Oracle Utilities Extractors and Schema for Oracle Utilities Operational Device Management

Data Mapping Guide

Release 2.5.2.0.1

E49013-07

June 2016

ORACLE

Oracle Utilities Extractors and Schema for Oracle Utilities Operational Device Management Data Mapping Guide

E49013-07

Copyright © 2016 Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

Contents

Preface ..... **i**
Audience i
Related Documents i
Notational Conventions i

Chapter 1

Overview **1-1**
Terminologies 1-1
<Table Name> 1-1

Chapter 2

Data Maps for Oracle Utilities Operational Device Management **2-1**
Dimension Tables 2-2
Operational Device Dimension 2-2
Utility Asset Dimension 2-5
Location Dimension 2-7
Address Dimension 2-12
Asset Disposition Dimension 2-14
Asset Age Dimension 2-15
Asset Install Age Dimension 2-17
Asset Instore Age Dimension 2-19
Service History Type Dimension 2-21
Asset Inspection Status Dimension 2-22
Fact Tables 2-24
Operational Device Snapshot Fact 2-24
Operational Device Fact 2-31
Asset Location Fact 2-38
Service History Fact 2-45

Preface

This guide provides the data mapping information from the Oracle Utilities Operational Device Management source system to the Oracle Utilities Extractors and Schema target product.

Audience

The guide is intended for all implementers of Oracle Utilities Extractors and Schema for Oracle Utilities Operational Device Management.

Related Documents

For more information, see the following documents:

- *Oracle Utilities Analytics Release Notes*
- *Oracle Utilities Analytics Getting Started Guide*
- *Oracle Utilities Analytics Quick Install Guide*
- *Oracle Utilities Analytics Installation Guide*
- *Oracle Utilities Analytics Administration Guide*
- *Oracle Utilities Analytics Developer's Guide*

See Also:

- Oracle Utilities Operational Device Management Documentation Library

Conventions

The following notational conventions are used in this document:

Notation	Indicates
boldface	Graphical user interface elements associated with an action, terms defined in text, or terms defines in the glossary
italic	Book titles, emphasis, or placeholder variables for which you supply particular values
monospace	Commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter

Chapter 1

Overview

This guide provides the data mapping information from the Oracle Utilities Operational Device Management source system to the Oracle Utilities Extractors and Schema target product. The guide describes the data mapping between the source system and the target, and the rules of data transformation for Oracle Utilities Extractors and Schema for Oracle Utilities Operational Device Management.

Terminologies

The following terminologies are used for the data maps included in this document.

<Table Name>

The Table Name indicates the name of the fact or the dimension in a star schema in the data warehouse.

Properties

The Properties table lists properties of the table independent of each field. The following properties are listed in the table:

Property	Value
Target Table	Name of the table in the target schema (BI data warehouse) into which data is loaded
Table Type	Fact or dimension
SCD Type	Type 1 - Existing records are updated directly. The nature of the dimension on how it handles changes made in the source system. Type 2 - Existing records are inactivated by putting the current date as the effective end date and new records are inserted with an effective start date as today's date. The new record will have the start date as the current date and a high date.
Fact Type	Whether this is a snapshot or transactional fact table
Source System Driver Table	Name of the table in source database from which data is extracted
Stage Table	Name of the table in the staging schema (BI data warehouse) that can be used to query the data records generated from the ETL view

Property	Value
ODI Package	Name of the ODI package that needs be executed to extract data from the source application and populate a specific target table in the data warehouse
Source View	Name of the view in the data warehouse that has the logic for retrieval and transformation of the source data
Materialized View	Names of the materialized views delivered with the product for a specific fact table. These materialized views are designed to support all of the OBIEE answers delivered with the product. Refreshing these materialized views will be taken care as part of the ETL processes.

Fields

The Fields table lists the individual properties of each field in the fact or dimension table. The following fields are listed in the table:

Property	Value
Source Field	Name of the field from the source application which is used to load the target field either directly or after transformation.
Target Field	Name of the column in the fact or dimension table present in the data warehouse. This is where the extracted data will be loaded into.
OBIEE Field	Name of the field in the OBIEE Presentation folder. If blank, the field is not available by default in OBIEE.

Chapter 2

Data Maps for Oracle Utilities Operational Device Management

This section contains data maps for the following Oracle Utilities Extractors and Schema for Oracle Utilities Operational Device Management data:

- Dimension Tables
- Fact Tables

Dimension Tables

Operational Device Dimension

The Operational Device dimension extracts asset data related to operational devices from the Oracle Utilities Operational Device Management system. The appropriate firmware versions are retrieved based on the configuration set on the BI Extract Parameters in Oracle Utilities Operational Device Management.

Properties

Property	Value
Target Table	CD_OPR_DEVICE
Table Type	Dimension
SCD Type	Type 2
Source System Driver Table	W1_ASSET
Stage Table	STG_CD_OPR_DEVICE
ODI Package	B1_PKG_CD_OPR_DEVICE
ETL View	B1_D_OPR_DEVICE_VW

Fields

Target Field	OBIEE Field	Source Field
OPR_DEVICE_KEY	Operational Device Dimension Surrogate Key	
SRC_ASSET_ID	Source Asset ID	W1_ASSET.ASSET_ID
FIRMWARE1	Firmware Version 1	W1_ASSET_IDENTIFIER.W1_ID_VALUE **Note**: The identifier value is retrieved based on the firmware Identifier Type configured in the Master Configuration for BI extract parameters. The Identifier Type configured for firmware 1 slot is retrieved.
FIRMWARE2	Firmware Version 2	W1_ASSET_IDENTIFIER.W1_ID_VALUE **Note**: The identifier value is retrieved based on the firmware Identifier Type configured in the Master Configuration for BI extract parameters. The Identifier Type configured for firmware 2 slot is retrieved.

Target Field	OBIEE Field	Source Field
FIRMWARE3	Firmware Version 3	W1_ASSET_IDENTIFIER.W1_ID_VALUE **Note**: The identifier value is retrieved based on the firmware Identifier Type configured in the Master Configuration for BI extract parameters. The Identifier Type configured for firmware 3 slot is retrieved.
FIRMWARE4	Firmware Version 4	W1_ASSET_IDENTIFIER.W1_ID_VALUE **Note**: The identifier value is retrieved based on the firmware Identifier Type configured in the Master Configuration for BI extract parameters. The Identifier Type configured for firmware 4 slot is retrieved.
FIRMWARE5	Firmware Version 5	W1_ASSET_IDENTIFIER.W1_ID_VALUE **Note**: The identifier value is retrieved based on the firmware Identifier Type configured in the Master Configuration for BI extract parameters. The Identifier Type configured for firmware 5 slot is retrieved.
FIRMWARE6	Firmware Version 6	W1_ASSET_IDENTIFIER.W1_ID_VALUE **Note**: The identifier value is retrieved based on the firmware Identifier Type configured in the Master Configuration for BI extract parameters. The Identifier Type configured for firmware 6 slot is retrieved.
FIRMWARE7	Firmware Version 7	W1_ASSET_IDENTIFIER.W1_ID_VALUE **Note**: The identifier value is retrieved based on the firmware Identifier Type configured in the Master Configuration for BI extract parameters. The Identifier Type configured for firmware 7 slot is retrieved.

Target Field	OBIEE Field	Source Field
FIRMWARE8	Firmware Version 8	W1_ASSET_IDENTIFIER.W1_ID_VALUE **Note**: The identifier value is retrieved based on the firmware Identifier Type configured in the Master Configuration for BI extract parameters. The Identifier Type configured for firmware 8 slot is retrieved.
FIRMWARE9	Firmware Version 9	W1_ASSET_IDENTIFIER.W1_ID_VALUE **Note**: The identifier value is retrieved based on the firmware Identifier Type configured in the Master Configuration for BI extract parameters. The Identifier Type configured for firmware 9 slot is retrieved.
FIRMWARE10	Firmware Version 10	W1_ASSET_IDENTIFIER.W1_ID_VALUE **Note**: The identifier value is retrieved based on the firmware Identifier Type configured in the Master Configuration for BI extract parameters. The Identifier Type configured for firmware 10 slot is retrieved.
UDF1_CD	User Defined Field 1 Code	
UDF1_DESCR	User Defined Field 1 Description	
UDF2_CD	User Defined Field 2 Code	
UDF2_DESCR	User Defined Field 2 Description	
UDF3_CD	User Defined Field 3 Code	
UDF3_DESCR	User Defined Field 3 Description	
UDF4_CD	User Defined Field 4 Code	
UDF4_DESCR	User Defined Field 4 Description	
UDF5_CD	User Defined Field 5 Code	
UDF5_DESCR	User Defined Field 5 Description	
UDF6_CD	User Defined Field 6 Code	
UDF6_DESCR	User Defined Field 6 Description	
UDF7_CD	User Defined Field 7 Code	
UDF7_DESCR	User Defined Field 7 Description	

Target Field	OBIEE Field	Source Field
UDF8_CD	User Defined Field 8 Code	
UDF8_DESCR	User Defined Field 8 Description	
UDF9_CD	User Defined Field 9 Code	
UDF9_DESCR	User Defined Field 9 Description	
UDF10_CD	User Defined Field 10 Code	
UDF10_DESCR	User Defined Field 10 Description	
DATA_SOURCE_IND	Data Source Indicator	
DATA_LOAD_DTTM	Data Load Date/Time	
EFF_START_DTTM	Effective Start Date/Time	
EFF_END_DTTM	Effective End Date/Time	
JOB_NBR	Job Number	

Utility Asset Dimension

The Utility Asset dimension extracts all assets defined in the Oracle Utilities Operational Device Management system. The dimension holds all generic asset information, such as the specification details, asset type, and asset class information.

