

Oracle Utilities Market Settlements Management

Licensing Information User Manual

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Oracle Utilities Market Settlements Management Licensing Information User Manual

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Chapter 1

Oracle Utilities Market Settlements Management Licensing Information User Manual

Welcome to the Oracle Utilities Market Settlements Management Licensing Information User Manual v25.4.

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- [Licensing Information](#)
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Chapter 2

Licensing Information

Product	Subproduct	Licensing Information
Oracle Utilities Market Settlements Management	Oracle Utilities Market Settlements Management	Oracle Utilities Market Settlements Management provides the core functionality for settlement calculations. Included Products: Oracle Utilities Service and Measurement Data Foundation Prerequisites: • Oracle Database Enterprise Edition • Oracle WebLogic Server Enterprise Edition A license to Oracle Utilities Market Settlements Management also includes a restricted use license to: • Oracle Utilities Customer To Meter Base Use of the above listed product is restricted to: • Use of the following subset of master data objects for the purpose of configuring (including for data migration and integration needs) the equivalent objects in the Oracle Utilities Market Settlements Management: • Service Agreement (SA) • Account • Service Point (SP) • Premise • Person • Use of any administration data objects as required for the purposes of maintaining the master data objects listed above

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	Oracle Utilities Information Lifecycle Management for Meter Data	Oracle Utilities Information Lifecycle Management for Meter Data contains a set of processes to support Information Lifecycle Management (ILM) for a number of high volume transactional data objects. The processes identify eligible historical records to facilitate the migration of data to lower cost storage or archived database. Prerequisites: • Oracle Database Enterprise Edition and the Partitioning option are prerequisites for this option. Restrictions: Components provided with ILM including batch jobs, algorithms, and database columns are restricted and CANNOT be used to develop custom archiving processes. A separate license is required for each production instance.

License Restrictions Matrix

The Oracle Utilities meter solution products include functionality used by multiple Oracle Utilities products. Some of the functionality provided with the Oracle Utilities meter solution products is restricted, and can only be used if specific products have been licensed. The table below indicates the specific functional areas included with each of the listed products.

- “✓” indicates that the functional area is included with the product.
- “✓*” indicates that the functional area is included with the product, but in order to use the functionality customers must license additional products. For example, a customer licensing Oracle Utilities Meter Data Management who wishes to use information lifecycle management must also license Information Lifecycle Management for Meter Data.
- “✗” indicates that the functional area is not included with the product.

In order to use functionality listed as “not included”, customers must license the product that includes the desired functionality. For example, a customer licensing Oracle Utilities Smart Grid Gateway who wishes to perform validation, editing, and estimations on incoming measurement data must also license Oracle Utilities Meter Data Management.

- “C” indicates that customers can develop custom implementations and interfaces to support this functionality. Note that use of any base package business objects (and related algorithms, business services, etc.) provided with the Oracle Utilities meter solution to support meter command functionality is prohibited unless the customer has also licensed Oracle Utilities Smart Grid Gateway.

Functionality	Oracle Utilities Meter Data Management	Oracle Utilities Smart Grid Gateway	Oracle Utilities Market Settlements Management	Oracle Utilities Analytics	Oracle Utilities Customer Self Service
Measurement and Service Data Model	✓	✓	✓	✗	✗
Validation and Editing Functionality	✓	✗	✓	✗	✗
Estimation and Forecasting Functionality	✓	✗	✓	✗	✗
Measurement Services and Aggregations	✓	✗	✓	✗	✗
Consumer Level Usage and Bill Determinant Calculations	✓	✗	✗	✗	✗
Wholesale Usage Bill Determinant Calculations	✓	✗	✓	✗	✗

