is improved, however, by using faster processors and additional memory, particularly in environments where users run multiple applications simultaneously. Table 1 shows the hardware requirements for Oracle Billing Insight 7.1.

Table 1. Hardware Requirements for Oracle Billing Insight 7.1

Description	Requirement
Server	For Sun Solaris: <ul style="list-style-type: none">■ 64-bit on Sun SPARC■ 64-bit on Sun x86 For Linux: <ul style="list-style-type: none">■ 64-bit on Intel■ Oracle Enterprise Certified Hardware For Microsoft Windows: <ul style="list-style-type: none">■ Intel Pentium III or compatible processor
Peripheral	CD-ROM (optional)
RAM	3 Gigabytes (minimum for single server install)
Disk space	50 Gigabytes (minimum for single server install)

Server Environment Requirements

This section includes the following topics:

- Supported Server Operating Systems
- Supported J2EE Application Servers
- Supported Databases and Licensing Requirements

Supported Server Operating Systems

Table 2 shows the server operating systems supported for Oracle Billing Insight 7.1.

Table 2. Supported Server Operating Systems for Oracle Billing Insight 7.1

Supported Environment	Operating System
Oracle Solaris Operating System, Oracle WebLogic Server and Oracle Database	Oracle Solaris 11.2 (for SPARC)
Oracle Solaris Operating System, Oracle WebLogic Server and Oracle Database	Oracle Solaris 11.2 (for x86)
Linux Operating System, Oracle WebLogic Server and Oracle Database	Oracle Enterprise Linux 7.0
Microsoft Windows Operating System, Oracle WebLogic Server, and Oracle Database	Microsoft Windows Server 2012 R2

Supported J2EE Application Servers

Table 3 shows the J2EE application servers supported for Oracle Billing Insight 7.1.

Table 3. Supported J2EE Application Servers for Oracle Billing Insight 7.1

J2EE Application Server	Server Operating Systems
Oracle WebLogic Server 12.2.1 – Java 8	<ul style="list-style-type: none"> ■ Oracle Solaris 11.2 (for SPARC) ■ Oracle Solaris 11.2 (for x86) ■ Oracle Enterprise Linux 7.0 ■ Microsoft Windows Server 2012 R2

Supported Databases and Licensing Requirements

Table 4 lists the databases supported for Oracle Billing Insight 7.1.

Table 4. Supported Databases for Oracle Billing Insight 7.1

Product	Version	Connectivity Software
Oracle Database Enterprise Edition	12c Release 1 (12.1.0.2)	<ul style="list-style-type: none"> ■ Oracle 12g client software (for the application server) ■ Oracle 12g JDBC driver

Oracle Billing Insight requires that you use the Oracle Database Enterprise Edition features listed in Table 5.

Table 5. Oracle Database Enterprise Edition Features Required with Oracle Billing Insight

Oracle Enterprise Edition Option	Extra Cost?
Oracle Partitioning	Yes
Oracle OLTP Table Compression	Yes
Oracle Advanced Queue	No
Oracle JVM	No
Oracle XML	No

Table 6 lists optional features available when using Oracle Database Enterprise Edition with Oracle Billing Insight, some at no cost.

Table 6. Optional Features Available With Oracle Database Enterprise Edition

Oracle Enterprise Edition Option	Extra Cost?
Oracle Real Application Clusters (RAC)	Yes
Oracle Data Integrator v12.1.3 – Standalone Option Only	Limited use license included for use with Oracle Billing Insight. Additional licensing is extra.
Oracle Streams	Yes
Oracle Data Guard	Yes
Oracle Flashback	Yes
Oracle Data Quality	Yes
Oracle Diagnostic Pack	Yes
Oracle Tuning Pack	Yes

Oracle Enterprise Edition Option	Extra Cost?
Oracle Configuration Management	Yes

Table 7 lists additional Oracle products required by Oracle Billing Insight.

Table 7. Other Oracle Products Required with Oracle Billing Insight

Oracle Enterprise Edition Option	Extra Cost?
Oracle DVT Charting	No

Table 8 lists an optional feature for PDF processing that is available within Oracle Billing Insight.