Properties

Property	Value
Target Table	CD_UTIL_ASSET
Table Type	Dimension
SCD Type	Type 2
Source System Driver Table	W1_ASSET
Stage Table	STG_CD_UTIL_ASSET
ODI Package	B1_PKG_CD_UTIL_ASSET
Source View	B1_D_UTIL_ASSET_VW

Fields

Target Field	OBIEE Field	Source Field
UTIL_ASSET_KEY	Utility Asset Dimension Surrogate Key	
SRC_UTIL_ASSET_ID	Source Utility Asset ID	W1_ASSET.ASSET_ID
UTIL_ASSET_INFO	Utility Asset Information	

Target Field	OBIEE Field	Source Field
SPEC_CD	Specification Code	W1_ASSET.SPECIFICATION_CD
SPEC_DESCR	Specification Description	W1_SPECIFICATION_L.DESCR100
MANUFACTURER_CD	Manufacturer Code	W1_SPECIFICATION.W1_MANUFACTURER_CD
MANUFACTURER_DESCR	Manufacturer Description	W1_MANUFACTURER_L.DESCR100
MODEL	Model	W1_SPECIFICATION_IDENTIFIER.W1_ID_VALUE **Note**: The identifier value is retrieved where the identifier type is "Model".
UTIL_ASSET_TYPE_CD	Utility Asset Type Code	W1_ASSET.ASSET_TYPE_CD
UTIL_ASSET_TYPE_DESCR	Utility Asset Type Description	W1_ASSET_TYPE_L.DESCR100
UTIL_ASSET_CLASS_CD	Utility Asset Class Code	W1_ASSET_TYPE.ASSET_CLASS_FLG
UTIL_ASSET_CLASS_DESCR	Utility Asset Class Description	CI_LOOKUP_VAL_L.DESCR_OVRD / CI_LOOKUP_VAL_L.DESCR **Note**: If the override description is not available, the regular description is extracted.
UTIL_ASSET_CAT_CD	Utility Asset Category Code	W1_ASSET_TYPE.ASSET_CAT_FLG
UTIL_ASSET_CAT_DESCR	Utility Asset Category Description	CI_LOOKUP_VAL_L.DESCR_OVRD / CI_LOOKUP_VAL_L.DESCR **Note**: If the override description is not available, the regular description is extracted.
UDF1_CD	User Defined Field 1 Code	
UDF1_DESCR	User Defined Field 1 Description	
UDF2_CD	User Defined Field 2 Code	
UDF2_DESCR	User Defined Field 2 Description	
UDF3_CD	User Defined Field 3 Code	
UDF3_DESCR	User Defined Field 3 Description	
UDF4_CD	User Defined Field 4 Code	

Target Field	OBIEE Field	Source Field
UDF4_DESCR	User Defined Field 4 Description	
UDF5_CD	User Defined Field 5 Code	
UDF5_DESCR	User Defined Field 5 Description	
UDF6_CD	User Defined Field 6 Code	
UDF6_DESCR	User Defined Field 6 Description	
UDF7_CD	User Defined Field 7 Code	
UDF7_DESCR	User Defined Field 7 Description	
UDF8_CD	User Defined Field 8 Code	
UDF8_DESCR	User Defined Field 8 Description	
UDF9_CD	User Defined Field 9 Code	
UDF9_DESCR	User Defined Field 9 Description	
UDF10_CD	User Defined Field 10 Code	
UDF10_DESCR	User Defined Field 10 Description	
DATA_SOURCE_IND	Data Source Indicator	CI_INSTALLATION.ENV_ID
DATA_LOAD_DTTM	Data Load Date/Time	
EFF_START_DTTM	Effective Start Date/Time	
EFF_END_DTTM	Effective End Date/Time	
JOB_NBR	Job Number	

Location Dimension

The Location dimension extracts data from Location entity in the Oracle Utilities Operational Device Management system. The location hierarchy is extracted up to five levels. Only those asset locations on which assets have been installed will be extracted.

Properties

Property	Value
Target Table Name	CD_LOCATION
Table Type	Dimension
SCD Type	Type 1
Driver Table Name	W1_ASSET_NODE
Stage Table Name	STG_CD_LOCATION
ODI Package Name	B1_PKG_CD_LOCATION
ETL View Name	B1_D_LOCATION_VW

Fields

Target Field	OBIEE Field	Source Field
LOCATION_KEY	Location Dimension Surrogate Key	
SRC_LOCATION_ID	Source Location ID	W1_NODE.NODE_ID
LOCATION_INFO	Location Information	For asset location: W1_NODE_TYPE_L.DESCR100 || ', ' || W1_NODE.DESCR100 || ', ' ||W1_NODE.ADDRESS1|| ', ' || W1_NODE.CITY || ', ' || W1_NODE.STATE || ', ' || W1_NODE.POSTAL For storage location: W1_NODE_TYPE_L.DESCR100 || ', ' || W1_NODE.ADDRESS1 || ', ' || W1_NODE.CITY
LOCATION_TYPE_CD	Location Type Code	W1_NODE.NODE_TYPE_CD
LOCATION_TYPE_DESCR	Location Type Description	W1_NODE_TYPE_L.DESCR100
LOCATION_CLASS_CD	Location Class Code	W1_NODE.LOCATION_CLASS_FLG
LOCATION_CLASS_DESCR	Location Class Description	CI_LOOKUP_VAL_L.DESCR_OVRD / CI_LOOKUP_VAL_L.DESCR **Note**: If the override description is not available, the regular description is extracted.
LOCATION_TYPE_CLASS_CD	Location Type Class Code	W1_NODE_TYPE.NODE_CLASS_FLG
LOCATION_TYPE_CLASS_DESCR	Location Type Class Description	CI_LOOKUP_VAL_L.DESCR_OVRD / CI_LOOKUP_VAL_L.DESCR **Note**: If the override description is not available, the regular description is extracted.

Target Field	OBIEE Field	Source Field
LOCATION_CATEGORY	Location Category	**Note**: Populated with A for Asset Location Populated with S for Storage Location Populated with O for Organization
PARENT_LOCATION_LVL1_CD	Parent Location Level 1 Code	W1_NODE.NODE_ID
PARENT_LOCATION_LVL1_DESCR	Parent Location Level 1 Description	For asset location: W1_NODE_TYPE_L.DESCR100 || ',' || W1_NODE.DESCR100 || ',' ||W1_NODE.ADDRESS1|| ',' || W1_NODE.CITY || ',' || W1_NODE.STATE || ',' || W1_NODE.POSTAL For storage location: W1_NODE_TYPE_L.DESCR100 || ',' || W1_NODE.ADDRESS1 || ',' || W1_NODE.CITY For organization location: W1_NODE_TYPE_L.DESCR100 || ',' || W1_NODE.DESCR100
PARENT_LOCATION_LVL2_CD	Parent Location Level 2 Code	W1_NODE.NODE_ID
PARENT_LOCATION_LVL2_DESCR	Parent Location Level 2 Description	For asset location: W1_NODE_TYPE_L.DESCR100 || ',' || W1_NODE.DESCR100 || ',' ||W1_NODE.ADDRESS1|| ',' || W1_NODE.CITY || ',' || W1_NODE.STATE || ',' || W1_NODE.POSTAL For storage location: W1_NODE_TYPE_L.DESCR100 || ',' || W1_NODE.ADDRESS1 || ',' || W1_NODE.CITY For organization location: W1_NODE_TYPE_L.DESCR100 || ',' || W1_NODE.DESCR100

Target Field	OBIEE Field	Source Field
PARENT_LOCATION_LVL3_CD	Parent Location Level 3 Code	W1_NODE.NODE_ID
PARENT_LOCATION_LVL3_DESCR	Parent Location Level 3 Description	For asset location: W1_NODE_TYPE_L.DESCR100 || ',' || W1_NODE.DESCR100 || ',' ||W1_NODE.ADDRESS1|| ',' || W1_NODE.CITY || ',' || W1_NODE.STATE || ',' || W1_NODE.POSTAL For storage location: W1_NODE_TYPE_L.DESCR100 || ',' || W1_NODE.ADDRESS1 || ',' || W1_NODE.CITY For organization location: W1_NODE_TYPE_L.DESCR100 || ',' || W1_NODE.DESCR100
PARENT_LOCATION_LVL4_CD	Parent Location Level 4 Code	W1_NODE.NODE_ID
PARENT_LOCATION_LVL4_DESCR	Parent Location Level 4 Description	For asset location: W1_NODE_TYPE_L.DESCR100 || ',' || W1_NODE.DESCR100 || ',' ||W1_NODE.ADDRESS1|| ',' || W1_NODE.CITY || ',' || W1_NODE.STATE || ',' || W1_NODE.POSTAL For storage location: W1_NODE_TYPE_L.DESCR100 || ',' || W1_NODE.ADDRESS1 || ',' || W1_NODE.CITY For organization location: W1_NODE_TYPE_L.DESCR100 || ',' || W1_NODE.DESCR100
PARENT_LOCATION_LVL5_CD	Parent Location Level 5 Code	W1_NODE.NODE_ID

Target Field	OBIEE Field	Source Field
PARENT_LOCATION_LVL5_DESCR	Parent Location Level 5 Description	For asset location: W1_NODE_TYPE_L.DESCR100 || ', ' || W1_NODE.DESCR100 || ', ' ||W1_NODE.ADDRESS1|| ', ' || W1_NODE.CITY || ', ' || W1_NODE.STATE || ', ' || W1_NODE.POSTAL For storage location: W1_NODE_TYPE_L.DESCR100 || ', ' || W1_NODE.ADDRESS1 || ', ' || W1_NODE.CITY For organization location: W1_NODE_TYPE_L.DESCR100 || ', ' || W1_NODE.DESCR100
UDF1_CD	User Defined Field 1 Code	
UDF1_DESCR	User Defined Field 1 Description	
UDF2_CD	User Defined Field 2 Code	
UDF2_DESCR	User Defined Field 2 Description	
UDF3_CD	User Defined Field 3 Code	
UDF3_DESCR	User Defined Field 3 Description	
UDF4_CD	User Defined Field 4 Code	
UDF4_DESCR	User Defined Field 4 Description	
UDF5_CD	User Defined Field 5 Code	
UDF5_DESCR	User Defined Field 5 Description	
UDF6_CD	User Defined Field 6 Code	
UDF6_DESCR	User Defined Field 6 Description	
UDF7_CD	User Defined Field 7 Code	
UDF7_DESCR	User Defined Field 7 Description	
UDF8_CD	User Defined Field 8 Code	
UDF8_DESCR	User Defined Field 8 Description	
UDF9_CD	User Defined Field 9 Code	
UDF9_DESCR	User Defined Field 9 Description	
UDF10_CD	User Defined Field 10 Code	
UDF10_DESCR	User Defined Field 10 Description	

Target Field	OBIEE Field	Source Field
DATA_SOURCE_IND	Data Source Indicator	CI_INSTALLATION.ENV_ID
DATA_LOAD_DTTM	Data Load Date/Time	
UPDATE_DTTM	Update Date/Time	
JOB_NBR	Job Number	

Address Dimension

The Address dimension extracts data from the Location/Node entity in the Oracle Utilities Operational Device Management system. The address constituents from the location are retrieved and stored in the target dimension.