Functionality	Oracle Utilities Meter Data Management	Oracle Utilities Smart Grid Gateway	Oracle Utilities Market Settlements Management	Oracle Utilities Analytics	Oracle Utilities Customer Self Service
Usage Calculations for Settlement Processes	✗	✗	✓	✗	✗
Information Lifecycle Management for Meter Data	✓*	✓*	✓*	✗	✗
Analytics	✗	✗	✗	✓	✗
Customer Self Service	✗	✗	✗	✗	✓
Usage and Event Upload Statistics Processing	✗	✓	✗	✗	✗
Smart Meter Command Processing	C	✓	✗	✗	✗
Outage Integration	✗	✓	✗	✗	✗
Service Order Management	✗	✓*	✗	✗	✗
DataConnect	✓	✗	✗	✗	✗
Settlement Processes	✗	✗	✓	✗	✗
Wholesale Gas Operations	✗	✗	✓	✗	✗

Functional Areas

The table below describes the functional areas provided with the Oracle Utilities meter solution products.

Functional Area	Description
Measurement and Service Data Model	The measurement and service data model contains database tables and related functionality used to define and store meters, devices, unmetered items, service points, and measurement data.
Validation and Editing Functionality	The engine that provides the core functionality used to perform validation and editing on usage data.
Estimation and Forecasting Functionality	Processes to estimate missing usage and forecast future energy use.
Measurement Services and Aggregation	Measurement services are used to process meter reading data and manipulate measurements to support billing or other downstream processes.

Functional Area	Description
Consumer Level Usage and Bill Determinant Calculations	The usage engine and usage rules provide the core functionality used to perform consumer usage and bill determinat calculations based on measurement data.
Whole Usage Bill Determinant Calculations	The usage engine and usage rules provide the core functionality used to perform settlement and wholesale billing calculations based on measurement data. The term wholesale relates to purchasing and selling large quantities of energy between energy companies.
Usage Calculations for Settlement Processes	The usage engine and usage rules provide the core functionality used to perform settlement.
Information Lifecycle Management for Meter Data	Oracle Utilities Information Lifecycle Management for Meter Data contains a set of processes to support Information Lifecycle Management (ILM) for a number of high volume transactional data objects. The processes identify eligible historical records to facilitate the migration of data to lower cost storage or archived database. Note: Oracle Database Enterprise Edition and the Partitioning option are prerequisites for this option. Components provided with ILM including batch jobs, algorithms, and database columns are restricted and CANNOT be used to develop custom archiving processes.
Analytics	Base package batch processes used to extract and load data for use in analytics applications such as Oracle Utilities Analytics.
Customer Self Service	Web services used to access data via the Oracle Utilities Customer Self Service application.
Usage and Event Upload Statistics Processing	Processing and compiling upload statistics related to upload of usage and device events.
Smart Meter Command Processing	Executing smart meter commands and communicating with a head-end system for purposes of issuing commands such as remote connect, commission meter, etc. Note: Customers who license Oracle Utilities Meter Data Management can build custom interfaces to AMI vendor head-end systems to support smart meter command processes. However, use of the command business objects (and related objects) included with the Oracle Utilities Service and Measurement Data Foundation without licensing Oracle Utilities Smart Grid Gateway is prohibited.
Outage Integration	Communicating with Oracle Utilities Network Management System, including sending/receiving bulk ping commands, receiving device events from Oracle Utilities Smart Grid Gateway, and suppression of device event notifications (allowing a suppression activity to be configured for a meter or service point so that specified device event notifications will not be sent to Oracle Utilities Network Management System).
Service Order Management	Orchestration of service orders that involve field work and/or smart meter commands through integration with customer information systems, mobile field work systems, and head-end systems.

Functional Area	Description
DataConnect	Components used to extract interval measurements data and master data for integration with external energy management systems.
Settlement Processes	Components used for settlement processes: schedules, unaccounted for energy (UFE) calculations, capacity calculations, procurement, and true up processes.
Wholesale Gas Operations	Components used for wholesale gas operations: nominations, bids, scheduling and transportation.
Forecasting Rules	Rules used to forecast future energy use.

Chapter 3

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- [Notice Concerning Usage of DOM4J](#)
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- commons-cli-1.9.0.jar
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