Table 8. Optional Feature Available in Oracle Billing Insight

Optional Feature	Extra Cost?
Oracle BI Publisher Desktop v11.1.1	Yes
Oracle WebCenter Content v11.1.1	Yes

3 Supported Software and Ancillary Programs

This chapter includes the following topics:

- Supported Software
- Ancillary Programs

Product	Version	Associated Module	Distribution Method and Description
COMMERCIAL			
Siebel eStatement Manager	4.7*	eStatement Manager	Embedded. Production components.
Siebel ePayment Manager	4.7*	ePayment Manager	Embedded. Payment functionality.
Macrovision InstallAnywhere supported runtime components for standardized multiple-platform installations	6.2	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Extraction of packaged product installation components.
OPEN SOURCE			
AntiSamy-bin	1.3	Oracle Billing Insight	Embedded. Required by ESAPI-2.0-rc4.
ANTLR 2	2.7.7	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Released into Public Domain by Terence Parr.
AOP Alliance	1.0	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Released into Public Domain by AOP Alliance project.
Apache Commons Beanutils	1.8.3	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Java reflection and introspection API wrappers.
Apache Commons Codec	1.6	Oracle Billing Insight	Embedded. Implementations of common encoders and decoders.
Apache Commons Collection	3.2.1	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Java Collections Framework extensions.
Apache Commons Configuration	1.6	Oracle Billing Insight;	Embedded. Configuration interface which enables a Java

Product	Version	Associated Module	Distribution Method and Description
			application to read configuration data from a variety of sources.
Apache Commons Digester	2.1	Oracle Billing Insight; eStatement Manager; Oracle ePayment Manager	Embedded. XML-to-Java-object mapping utility.
Apache Commons FileUpload	1.3.1	Oracle Billing Insight	Embedded. High-performance, file upload capability.
Apache Commons HttpClient	4.1.2	Oracle Billing Insight	Embedded. Standards based Java implementation of HTTP.
Apache Commons IO	2.0.1	Oracle Billing Insight	Embedded. Standards-based library of utilities for IO functionality.
Apache Commons Lang	3.3.2	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Helper utilities for the java.lang API.
Apache Commons Logging	1.1.1	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Wrapper for logging API implementations.
Apache Commons Net	2.2	Oracle Billing Insight	Embedded. Client side of many basic Internet protocols.
Apache Commons OGNL	3.0.6	Oracle Billing Insight	Embedded. An Object-Graph Navigation Language
Apache Jakarta Commons Pool	1.5.5	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Generic object pooling component.
Apache Commons Validator	1.3.1	Oracle Billing Insight	Embedded. Standards based package for verifying the integrity of user input.
Apache Java Caching System	1.3	Oracle Billing Insight	Embedded. A distributed caching system written in java intended to speed up applications by providing a means to manage cached data.
Apache Jakarta ORO	2.0.8	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Text-processing Java classes.
Apache Jakarta Regexp	1.5	Oracle Billing Insight; eStatement Manager;	Embedded. Java Regular Expression package.

Product	Version	Associated Module	Distribution Method and Description
		ePayment Manager	
Apache Log4j	1.2.16	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Runtime logging.
Apache Struts 2	2.3.24.3	Oracle Billing Insight	Embedded. An open-source web application framework for developing Java EE web applications.
Apache ODF Toolkit	0.8.8	Oracle Billing Insight	Simple Java API for ODF for creating, modifying and extracting data from Open Document Format (ODF) documents.
Apache Xwork	2.3.20	Oracle Billing Insight	Embedded. Struts required.
Apache Tiles	2.3.20	Oracle Billing Insight	Embedded. A templating framework.
Apache Velocity	1.7	Oracle Billing Insight	Embedded. Templating engine and tools.
Apache Xalan-Java	2.7.1	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. XSLT processor for XML transformations.
Apache Xerces-Java	2.11.0	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. XML parser.
Apache XML-Commons External Distribution	2.11.0	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. DOM, SAX, and JAXP interfaces. Required for Apache Xalan-Java implementation.
ASM	5.0.2	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Lightweight Java Bytecode Manipulation Framework.
cglib (Code Generation Library)	2.2	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Byte Code Generation Library.
Concurrent Utilities	1.3.4	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Released into Public Domain by Doug Lea.
DOM4J	1.6.1	Oracle Billing Insight; eStatement Manager;	Embedded. XML Processing.

Product	Version	Associated Module	Distribution Method and Description
		ePayment Manager	
Ehcache	2.3.2	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. A fast and thread safe cache for Java that provides memory and disk stores and distributed operation for clusters.
ESAPI	2.1	Oracle Billing Insight	Embedded. Web application security control library.
FreeMarker	2.3.19	Oracle Billing Insight	Embedded. A generic tool to generate text output based on templates.
HttpClient	4.1.2	Oracle Billing Insight	Embedded. Standards based Java implementation of HTTP.
httpcore	4.1.2	Oracle Billing Insight	Embedded. Be used to build custom client and server side HTTP services.
httpmime	4.1.2	Oracle Billing Insight	Embedded. MIME coded HTTP entity implementations.
Javassist	3.14.0-GA	Oracle Billing Insight	Embedded. A load-time reflective system for Java.
JGroups	2.12.1.Final	Oracle Billing Insight	Embedded. A toolkit for reliable multicast communication
jQuery	1.8.3	Oracle Billing Insight	Embedded. Multi-browser JavaScript library to simplify the client-side scripting of HTML.
OSCache	2.4.1	Oracle Billing Insight	Embedded. Set of classes to perform fine grained dynamic caching of JSP content.
ODFDOM OpenDocument Java API	0.8.8	Oracle Billing Insight	Embedded. OpenDocument Format library used to generate DAISY documents.
Prize Tags JSP Tag Library	3.4.0	Oracle Billing Insight	Embedded. Collection of tag libraries for web applications.
Quartz	1.8.4	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Job Scheduling.
XML Serializer	2.7.1	Oracle Billing Insight	Embedded. Serializer to write out XML, HTML etc. as a stream of characters from an input