Properties

Property	Value
Target Table Name	CD_ADDR
Table Type	Dimension
SCD Type	Type 2
Driver Table Name	W1_NODE
Stage Table Name	STG_CD_ADDR
ODI Package Name	B1_PKG_CD_ADDR
ETL View Name	B1_D_ADDR_VW

Fields

Target Field	OBIEE Field	Source Field
ADDR_KEY	Address Dimension Surrogate Key	
SRC_ADDR_ID	Address ID	W1_NODE.NODE_ID
ADDR_INFO	Address	For Address location: W1_NODE.ADDRESS1 || ',' || W1_NODE.CITY || ',' || W1_NODE.STATE || ',' || W1_NODE.POSTAL || ',' || W1_NODE.COUNTRY
ADDR_LINE1	Address Line 1	W1_NODE.ADDRESS1
ADDR_LINE2	Address Line 2	W1_NODE.ADDRESS2
ADDR_LINE3	Address Line 3	W1_NODE.ADDRESS3
ADDR_LINE4	Address Line 4	W1_NODE.ADDRESS4
CITY	City	W1_NODE.CITY

Target Field	OBIEE Field	Source Field
COUNTY	County	W1_NODE.COUNTY
POSTAL	Postal Code	W1_NODE.POSTAL
STATE_CD	State Code	W1_NODE.STATE
STATE_DESCR	State	CI_STATE_L.DESCR
COUNTRY_CD	Country Code	W1_NODE.COUNTRY
COUNTRY_DESCR	Country	CI_COUNTRY_L.DESCR
GEO_CODE	Geographical Code	W1_NODE.GEO_CODE
CROSS_STREET	Cross Street	W1_NODE.W1_CROSS_STREET
SUBURB	Suburb	W1_NODE.W1_SUBURB
UDF1_CD	User Defined Field 1 Code	
UDF1_DESCR	User Defined Field 1 Description	
UDF2_CD	User Defined Field 2 Code	
UDF2_DESCR	User Defined Field 2 Description	
UDF3_CD	User Defined Field 3 Code	
UDF3_DESCR	User Defined Field 3 Description	
UDF4_CD	User Defined Field 4 Code	
UDF4_DESCR	User Defined Field 4 Description	
UDF5_CD	User Defined Field 5 Code	
UDF5_DESCR	User Defined Field 5 Description	
UDF6_CD	User Defined Field 6 Code	
UDF6_DESCR	User Defined Field 6 Description	
UDF7_CD	User Defined Field 7 Code	
UDF7_DESCR	User Defined Field 7 Description	
UDF8_CD	User Defined Field 8 Code	
UDF8_DESCR	User Defined Field 8 Description	
UDF9_CD	User Defined Field 9 Code	
UDF9_DESCR	User Defined Field 9 Description	
UDF10_CD	User Defined Field 10 Code	
UDF10_DESCR	User Defined Field 10 Description	
DATA_SOURCE_IND	Data Source Indicator	CI_INSTALLATION.ENV_ID
DATA_LOAD_DTTM	Data Load Date/Time	
EFF_START_DTTM	Effective Start Date/Time	

Target Field	OBIEE Field	Source Field
EFF_END_DTTM	Effective End Date/Time	
JOB_NBR	Job Number	

Asset Disposition Dimension

The Asset Disposition dimension stores all possible dispositions that an asset entity can be in.

Properties

Property	Value
Target Table Name	CD_ASSET_DISP
Table Type	Dimension
SCD Type	Type 1
Driver Table Name	F1_EXT_LOOKUP_VAL_L
Stage Table Name	STG_CD_ASSET_DISP
ODI Package Name	B1_PKG_CD_ASSET_DISP
ETL View Name	B1_D_ASSET_DISP_VW

Fields

Target Field	OBIEE Field	Source Field
ASSET_DISP_KEY	Asset Disposition Dimension Surrogate Key	
ASSET_DISP_CD	Asset Disposition Code	F1_EXT_LOOKUP_VAL_L.F1_EXT_LOOKUP_VALUE
ASSET_DISP_DESCR	Asset Disposition Description	F1_EXT_LOOKUP_VAL_L.DESCR_OVRD / F1_EXT_LOOKUP_VAL_L.DESCR **Note**: If the override description is not available, the regular description is extracted.
UDF1_CD	User Defined Field 1 Code	
UDF1_DESCR	User Defined Field 1 Description	
UDF2_CD	User Defined Field 2 Code	
UDF2_DESCR	User Defined Field 2 Description	
UDF3_CD	User Defined Field 3 Code	
UDF3_DESCR	User Defined Field 3 Description	

Target Field	OBIEE Field	Source Field
UDF4_CD	User Defined Field 4 Code	
UDF4_DESCR	User Defined Field 4 Description	
UDF5_CD	User Defined Field 5 Code	
UDF5_DESCR	User Defined Field 5 Description	
UDF6_CD	User Defined Field 6 Code	
UDF6_DESCR	User Defined Field 6 Description	
UDF7_CD	User Defined Field 7 Code	
UDF7_DESCR	User Defined Field 7 Description	
UDF8_CD	User Defined Field 8 Code	
UDF8_DESCR	User Defined Field 8 Description	
UDF9_CD	User Defined Field 9 Code	
UDF9_DESCR	User Defined Field 9 Description	
UDF10_CD	User Defined Field 10 Code	
UDF10_DESCR	User Defined Field 10 Description	
DATA_SOURCE_IND	Data Source Indicator	CI_INSTALLATION.ENV_ID
DATA_LOAD_DTTM	Data Load Date/Time	
UPDATE_DTTM	Update Date/Time	
JOB_NBR	Job Number	

Asset Age Dimension

The Asset Age dimension extracts the age buckets for an asset as configured in the source Oracle Utilities Operational Device Management system.

Properties

Property	Value
Target Table Name	CD_ASSET_AGE
Table Type	Dimension
SCD Type	Type 1
Driver Table Name	W1_BKT_CONFIG_VAL
Stage Table Name	STG_CD_ASSET_AGE
ODI Package Name	B1_PKG_CD_ASSET_AGE
ETL View Name	B1_D_ASSET_AGE_VW

Fields

Target Field	OBIEE Field	Source Field
ASSET_AGE_KEY	Asset Age Dimension Surrogate Key	
ASSET_TYPE_CD	Asset Type Code	W1_BKT_CONFIG_REL_OBJ.PK_VALUE1 **Note**: For default buckets this column will be populated with "NA".
ASSET_AGE_ST_RANGE	Age Start Range	W1_BKT_CONFIG_VAL.START_RANGE
ASSET_AGE_ED_RANGE	Age End Range	W1_BKT_CONFIG_VAL.END_RANGE
ASSET_AGE_DESCR	Asset Age Description	W1_BKT_CONFIG_VAL_L.DESCR
UDF1_CD	User Defined Field 1 Code	
UDF1_DESCR	User Defined Field 1 Description	
UDF2_CD	User Defined Field 2 Code	
UDF2_DESCR	User Defined Field 2 Description	
UDF3_CD	User Defined Field 3 Code	
UDF3_DESCR	User Defined Field 3 Description	
UDF4_CD	User Defined Field 4 Code	
UDF4_DESCR	User Defined Field 4 Description	
UDF5_CD	User Defined Field 5 Code	
UDF5_DESCR	User Defined Field 5 Description	
UDF6_CD	User Defined Field 6 Code	
UDF6_DESCR	User Defined Field 6 Description	
UDF7_CD	User Defined Field 7 Code	
UDF7_DESCR	User Defined Field 7 Description	
UDF8_CD	User Defined Field 8 Code	
UDF8_DESCR	User Defined Field 8 Description	
UDF9_CD	User Defined Field 9 Code	
UDF9_DESCR	User Defined Field 9 Description	
UDF10_CD	User Defined Field 10 Code	
UDF10_DESCR	User Defined Field 10 Description	
DATA_SOURCE_IND	Data Source Indicator	CI_INSTALLATION.ENV_ID

Target Field	OBIEE Field	Source Field
DATA_LOAD_DTTM	Data Load Date/Time	
UPDATE_DTTM	Update Date/Time	
JOB_NBR	Job Number	

Note: The bucket dimension ELT job is configured to be initial load only. Any incremental changes to these buckets after the initial run will not be captured in BI. However, if there arises a need to reconfigure the buckets, then data should be truncated in the BI star schema tables and reloaded to reflect the changes. The bucket dimensions, along with the associated facts (Operational Device Snapshot and Accumulation), should be truncated and reloaded.

For details about reloading the data, see the **Data Reload** section in *Oracle Utilities Analytics Administration Guide.*

Asset Install Age Dimension

The Asset Install Age dimension extracts the age buckets for an asset's installed age as configured in the source Oracle Utilities Operational Device Management system.

Properties

Property	Value
Target Table Name	CD_ASSET_INSTALL_AGE
Table Type	Dimension
SCD Type	Type 1
Driver Table Name	W1_BKT_CONFIG_VAL
Stage Table Name	STG_CD_ASSET_INSTALL_AGE
ODI Package Name	B1_PKG_CD_ASSET_INSTALL_AGE
ETL View Name	B1_D_ASSET_INSTALL_AGE_VW

Fields

Target Field	OBIEE Field	Source Field
ASSET_INSTALL_AGE_KEY	Asset Install Age Dimension Surrogate Key	
ASSET_TYPE_CD	Asset Type Code	W1_BKT_CONFIG_REL_OBJ.PK_VALUE1 **Note**: For default buckets this column will be populated with "NA".
ASSET_INSTALL_AGE_ST_RANGE	Asset Install Age Start Range	W1_BKT_CONFIG_VAL.START_RANGE

Target Field	OBIEE Field	Source Field
ASSET_INSTALL_AGE_ED_RANGE	Asset Install Age End Range	W1_BKT_CONFIG_VAL.END_RANGE
ASSET_INSTALL_AGE_DESCR	Asset Install Age Description	W1_BKT_CONFIG_VAL_L.DESCR
UDF1_CD	User Defined Field 1 Code	
UDF1_DESCR	User Defined Field 1 Description	
UDF2_CD	User Defined Field 2 Code	
UDF2_DESCR	User Defined Field 2 Description	
UDF3_CD	User Defined Field 3 Code	
UDF3_DESCR	User Defined Field 3 Description	
UDF4_CD	User Defined Field 4 Code	
UDF4_DESCR	User Defined Field 4 Description	
UDF5_CD	User Defined Field 5 Code	
UDF5_DESCR	User Defined Field 5 Description	
UDF6_CD	User Defined Field 6 Code	
UDF6_DESCR	User Defined Field 6 Description	
UDF7_CD	User Defined Field 7 Code	
UDF7_DESCR	User Defined Field 7 Description	
UDF8_CD	User Defined Field 8 Code	
UDF8_DESCR	User Defined Field 8 Description	
UDF9_CD	User Defined Field 9 Code	
UDF9_DESCR	User Defined Field 9 Description	
UDF10_CD	User Defined Field 10 Code	
UDF10_DESCR	User Defined Field 10 Description	
DATA_SOURCE_IND	Data Source Indicator	CI_INSTALLATION.ENV_ID
DATA_LOAD_DTTM	Data Load Date/Time	
UPDATE_DTTM	Update Date/Time	
JOB_NBR	Job Number	

Note: The bucket dimension ELT job is configured to be initial load only. Any incremental changes to these buckets after the initial run will not be captured in BI. However, if there arises a need to reconfigure the buckets, then data should be truncated in the BI star schema tables and reloaded to reflect the changes. The bucket dimensions, along with the associated facts (Operational Device Snapshot and Accumulation), should be truncated and reloaded.

For details about reloading the data, see the **Data Reload** section in *Oracle Utilities Analytics Administration Guide*.

Asset Instore Age Dimension

The Asset Inventory Age dimension is populated with the age ranges for the days since the asset was put in storage.

Properties

Property	Value
Target Table Name	CD_ASSET_INSTORE_AGE
Table Type	Dimension
SCD Type	Type 1
Driver Table Name	W1_BKT_CONFIG_VAL
Stage Table Name	STG_CD_ASSET_INSTORE_AGE
ODI Package Name	B1_PKG_CD_ASSET_INSTORE_AGE
ETL View Name	B1_D_ASSET_INSTORE_AGE_VW

Fields

Target Field	OBIEE Field	Source Field
ASSET_INSTORE_AGE_KEY	Asset Instore Age Dimension Surrogate Key	
ASSET_TYPE_CD	Asset Type Code	W1_BKT_CONFIG_REL_OBJ.PK_VALUE1 **Note**: For default buckets this column will be populated with "NA".
ASSET_INSTORE_AGE_ST_RANGE	Asset Instore Age Start Range	W1_BKT_CONFIG_VAL.START_RANGE
ASSET_INSTORE_AGE_ED_RANGE	Asset Instore Age End Range	W1_BKT_CONFIG_VAL.END_RANGE
ASSET_INSTORE_AGE_DESCR	Asset Instore Age Description	W1_BKT_CONFIG_VAL_L.DESCR
UDF1_CD	User Defined Field 1 Code	
UDF1_DESCR	User Defined Field 1 Description	
UDF2_CD	User Defined Field 2 Code	
UDF2_DESCR	User Defined Field 2 Description	
UDF3_CD	User Defined Field 3 Code	
UDF3_DESCR	User Defined Field 3 Description	

Target Field	OBIEE Field	Source Field
UDF4_CD	User Defined Field 4 Code	
UDF4_DESCR	User Defined Field 4 Description	
UDF5_CD	User Defined Field 5 Code	
UDF5_DESCR	User Defined Field 5 Description	
UDF6_CD	User Defined Field 6 Code	
UDF6_DESCR	User Defined Field 6 Description	
UDF7_CD	User Defined Field 7 Code	
UDF7_DESCR	User Defined Field 7 Description	
UDF8_CD	User Defined Field 8 Code	
UDF8_DESCR	User Defined Field 8 Description	
UDF9_CD	User Defined Field 9 Code	
UDF9_DESCR	User Defined Field 9 Description	
UDF10_CD	User Defined Field 10 Code	
UDF10_DESCR	User Defined Field 10 Description	
DATA_SOURCE_IND	Data Source Indicator	CI_INSTALLATION.ENV_ID
DATA_LOAD_DTTM	Data Load Date/Time	
UPDATE_DTTM	Update Date/Time	
JOB_NBR	Job Number	

Note: The bucket dimension ELT job is configured to be initial load only. Any incremental changes to these buckets after the initial run will not be captured in BI. However, if there arises a need to reconfigure the buckets, then data should be truncated in the BI star schema tables and reloaded to reflect the changes. The bucket dimensions, along with the associated facts (Operational Device Snapshot and Accumulation), should be truncated and reloaded.

For details about reloading the data, see the **Data Reload** section in *Oracle Utilities Analytics Administration Guide*.

Service History Type Dimension

The Service History Type dimension extracts the service history type and its category details from the Oracle Utilities Operational Device Management system.

Properties

Property	Value
Target Table Name	CD_SERVICE_HIST_TYPE
Table Type	Dimension
SCD Type	Type 1

Driver Table Name	W1_SVC_HIST_TYPE
Stage Table Name	STG_CD_SERVICE_HIST_TYPE
ODI Package Name	B1_PKG_CD_SERVICE_HIST_TYPE
ETL View Name	B1_D_SERVICE_HIST_TYPE_VW

Fields

Target Field	OBIEE Field	Source Field
SERVICE_HIST_TYPE_KEY	Service History Type Dimension Surrogate Key	
SERVICE_HIST_TYPE_CD	Service History Type Code	W1_SVC_HIST_TYPE.SVC_HIST_TYPE_CD
SERVICE_HIST_TYPE_DESCR	Service History Type Description	W1_SVC_HIST_TYPE_L.DESCR100
SERVICE_HIST_CAT_CD	Service History Category Code	W1_SVC_HIST_TYPE.SVC_HIST_CATEGORY_FLG
SERVICE_HIST_CAT_DESCR	Service History Category Description	CI_LOOKUP_VAL_L.DESCR_OVRD / CI_LOOKUP_VAL_L.DESCR **Note**: If the override description is not available, the regular description is extracted.
UDF1_CD	User Defined Field 1 Code	
UDF1_DESCR	User Defined Field 1 Description	
UDF2_CD	User Defined Field 2 Code	
UDF2_DESCR	User Defined Field 2 Description	
UDF3_CD	User Defined Field 3 Code	
UDF3_DESCR	User Defined Field 3 Description	
UDF4_CD	User Defined Field 4 Code	
UDF4_DESCR	User Defined Field 4 Description	
UDF5_CD	User Defined Field 5 Code	
UDF5_DESCR	User Defined Field 5 Description	
UDF6_CD	User Defined Field 6 Code	
UDF6_DESCR	User Defined Field 6 Description	
UDF7_CD	User Defined Field 7 Code	
UDF7_DESCR	User Defined Field 7 Description	
UDF8_CD	User Defined Field 8 Code	

Target Field	OBIEE Field	Source Field
UDF8_DESCR	User Defined Field 8 Description	
UDF9_CD	User Defined Field 9 Code	
UDF9_DESCR	User Defined Field 9 Description	
UDF10_CD	User Defined Field 10 Code	
UDF10_DESCR	User Defined Field 10 Description	
DATA_SOURCE_IND	Data Source Indicator	CI_INSTALLATION.ENV_ID
DATA_LOAD_DTTM	Data Load Date/Time	
UPDATE_DTTM	Update Date/Time	
JOB_NBR	Job Number	

Asset Inspection Status Dimension

The Asset Inspection Status dimension is populated with all the possible outcomes for asset inspections. For example: whether it passed, failed, etc.

Properties

Property	Value
Target Table Name	CD_ASSET_INSP_STATUS
Table Type	Dimension
SCD Type	Type 1
Driver Table Name	CI_LOOKUP_VAL_L
Stage Table Name	STG_CD_ASSET_INSP_STATUS
ODI Package Name	B1_PKG_CD_ASSET_INSP_STATUS
ETL View Name	B1_D_ASSET_INSP_STATUS_VW

Fields

Target Field	OBIEE Field	Source Field
ASSET_INSP_STATUS_KEY	Asset Inspection Status Dimension Surrogate Key	
ASSET_INSP_STATUS_CD	Asset Inspection Status Code	CI_LOOKUP_VAL_L.FIELD_VALUE