Product	Version	Associated Module	Distribution Method and Description
			DOM or from input SAX events.
slf4j	1.6.4	Oracle Billing Insight	Embedded. Hibernate required.
SwarmCache	1.0RC2	Oracle Billing Insight	Embedded. Distributed cache.
Spring Framework	4.2.5	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. J2EE application framework.
Spring LDAP	1.3.2	Oracle Billing Insight	Embedded. Java library for simplifying LDAP operations.
Spring Security	4.0.4	Oracle Billing Insight	Embedded. Authentication and Authorization. A powerful, flexible security framework for enterprise software, with a particular emphasis on applications that use Spring.
XML Pull Parser (XPP3)	1.1.4c	Oracle eStatement Manager; ePayment Manager	Embedded. Streaming pull XML parser.

■ License Agreements

Supported Software

Oracle Billing Insight 7.0 supports the third-party software products listed in Table 9. These products must be obtained directly from the third-party that distributes them.

Table 9. Supported Software

Product	Version	Associated Module	Function
Microsoft Internet Explorer	Edge / 11.0	Oracle Billing Insight	Browser; Certified for Windows only
Mozilla Firefox	FF43	Oracle Billing Insight	Browser; Certified for Windows only
Safari	S9	Oracle Billing Insight	Browser; Certified Iphone and Ipad only
Google Chrome	C48	Oracle Billing Insight	Browser; Certified for Windows only
PayPal Payflow Pro	4.0	ePayment Manager	Payment Gateway; Credit-card processing

Product	Version	Associated Module	Function
Chase Paymentech	6.9	Orbital Payment Gateway	Payment Processor SDK; Credit-card processing
Apache Ant	1.9.6	Oracle Billing Insight	Installation
Maven	3.3.3	Oracle Billing Insight	Installation; Library Repackaging

Ancillary Programs

The ancillary programs listed in Table 6 are provided with Oracle Billing Insight 7.1 through licensing agreements with the vendors that own them. The use of all ancillary programs is governed by the terms of the Software License and Services Agreement (SLSA) between your company and Oracle.

Instructions for installing ancillary programs (if required) are provided in the server installation guide for your platform, and in other installation information in the product documentation set.

Your licensed software may include some or all of the ancillary programs listed in Table 10.

Table 10. Ancillary Programs

Product	Version	Associated Module	Distribution Method and Description
COMMERCIAL			
Siebel eStatement Manager	4.7*	eStatement Manager	Embedded. Production components.
Siebel ePayment Manager	4.7*	ePayment Manager	Embedded. Payment functionality.
Macrovision InstallAnywhere supported runtime components for standardized multiple-platform installations	6.2	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Extraction of packaged product installation components.
OPEN SOURCE			
AntiSamy-bin	1.3	Oracle Billing Insight	Embedded. Required by ESAPI-2.0-rc4.
ANTLR 2	2.7.7	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Released into Public Domain by Terence Parr.
AOP Alliance	1.0	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Released into Public Domain by AOP Alliance project.
Apache Commons Beanutils	1.8.3	Oracle Billing Insight;	Embedded. Java reflection and

Product	Version	Associated Module	Distribution Method and Description
		eStatement Manager; ePayment Manager	introspection API wrappers.
Apache Commons Codec	1.6	Oracle Billing Insight	Embedded. Implementations of common encoders and decoders.
Apache Commons Collection	3.2.1	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Java Collections Framework extensions.
Apache Commons Configuration	1.6	Oracle Billing Insight;	Embedded. Configuration interface which enables a Java application to read configuration data from a variety of sources.
Apache Commons Digester	2.1	Oracle Billing Insight; eStatement Manager; Oracle ePayment Manager	Embedded. XML-to-Java-object mapping utility.
Apache Commons FileUpload	1.3.1	Oracle Billing Insight	Embedded. High-performance, file upload capability.
Apache Commons HttpClient	4.1.2	Oracle Billing Insight	Embedded. Standards based Java implementation of HTTP.
Apache Commons IO	2.0.1	Oracle Billing Insight	Embedded. Standards-based library of utilities for IO functionality.
Apache Commons Lang	3.3.2	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Helper utilities for the java.lang API.
Apache Commons Logging	1.1.1	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Wrapper for logging API implementations.
Apache Commons Net	2.2	Oracle Billing Insight	Embedded. Client side of many basic Internet protocols.
Apache Commons OGNL	3.0.6	Oracle Billing Insight	Embedded. An Object-Graph Navigation Language
Apache Jakarta Commons Pool	1.5.5	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Generic object pooling component.
Apache Commons Validator	1.3.1	Oracle Billing Insight	Embedded. Standards based package for verifying the integrity of user input.