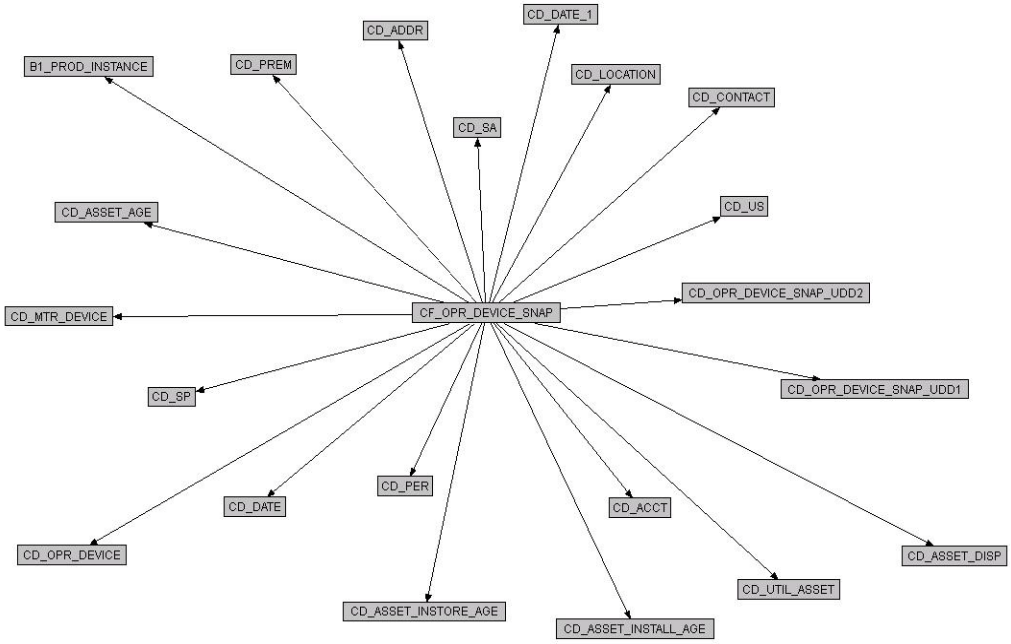
Target Field	OBIEE Field	Source Field
ASSET_INSP_STATUS_DESCR	Asset Inspection Status Description	CI_LOOKUP_VAL_L.DESCR / CI_LOOKUP_VAL_L.DESCR_OVRD **Note**: If the override description is not available, the regular description is extracted.
DATA_SOURCE_IND	Data Source Indicator	CI_INSTALLATION.ENV_ID
DATA_LOAD_DTTM	Data Load Date/Time	
UPDATE_DTTM	Update Date/Time	
JOB_NBR	Job Number	

Fact Tables

Operational Device Snapshot Fact

The Operational Device Snapshot fact provides a snapshot of operational devices (assets) in the Oracle Utilities Operational Device Management system. The fact calculates the ages for an asset, along with its failure and warranty status. The identification of operational devices will be based on the list of business objects (BOs) configured in the Master Configuration for BI extract parameters.

Entity Relationship Diagram



Properties

Property	Value
Target Table Name	CF_OPR_DEVICE_SNAP
Table Type	Fact
Fact Type	Snapshot
Driver Table	W1_ASSET
Stage Table Name	STG_CF_OPR_DEVICE_SNAP
ODI Package Name	B1_PKG_CF_OPR_DEVICE_SNAP
ETL View Name	B1_F_OPR_DEVICE_SNAP_VW
Materialized View Name	B1_OPR_DEVICE_SNAP_MON_MV1 B1_OPR_DEVICE_SNP_MON_TOPX_MV1

Fields

Target Field	OBIEE Field	Source Field	Transformation / Calculation Logic
OPR_DEVICE_SNAP_KEY	Operational Device Snapshot Fact Key		
SRC_ASSET_ID	Source Asset ID	W1_ASSET.ASSET_ID	
AGE	Age in Days	W1_ASSET_NODE.EFF_DTTM	**Transformation Logic**: This field is calculated as the difference, in days, between the effective date of the first asset disposition and the end date of the current snapshot. The value is stored in days.
INSTALL_AGE	Install Age in Days	W1_ASSET_NODE.ASSET_DPOS_FLG W1_ASSET_NODE.EFF_DTTM W1_ASSET_NODE.ATTCH_TO_ASSET_ID	**Transformation Logic**: This field is populated only if the asset is currently installed. It is calculated as the difference between the effective date of the installed disposition and the end date of the current snapshot. The value is stored in days.
INSTORE_AGE	Instore Age in Days	W1_ASSET_NODE.ASSET_DPOS_FLG W1_ASSET_NODE.EFF_DTTM W1_ASSET_NODE.ATTCH_TO_ASSET_ID	**Transformation Logic**: This field is populated only if the asset is currently in storage. It is calculated as the difference, in days, between the effective date of the in-store disposition and the end date of the current snapshot. The value is stored in days.
FAILED_ONCE_IND	Failed Once Indicator	F1_MST_CONFIG.MST_CONFIG_DATA W1_ASSET_NODE.FAILURE_FLG W1_ASSET_NODE.EFF_DTTM	**Transformation Logic**: This indicator is set if the asset has failed at least once during the snapshot period. The asset failure condition to be considered will have to be defined in 'Extract Parameters' in the BI Configuration Portal available in the ODM system.

Target Field	OBIEE Field	Source Field	Transformation / Calculation Logic
WNTY_EXP_IND	Warranty Expired Indicator		**Transformation Logic**: This indicator is set if the warranty date is earlier than or same as the end date of the snapshot period.
ASSET_DISP_START_KEY	Asset Disposition Start Dimension Surrogate Key	W1_ASSET_NODE.ASSET_DPOS_FLG W1_ASSET_NODE.EFF_DTTM W1_ASSET_NODE.ATTCH_TO_ASSET_ID	**Transformation Logic**: This field is populated based on the asset disposition that is effective at the start of the snapshot period. If it is a component and its current disposition is "Attached", its disposition will follow the disposition of the asset it is currently attached to.
ASSET_DISP_END_KEY	Asset Disposition End Dimension Surrogate Key	W1_ASSET_NODE.ASSET_DPOS_FLG W1_ASSET_NODE.EFF_DTTM W1_ASSET_NODE.ATTCH_TO_ASSET_ID	**Transformation Logic:** This field is populated based on the asset disposition that will be effective at the end of the snapshot period. If it is a component and its current disposition is "Attached", its disposition will follow the disposition of the asset it is currently attached to.
OPR_DEVICE_KEY	Operational Device Dimension Surrogate Key	W1_ASSET.ASSET_ID	
UTIL_ASSET_KEY	Utility Dimension Surrogate Key	W1_ASSET.ASSET_ID	
ATTACHED_TO_ASSET_KEY	Utility Asset Dimension Surrogate Key	W1_ASSET_NODE.ATTCH_TO_ASSET_ID	
LOCATION_KEY	Location Dimension Surrogate Key	W1_ASSET_NODE.NODE_ID W1_ASSET_NODE.EFF_DTTM W1_ASSET_NODE.ATTCH_TO_ASSET_ID	**Transformation Logic**: This field is populated based on the location where the asset is at the end of the snapshot period. If it is a component and its current disposition is "Attached", its location will be the location of the asset where it is attached.

Target Field	OBIEE Field	Source Field	Transformation / Calculation Logic
ADDR_KEY	Address Dimension Surrogate Key	W1_ASSET_NODE.NODE_ID	**Transformation Logic**: The source for this column will be the asset's location.
ASSET_AGE_KEY	Asset Age Dimension Surrogate Key	W1_ASSET.ASSET_TYPE_CD	**Transformation Logic**: This field is populated with the appropriate dimension key based on the matching age bucket record for asset's age.
ASSET_INSTALL_AGE_KEY	Asset Install Age Dimension Surrogate Key	W1_ASSET.ASSET_TYPE_CD	**Transformation Logic**: This field is populated with the appropriate dimension key based on the matching age bucket record for asset's install age.
ASSET_INSTORE_AGE_KEY	Asset Instore Age Dimension Surrogate Key	W1_ASSET.ASSET_TYPE_CD	**Transformation Logic**: This field is populated with the appropriate dimension key based on the matching age bucket record for asset's in-storage age.
SP_KEY	Service Point Dimension Surrogate Key	W1_NODE_IDENTIFIER.W1_ID_VALUE	**Transformation Logic**: It is populated by deriving the MDM usage subscription that is linked to the MDM SP natural key stored in the ODM system.
MTR_DEVICE_KEY	Device Dimension Surrogate Key		**Transformation Logic:** This field is populated only if the ODM-MDM integration exists for the Service Point entity.
US_KEY	Usage Subscription Dimension Surrogate Key		**Transformation Logic**: This field is populated only if the ODM-MDM integration exists for the Service Point entity.
CONTACT_KEY	Contact Dimension Surrogate Key		**Transformation Logic**: This field is populated only if the ODM-MDM integration exists for the Service Point entity.

Target Field	OBIEE Field	Source Field	Transformation / Calculation Logic
PER_KEY	Person Dimension Surrogate Key		**Transformation Logic**: This field is populated only if the ODM-MDM integration exists for the Service Point entity.
ACCT_KEY	Account Dimension Surrogate Key		**Transformation Logic**: This field is populated only if the ODM-MDM integration exists for the Service Point entity.
SA_KEY	Service Agreement Dimension Surrogate Key		**Transformation Logic**: This field is populated only if the ODM-MDM integration exists for the Service Point entity.
PREM_KEY	Premise Dimension Surrogate Key		**Transformation Logic**: This field is populated only if the ODM-MDM integration exists for the Service Point entity.
SNAP_TYPE_CD	Snapshot Frequency Type		
DATE_KEY	Date Dimension Surrogate Key		
SNAPSHOT_DT	Snapshot Date		
WNTY_EXP_DATE_KEY	Warranty Expiration Date Dimension Surrogate Key		
WNTY_EXP_TIME_KEY	Warranty Expiration Time Dimension Surrogate Key		
WNTY_EXP_DTTM	Warranty Expiration Date/Time	W1_ASSET_CHAR.ADHOC_CHAR_VAL	**Transformation Logic**: This field is populated with the warranty expiration date/time of the asset, which is configured as a characteristic on the asset in ODM (characteristic type is "Warranty Expiration Date [W2-WEXDT]").
OPR_DEVICE_SNAP_UDD1_KEY	Operation Device Snapshot User Defined Dimension 1 Surrogate Key		

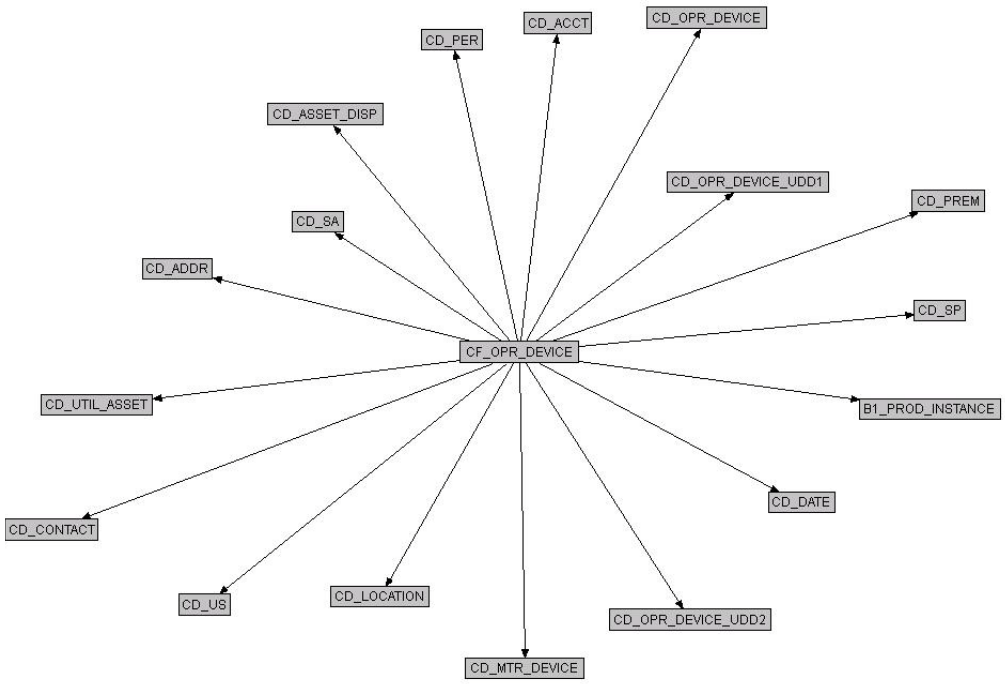
Target Field	OBIEE Field	Source Field	Transformation / Calculation Logic
OPR_DEVICE_SNAP_UDD2_KEY	Operation Device Snapshot User Defined Dimension 2 Surrogate Key		
UDM1	User Defined Measure 1		
UDM2	User Defined Measure 2		
UDM3	User Defined Measure 3		
UDM4	User Defined Measure 4		
UDM5	User Defined Measure 5		
UDM6	User Defined Measure 6		
UDM7	User Defined Measure 7		
UDM8	User Defined Measure 8		
UDM9	User Defined Measure 9		
UDM10	User Defined Measure 10		
UDDGEN1	User Defined Degenerate Dimension 1		
UDDGEN2	User Defined Degenerate Dimension 2		
UDDGEN3	User Defined Degenerate Dimension 3		
UDDGEN4	User Defined Degenerate Dimension 4		
UDDGEN5	User Defined Degenerate Dimension 5		
UDDGENL1	User Defined Long Degenerate Dimension 1		
UDDGENL2	User Defined Long Degenerate Dimension 2		
UDDGENL3	User Defined Long Degenerate Dimension 3		
UDDGENL4	User Defined Long Degenerate Dimension 4		
UDDGENL5	User Defined Long Degenerate Dimension 5		
UDDFK1_KEY	User Defined Dimension Foreign Key 1		
UDDFK2_KEY	User Defined Dimension Foreign Key 2		

Target Field	OBIEE Field	Source Field	Transformation / Calculation Logic
UDDFK3_KEY	User Defined Dimension Foreign Key 3		
UDDFK4_KEY	User Defined Dimension Foreign Key 4		
UDDFK5_KEY	User Defined Dimension Foreign Key 5		
FACT_CNT	Fact Count		
DATA_SOURCE_IND	Data Source Indicator	CI_INSTALLATION.ENV_ID	
JOB_NBR	Job Number		
	Devices In Storage		**Calculation Logic:** This is the number of devices that are currently in storage.
	Devices In Warranty		**Calculation Logic:** This is the number of devices that are currently in warranty.
	Installed Devices		**Calculation Logic:** This is the number of devices that are currently installed at customer locations.
	Repair		**Calculation Logic:** This is the number of devices that are currently in repair.
	Retired Devices		**Calculation Logic:** This is number of devices that are retired.

Operational Device Fact

The Operational Device fact accumulates all operational devices (assets) from the Oracle Utilities Operational Device Management system. The fact also captures data about the most recent inspection pass and failure events.

Entity Relationship Diagram



Properties

Property	Value
Target Table Name	CF_OPR_DEVICE
Table Type	Fact
Fact Type	Accumulation
Driver Table	W1_ASSET
Stage Table Name	STG_CF_OPR_DEVICE
ODI Package Name	B1_PKG_CF_OPR_DEVICE
ETL View Name	B1_F_OPR_DEVICE_VW
Materialized View Name	B1_OPR_DEVICE_MON_MV1 B1_OPR_DEVICE_MON_TOPX_MV1

Fields

Target Field	OBIEE Field	Source Field	Transformation / Calculation Logic
OPR_DEVICE_KEY	Operational Device Fact Key		
SRC_ASSET_ID	Source Asset ID	W1_ASSET.ASSET_ID	
ASSET_DISP_KEY	Asset Disposition Dimension Surrogate Key	W1_ASSET_NODE.ASSET_DPOS_FLG W1_ASSET_NODE.EFF_DTTM W1_ASSET_NODE.ATTCH_TO_ASSET_ID	**Transformation Logic**: This field is populated based on the asset's current disposition. If it is a component and its current disposition is "Attached", its disposition will follow the disposition of the asset it is currently attached to.
OPR_DEVICE_D_KEY	Operational Device Dimension Surrogate Key	W1_ASSET.ASSET_ID	
UTIL_ASSET_KEY	Utility Asset Dimension Surrogate Key	W1_ASSET.ASSET_ID	
ATTACHED_TO_ASSET_KEY	Utility Asset Dimension Surrogate Key	W1_ASSET_NODE.ATTCH_TO_ASSET_ID	
LOCATION_KEY	Location Dimension Surrogate Key	W1_ASSET_NODE.NODE_ID W1_ASSET_NODE.EFF_DTTM W1_ASSET_NODE.ATTCH_TO_ASSET_ID	**Transformation Logic**: This field is populated based on the asset's current location. If it is a component and its current disposition is "Attached", its disposition will follow the disposition of the asset it is currently attached to.
ADDR_KEY	Address Dimension Surrogate Key	W1_ASSET_NODE.NODE_ID	**Transformation Logic**: This field is populated based on the same logic used for the asset's location. There is no separate entity for address in the ODM system. The source for this column will be the asset's location.

Target Field	OBIEE Field	Source Field	Transformation / Calculation Logic
SP_KEY	Service Point Dimension Surrogate Key	W1_NODE_IDENTIFIER.W1_ID_VALUE	**Transformation Logic**: This field is populated only for joint ODM-MDM integration. It is populated using the MDM SP natural key stored in the ODM system.
MTR_DEVICE_KEY	Device Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM integration. It is populated by deriving the MDM device that is linked to the MDM SP natural key stored in the ODM system.
US_KEY	Usage Subscription Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM integration. It is populated by deriving the MDM usage subscription that is linked to the MDM SP natural key stored in the ODM system.
CONTACT_KEY	Contact Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM integration. It is populated by deriving the MDM contact that is linked to the MDM SP natural key stored in the ODM system.
PER_KEY	Person Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM-CCB integration. It is populated by deriving the CCB person that is linked to the MDM SP natural key stored in the ODM.

Target Field	OBIEE Field	Source Field	Transformation / Calculation Logic
ACCT_KEY	Account Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM-CCB integration. It is populated by deriving the CCB account that is linked to the MDM SP natural key stored in the ODM system.
SA_KEY	Service Agreement Dimension Surrogate Key		**Transformation Logic:** This field is populated only for joint ODM-MDM-CCB integration. It is populated by deriving the CCB SA that is linked to the MDM SP natural key stored in the ODM system.
PREM_KEY	Premise Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM-CCB integration. It is populated by deriving the CCB premise that is linked to the MDM SP natural key stored in the ODM system.
WNTY_EXP_DATE_KEY	Warranty Expiration Date Dimension Surrogate Key		
WNTY_EXP_TIME_KEY	Warranty Expiration Time Dimension Surrogate Key		
WNTY_EXP_DTTM	Warranty Expiration Date/Time	W1_ASSET_CHAR.ADHOC_CHAR_VAL	**Transformation Logic**: The warranty expiration date/time for an asset which will be configured as a characteristic value.
RCT_INS_PASS_DATE_KEY	Recent Inspection Pass Date Dimension Surrogate Key		
RCT_INS_PASS_TIME_KEY	Recent Inspection Pass Time Dimension Surrogate Key		

Target Field	OBIEE Field	Source Field	Transformation / Calculation Logic
RCT_INS_PASS_DTTM	Recent Inspection Pass Date/Time	W1_SVC_HIST.ASSET_ID W1_SVC_HIST_TYPE.SVC_HIST_CATEGORY_FLG W1_SVC_HIST_CHAR.EFFDT W1_SVC_HIST_CHAR.CHAR_TYPE_CD W1_SVC_HIST_CHAR.CHAR_VAL	**Transformation Logic**: This field is populated with the effective date/ time of the most recent service history with category of 'Inspection', and a passing 'Operational Status'.
RCT_INS_FAIL_DATE_KEY	Recent Inspection Fail Date Dimension Surrogate Key		
RCT_INS_FAIL_TIME_KEY	Recent Inspection Fail Time Dimension Surrogate Key		
RCT_INS_FAIL_DTTM	Recent Inspection Fail Date/Time	W1_SVC_HIST.ASSET_ID W1_SVC_HIST_TYPE.SVC_HIST_CATEGORY_FLG W1_SVC_HIST_CHAR.EFFDT W1_SVC_HIST_CHAR.CHAR_TYPE_CD W1_SVC_HIST_CHAR.CHAR_VAL	**Transformation Logic**: This field is populated with the effective date/ time of the most recent service history with category of 'Inspection', and a failed 'Operational Status'.
OPR_DEVICE_UDD1_KEY	Operation Device Snapshot User Defined Dimension 1 Surrogate Key		
OPR_DEVICE_UDD2_KEY	Operation Device Snapshot User Defined Dimension 2 Surrogate Key		
UDM1	User Defined Measure 1		
UDM2	User Defined Measure 2		
UDM3	User Defined Measure 3		