Product	Version	Associated Module	Distribution Method and Description
Apache Java Caching System	1.3	Oracle Billing Insight	Embedded. A distributed caching system written in java intended to speed up applications by providing a means to manage cached data.
Apache Jakarta ORO	2.0.8	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Text-processing Java classes.
Apache Jakarta Regexp	1.5	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Java Regular Expression package.
Apache Log4j	1.2.16	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Runtime logging.
Apache Struts 2	2.3.24.3	Oracle Billing Insight	Embedded. An open-source web application framework for developing Java EE web applications.
Apache ODF Toolkit	0.8.8	Oracle Billing Insight	Simple Java API for ODF for creating, modifying and extracting data from Open Document Format (ODF) documents.
Apache Xwork	2.3.20	Oracle Billing Insight	Embedded. Struts required.
Apache Tiles	2.3.20	Oracle Billing Insight	Embedded. A templating framework.
Apache Velocity	1.7	Oracle Billing Insight	Embedded. Templating engine and tools.
Apache Xalan-Java	2.7.1	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. XSLT processor for XML transformations.
Apache Xerces-Java	2.11.0	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. XML parser.
Apache XML-Commons External Distribution	2.11.0	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. DOM, SAX, and JAXP interfaces. Required for Apache Xalan-Java implementation.
ASM	5.0.2	Oracle Billing Insight; eStatement Manager;	Embedded. Lightweight Java Bytecode Manipulation

Product	Version	Associated Module	Distribution Method and Description
		ePayment Manager	Framework.
cglib (Code Generation Library)	2.2	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Byte Code Generation Library.
Concurrent Utilities	1.3.4	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Released into Public Domain by Doug Lea.
DOM4J	1.6.1	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. XML Processing.
Ehcache	2.3.2	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. A fast and thread safe cache for Java that provides memory and disk stores and distributed operation for clusters.
ESAPI	2.1	Oracle Billing Insight	Embedded. Web application security control library.
FreeMarker	2.3.19	Oracle Billing Insight	Embedded. A generic tool to generate text output based on templates.
HttpClient	4.1.2	Oracle Billing Insight	Embedded. Standards based Java implementation of HTTP.
httpcore	4.1.2	Oracle Billing Insight	Embedded. Be used to build custom client and server side HTTP services.
httpmime	4.1.2	Oracle Billing Insight	Embedded. MIME coded HTTP entity implementations.
Javassist	3.14.0-GA	Oracle Billing Insight	Embedded. A load-time reflective system for Java.
JGroups	2.12.1.Final	Oracle Billing Insight	Embedded. A toolkit for reliable multicast communication
jQuery	1.8.3	Oracle Billing Insight	Embedded. Multi-browser JavaScript library to simplify the client-side scripting of HTML.
OSCache	2.4.1	Oracle Billing Insight	Embedded. Set of classes to perform fine grained dynamic caching of JSP content.

Product	Version	Associated Module	Distribution Method and Description
ODFDOM OpenDocument Java API	0.8.8	Oracle Billing Insight	Embedded. OpenDocument Format library used to generate DAISY documents.
Prize Tags JSP Tag Library	3.4.0	Oracle Billing Insight	Embedded. Collection of tag libraries for web applications.
Quartz	1.8.4	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. Job Scheduling.
XML Serializer	2.7.1	Oracle Billing Insight	Embedded. Serializer to write out XML, HTML etc. as a stream of characters from an input DOM or from input SAX events.
slf4j	1.6.4	Oracle Billing Insight	Embedded. Hibernate required.
SwarmCache	1.0RC2	Oracle Billing Insight	Embedded. Distributed cache.
Spring Framework	4.2.5	Oracle Billing Insight; eStatement Manager; ePayment Manager	Embedded. J2EE application framework.
Spring LDAP	1.3.2	Oracle Billing Insight	Embedded. Java library for simplifying LDAP operations.
Spring Security	4.0.4	Oracle Billing Insight	Embedded. Authentication and Authorization. A powerful, flexible security framework for enterprise software, with a particular emphasis on applications that use Spring.
XML Pull Parser (XPP3)	1.1.4c	Oracle eStatement Manager; ePayment Manager	Embedded. Streaming pull XML parser.

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