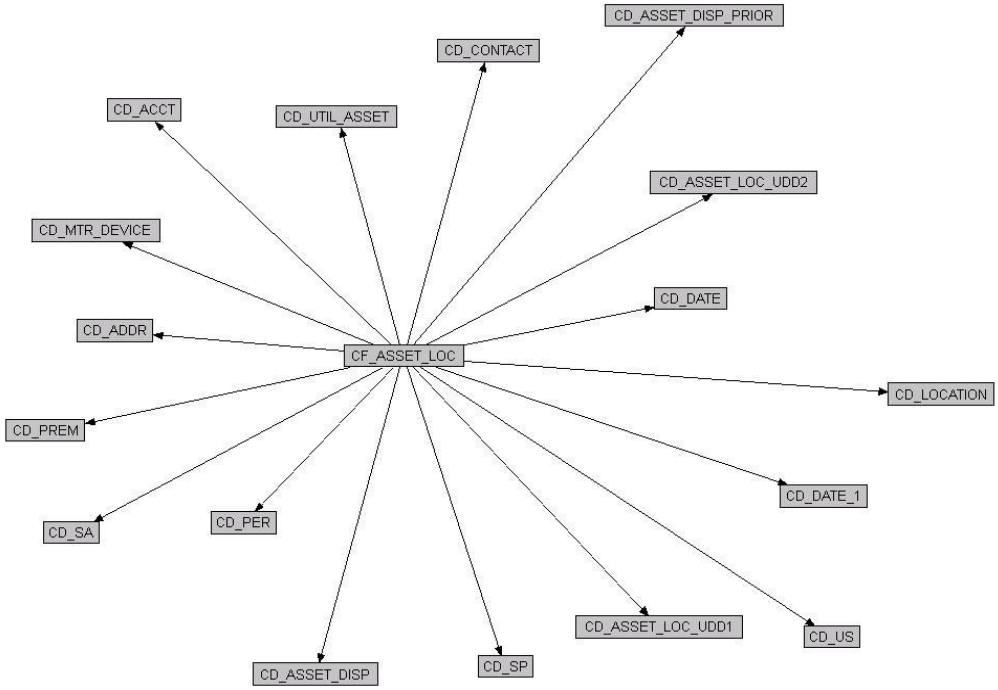
Target Field	OBIEE Field	Source Field	Transformation / Calculation Logic
UDM4	User Defined Measure 4		
UDM5	User Defined Measure 5		
UDM6	User Defined Measure 6		
UDM7	User Defined Measure 7		
UDM8	User Defined Measure 8		
UDM9	User Defined Measure 9		
UDM10	User Defined Measure 10		
UDDGEN1	User Defined Degenerate Dimension 1		
UDDGEN2	User Defined Degenerate Dimension 2		
UDDGEN3	User Defined Degenerate Dimension 3		
UDDGEN4	User Defined Degenerate Dimension 4		
UDDGEN5	User Defined Degenerate Dimension 5		
UDDGENL1	User Defined Long Degenerate Dimension 1		
UDDGENL2	User Defined Long Degenerate Dimension 2		
UDDGENL3	User Defined Long Degenerate Dimension 3		
UDDGENL4	User Defined Long Degenerate Dimension 4		
UDDGENL5	User Defined Long Degenerate Dimension 5		
UDDFK1_KEY	User Defined Dimension Foreign Key 1		
UDDFK2_KEY	User Defined Dimension Foreign Key 2		
UDDFK3_KEY	User Defined Dimension Foreign Key 3		
UDDFK4_KEY	User Defined Dimension Foreign Key 4		
UDDFK5_KEY	User Defined Dimension Foreign Key 5		
FACT_CNT	Fact Count		

Target Field	OBIEE Field	Source Field	Transformation / Calculation Logic
DATA_SOURCE_IND	Data Source Indicator	CI_INSTALLATION.ENV_ID	
JOB_NBR	Job Number		
	Installed		**Calculation Logic:** This is the number of devices that are installed at customer locations.

Asset Location Fact

The Asset Location fact is populated with the asset dispositions of all assets from the Oracle Utilities Operational Device Management system. The assets are captured along their life cycle, when they move through various dispositions. The measures captured in this fact include the time spent in prior disposition, an indicator for failure, and the time since last failure.

Entity Relationship Diagram



Properties

Property	Value
Target Table Name	CF_ASSET_LOC
Table Type	Fact
Fact Type	Accumulation
Driver Table	W1_ASSET_NODE
Stage Table Name	STG_CF_ASSET_LOC
ODI Package Name	B1_PKG_CF_ASSET_LOC
ETL View Name	B1_F_ASSET_LOC_VW
Materialized View Name	B1_ASSET_LOC_MON_MV1

Fields

Target Field	OBIEE Field	Source Field	Transformation / Calculation Logic
ASSET_LOC_KEY	Operational Device Snapshot Fact Key		
SRC_ASSET_ID	Source Asset ID	W1_ASSET_NODE.ASSET_ID	
PRIOR_DISP_DUR	Days in Prior Disposition		**Transformation Logic**: This field is populated as the difference (in days) between the day when the asset entered current disposition and the day when it entered the previous disposition.
FAILED_IND	Failed Indicator	F1_MST_CONFIG.MST_CONFIG_DATA W1_ASSET_NODE.FAILURE_FLG	**Transformation Logic**: This indicator is set to 1 if the asset has a failure when it moved to this disposition. The definition of an asset's failure is configured via "Asset Failure Parameters" in the BI Extract Parameters in ODM.
DUR_LAST_FAIL	Months Since Last Failure	F1_MST_CONFIG.MST_CONFIG_DATA W1_ASSET_NODE.FAILURE_FLG W1_ASSET_NODE.EFF_DTTM	**Transformation Logic**: This is only populated if the asset disposition was marked with failure. It is calculated as the difference (in months) since the last failure (or if there is no prior failure, it should be calculated from the earliest disposition).
ASSET_DISP_KEY	Asset Disposition Dimension Surrogate Key	W1_ASSET_NODE.ASSET_DPOS_FLG W1_ASSET_NODE.ATTCH_TO_ASSET_ID	**Transformation Logic**: This field is populated based on the asset's current disposition. If it is a component and its current disposition is "Attached", its disposition will follow the disposition of the asset it is currently attached to.

Target Field	OBIEE Field	Source Field	Transformation / Calculation Logic
PRIOR_ASSET_DISP_KEY	Prior Disposition Dimension Surrogate Key		**Transformation Logic**: This field is populated based on the prior disposition of the asset. If it is a component and its current disposition is "Attached", its disposition will follow the disposition of the asset it is currently attached to.
UTIL_ASSET_KEY	Utility Asset Dimension Surrogate Key	W1_ASSET_NODE.ASSET_ID	
ATTACHED_TO_ASSET_KEY	Utility Asset Dimension Surrogate Key	W1_ASSET_NODE.ATTCH_TO_ASSET_ID	
LOCATION_KEY	Location Dimension Surrogate Key	W1_ASSET_NODE.NODE_ID	**Transformation Logic**: This field is populated based on the asset's current location. If it is a component and its current disposition is "Attached", its disposition will follow the disposition of the asset it is currently attached to.
PRIOR_LOCATION_KEY	Prior Location Dimension Surrogate Key	W1_ASSET_NODE.NODE_ID	**Transformation Logic**: This field is populated based on the asset's prior location. If it is a component and its current disposition is "Attached", its disposition will follow the disposition of the asset it is currently attached to.
ADDR_KEY	Address Dimension Surrogate Key	W1_ASSET_NODE.NODE_ID	**Transformation Logic**: The source for this column will be the asset's current location.
SP_KEY	Service Point Dimension Surrogate Key	W1_NODE_IDENTIFIER.W1_ID_VALUE	**Transformation Logic**: This field is populated only for joint ODM-MDM integration. It is populated using the MDM SP natural key stored in the ODM system.

Target Field	OBIEE Field	Source Field	Transformation / Calculation Logic
MTR_DEVICE_KEY	Device Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM integration. It is populated by deriving the MDM device that is linked to the MDM SP natural key stored in the ODM system.
US_KEY	Usage Subscription Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM integration. It is populated by deriving the MDM usage subscription that is linked to the MDM SP natural key stored in the ODM system.
CONTACT_KEY	Contact Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM integration. It is populated by deriving the MDM contact that is linked to the MDM SP natural key stored in the ODM system.
PER_KEY	Person Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM-CCB integration. It is populated by deriving the CCB person that is linked to the MDM SP natural key stored in the ODM system.
ACCT_KEY	Account Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM-CCB integration. It is populated by deriving the CCB account that is linked to the MDM SP natural key stored in the ODM system.

Target Field	OBIEE Field	Source Field	Transformation / Calculation Logic
SA_KEY	Service Agreement Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM-CCB integration. It is populated by deriving the CCB SA that is linked to the MDM SP natural key stored in the ODM system.
PREM_KEY	Premise Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM-CCB integration. It is populated by deriving the CCB premise that is linked to the MDM SP natural key stored in the ODM system.
DISP_DATE_KEY	Disposition Date Dimension Surrogate Key		
DISP_TIME_KEY	Disposition Time Dimension Surrogate Key		
DISP_DTTM	Disposition Date/Time	W1_ASSET_NODE.EFF_DTTM	**Transformation Logic**: This is the disposition date/time of the asset's current disposition.
PRIOR_DISP_DATE_KEY	Prior Disposition Date Dimension Surrogate Key		
PRIOR_DISP_TIME_KEY	Prior Disposition Time Dimension Surrogate Key		
PRIOR_DISP_DTTM	Prior Disposition Date/ Time	W1_ASSET_NODE.EFF_DTTM	**Transformation Logic**: This is the disposition date/time of the asset's prior disposition.
ASSET_LOC_UDD1_KEY	Asset Location User Defined Dimension 1 Surrogate Key		
ASSET_LOC_UDD2_KEY	Asset Location User Defined Dimension 2 Surrogate Key		
UDM1	User Defined Measure 1		

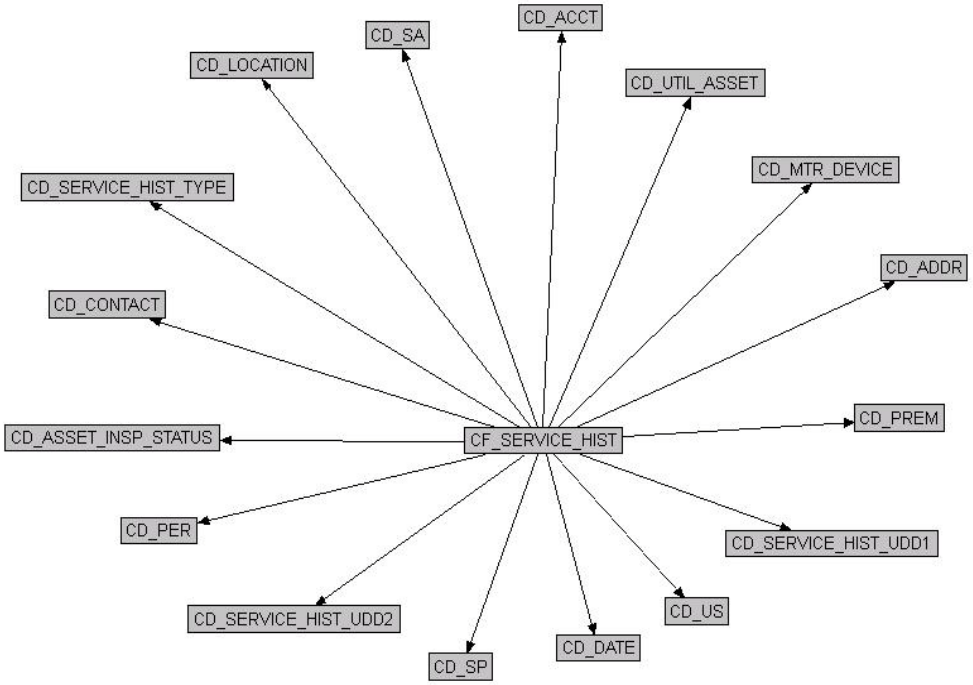
Target Field	OBIEE Field	Source Field	Transformation / Calculation Logic
UDM2	User Defined Measure 2		
UDM3	User Defined Measure 3		
UDM4	User Defined Measure 4		
UDM5	User Defined Measure 5		
UDM6	User Defined Measure 6		
UDM7	User Defined Measure 7		
UDM8	User Defined Measure 8		
UDM9	User Defined Measure 9		
UDM10	User Defined Measure 10		
UDDGEN1	User Defined Degenerate Dimension 1		
UDDGEN2	User Defined Degenerate Dimension 2		
UDDGEN3	User Defined Degenerate Dimension 3		
UDDGEN4	User Defined Degenerate Dimension 4		
UDDGEN5	User Defined Degenerate Dimension 5		
UDDGENL1	User Defined Long Degenerate Dimension 1		
UDDGENL2	User Defined Long Degenerate Dimension 2		
UDDGENL3	User Defined Long Degenerate Dimension 3		
UDDGENL4	User Defined Long Degenerate Dimension 4		
UDDGENL5	User Defined Long Degenerate Dimension 5		
UDDFK1_KEY	User Defined Dimension Foreign Key 1		
UDDFK2_KEY	User Defined Dimension Foreign Key 2		
UDDFK3_KEY	User Defined Dimension Foreign Key 3		
UDDFK4_KEY	User Defined Dimension Foreign Key 4		

Target Field	OBIEE Field	Source Field	Transformation / Calculation Logic
UDDFK5_KEY	User Defined Dimension Foreign Key 5		
FACT_CNT	Fact Count		
DATA_SOURCE_IND	Data Source Indicator	CI_INSTALLATION.ENV_ID	
JOB_NBR	Job Number		
	Installed		**Calculation Logic**: This is the number of devices that are installed at customer locations.
	Received Devices		**Calculation Logic**: This is the number of devices that are in receipt. These devices are tested for usability before installing them at customer locations.
	Rejections		**Calculation Logic**: This is the number of devices that are rejected during an inspection.

Service History Fact

The Service History fact accumulates the details of all service history entries created in the source Oracle Utilities Operational Device Management system.

Entity Relationship Diagram



Properties

Property	Value
Target Table Name	CF_SERVICE_HIST
Table Type	Fact
Fact Type	Accumulation
Driver Table	W1_SVC_HIST
Stage Table Name	STG_CF_SERVICE_HIST
ODI Package Name	B1_PKG_CF_SERVICE_HIST
ETL View Name	B1_F_SERVICE_HIST_VW
Materialized View Name	B1_SERVICE_HIST_MON_MV1

Fields

Target Field	OBIEE Field	Source Field	Transformation/ Calculation Logic
SERVICE_HIST_KEY	Service History Fact Key		

Target Field	OBIEE Field	Source Field	Transformation/ Calculation Logic
SRC_SERVICE_HIST_ID	Source Service History ID	W1_SVC_HIST.SVC_HIST_ID	
SERVICE_HIST_TYPE_KEY	Service History Type Dimension Surrogate Key	W1_SVC_HIST.SVC_HIST_TYPE_CD	
OPR_DEVICE_KEY	Operational Device Dimension Surrogate Key	W1_SVC_HIST.ASSET_ID W1_SVC_HIST.EFF_DTTM	
UTIL_ASSET_KEY	Utility Asset Dimension Surrogate Key	W1_SVC_HIST.ASSET_ID W1_SVC_HIST.EFF_DTTM	
LOCATION_KEY	Location Dimension Surrogate Key	W1_SVC_HIST.EFF_DTTM W1_ASSET_NODE.NODE_ID W1_ASSET_NODE.EFF_DTTM W1_ASSET_NODE.ATTCH_TO_ASSET_ID	**Transformation Logic**: This field is populated based on the current location of the asset associated with the Service History. If it is a component and its current disposition is "Attached", its disposition will follow the disposition of the asset it is currently attached to.
ADDR_KEY	Address Dimension Surrogate Key	W1_ASSET_NODE.NODE_ID	**Transformation Logic**: The source for this column will be the asset's location.
ASSET_INSP_STATUS_KEY	Asset Inspection Status Dimension Surrogate Key	W1_SVC_HIST_TYPE.SVC_HIST_CATEGORY_FLG W1_SVC_HIST_CHAR.CHAR_TYPE_CD W1_SVC_HIST_CHAR.CHAR_VAL	**Transformation Logic**: Only populated for Service Histories of Inspection Category. This is populated based on the characteristic value configured for the 'Operational Status' characteristic type. If no value is configured, then the default value of 'NA' will be mapped.

Target Field	OBIEE Field	Source Field	Transformation/ Calculation Logic
SP_KEY	Service Point Dimension Surrogate Key	W1_NODE_IDENTIFIER.W1_ID_VALUE	**Transformation Logic**: This field is populated only for joint ODM-MDM integration. It is populated using the MDM SP natural key stored in the ODM system.
MTR_DEVICE_KEY	Device Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM integration. It is populated by deriving the MDM device linked to the MDM SP natural key stored in the ODM system.
US_KEY	Usage Subscription Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM integration. It is populated by deriving the MDM usage subscription linked to the MDM SP natural key stored in the ODM system.
CONTACT_KEY	Contact Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM integration. It is populated by deriving the MDM contact linked to the MDM SP natural key stored in the ODM system.
PER_KEY	Person Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM-CCB integration. It is populated by deriving the CCB person linked to the MDM SP natural key stored in the ODM system.

Target Field	OBIEE Field	Source Field	Transformation/ Calculation Logic
ACCT_KEY	Account Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM-CCB integration. It is populated by deriving the CCB account linked to the MDM SP natural key stored in the ODM system.
SA_KEY	Service Agreement Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM-CCB integration. It is populated by deriving the CCB SA linked to the MDM SP natural key stored in the ODM system.
PREM_KEY	Premise Dimension Surrogate Key		**Transformation Logic**: This field is populated only for joint ODM-MDM-CCB integration. It is populated by deriving the CCB premise linked to the MDM SP natural key stored in the ODM system.
SERVICE_HIST_DATE_KEY	Service History Date Dimension Surrogate Key	W1_SVC_HIST.EFF_DTTM	
SERVICE_HIST_TIME_KEY	Service History Time Dimension Surrogate Key	W1_SVC_HIST.EFF_DTTM	
SERVICE_HIST_DTTM	Service History Date/ Time	W1_SVC_HIST.EFF_DTTM	
SERVICE_HIST_UDD1_KEY	Service History User Defined Dimension 1 Surrogate Key		
SERVICE_HIST_UDD2_KEY	Service History User Defined Dimension 2 Surrogate Key		
UDM1	User Defined Measure 1		
UDM2	User Defined Measure 2		
UDM3	User Defined Measure 3		
UDM4	User Defined Measure 4		

Target Field	OBIEE Field	Source Field	Transformation/ Calculation Logic
UDM5	User Defined Measure 5		
UDM6	User Defined Measure 6		
UDM7	User Defined Measure 7		
UDM8	User Defined Measure 8		
UDM9	User Defined Measure 9		
UDM10	User Defined Measure 10		
UDDGEN1	User Defined Degenerate Dimension 1		
UDDGEN2	User Defined Degenerate Dimension 2		
UDDGEN3	User Defined Degenerate Dimension 3		
UDDGEN4	User Defined Degenerate Dimension 4		
UDDGEN5	User Defined Degenerate Dimension 5		
UDDGENL1	User Defined Long Degenerate Dimension 1		
UDDGENL2	User Defined Long Degenerate Dimension 2		
UDDGENL3	User Defined Long Degenerate Dimension 3		
UDDGENL4	User Defined Long Degenerate Dimension 4		
UDDGENL5	User Defined Long Degenerate Dimension 5		
UDDFK1_KEY	User Defined Dimension Foreign Key 1		
UDDFK2_KEY	User Defined Dimension Foreign Key 2		
UDDFK3_KEY	User Defined Dimension Foreign Key 3		
UDDFK4_KEY	User Defined Dimension Foreign Key 4		
UDDFK5_KEY	User Defined Dimension Foreign Key 5		
FACT_CNT	Fact Count		
DATA_SOURCE_IND	Data Source Indicator	CI_INSTALLATION.ENV_ID	

Target Field	OBIEE Field	Source Field	Transformation/ Calculation Logic
JOB_NBR	Job Number		
	Total Inspections		**Calculation Logic**: This is the number of inspections performed on the devices.