

# **Oracle Utilities Operational Device Management**

Licensing Information User Manual

Release 2.2.0.1

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# Chapter 1

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## Introduction

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## Related Documents

### Installation Guides

- [Product] Release Notes
- [Product] Quick Install Guide
- [Product] Installation Guide
- [Product] Database Administrator (DBA) Guide
- [Product] Licensing Information User Manual

### User Guides

- Oracle Utilities Work and Asset Management and Oracle Utilities Operational Device Management Business User’s Guide
- Oracle Utilities Work and Asset Management and Oracle Utilities Operational Device Management Administrative User Guide

## Supplemental Documents

- [Product] Server Administration Guide
- [Product] Security Guide

# Chapter 2

## Licensing Information

The following table provides information about licensing parameters for Oracle Utilities Operational Device Management.

Product	Sub Product	Licensing Description
Oracle Utilities Operational Device Management	Oracle Utilities Operational Device Management	<p>Oracle Utilities Operational Device Management provides functionality to handle large volumes of “smart” assets and to manage the receipt, installation, maintenance, tracking and removal of those assets. These device assets typically include microprocessors with firmware and configuration management requirements. Oracle Utilities Operational Device Management is purchased as a separate license to further enhance Oracle Utilities Work and Asset Management.</p> <p>Oracle Utilities Work and Asset Management and Oracle Utilities Operational Device Management are built upon a common asset management architecture. Both products include functionality which must be licensed correctly in order to be used. The table below provides information about these functional areas.</p> <p><b>Prerequisites:</b></p> <ul style="list-style-type: none"><li>• Oracle Database Enterprise Edition</li><li>• Oracle WebLogic Server Enterprise Edition</li></ul> <p><b>Restrictions:</b></p> <p>Licensing restrictions are only enforced within the application using application services and user access roles. While it is possible for administrators to enable non licensed functionality, use of this functionality without a license is prohibited.</p>
	Process Integration Pack for Oracle Utilities Field Work	<p>The Process Integration Pack for Oracle Utilities Field Work supports the creation and synchronization of field work activities between Oracle Utilities Mobile Workforce Management and Oracle Utilities Operational Device Management.</p> <p><b>Prerequisites:</b></p> <ul style="list-style-type: none"><li>• Oracle Utilities Operational Device Management</li></ul>

Product	Sub Product	Licensing Description
	Utilities Integration for Device Operations	<p>This is a direct integration between Oracle Utilities Operational Device Management and Oracle Utilities Meter Data Management where Oracle Utilities Operational Device Management provides functionality to manage the receipt, installation, maintenance, tracking and removal of large volumes of assets; and Oracle Utilities Meter Data Management supports the loading, Validation, Editing, and Estimation (VEE) of meter data - from meter configuration, to meter read and usage validation to bill determinant calculations.</p> <p><b>Prerequisites:</b></p> <ul style="list-style-type: none"> <li>Oracle Utilities Operational Device Management</li> </ul>

**Note: Oracle Utilities Operational Device Management** is packaged as part of the **Oracle Utilities Work and Asset Management** media pack.

Customers seeking to download the **Oracle Utilities Operational Device Management** media pack must search for and download the **Oracle Utilities Work and Asset Management** media pack on Oracle Software Delivery Cloud and in My Oracle Support. There is no separate **Oracle Utilities Operational Device Management** package to download.

## License Restrictions Matrix

- Oracle Utilities Work and Asset Management and Oracle Utilities Operational Device Management are built upon a common asset management architecture. Both products include functionality which must be licensed correctly in order to be used. The table below provides information about these functional areas.
- “✓” 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 Operational Device Management who wishes to use the integration to Meter Data Management will also need to license Utilities Integration for Device Operations.
- “✗” 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 Operational Device Management who wishes to perform

purchasing functions must also license Oracle Utilities Work and Asset Management.

	Oracle Utilities Work and Asset Management	Oracle Utilities Operational Device Management
<b>360 Degree Search</b> The 360 Degree View feature allows users to view data for assets, components, contacts and locations from a single set of portals.	✘	✔
<b>Asset Configurations and Configuration Reports</b> A single asset or component can have many parameters and only certain combinations of parameter values that are allowed. Multiple assets and/or components may work together as a group with only certain combinations of settings that are allowed or supported.	✘	✔
<b>Asset Management for Smart Devices</b> Provides functionality such as the management of firmware updates and testing for smart meters and other devices.	✘	✔
<b>Activity Management for Smart Devices</b> Provides functionality for the creation of activities related to smart devices such as firmware updates and testing.	✘	✔
<b>Integration to Meter Data Management</b> This is a direct integration between Oracle Utilities Operational Device Management and Oracle Utilities Meter Data Management where Oracle Utilities Operational Device Management provides functionality to manage the receipt, installation, maintenance, tracking and removal of large volumes of assets; and Oracle Utilities Meter Data Management supports the loading, Validation, Editing, and Estimation (VEE) of meter data - from meter configuration, to meter read and usage validation to bill determinant calculations.	✘	✔
<b>Asset Replication</b> As devices and other assets are received in large quantities, the Asset Replication portal allows for the receipt, inspection, storage and other processing of these assets in batches.	✔	✔
<b>Process Integration Pack for Oracle Utilities Field Work</b> The Process Integration Pack for Oracle Utilities Field Work supports the creation and synchronization of field work records between Oracle Utilities Mobile Workforce Management and Oracle Utilities Operational Device Management.	✔	✔
<b>Approval Processing</b> Functionality which routes records when they require approval. Approval profiles are set up to manage the requirements for the approval. Approvers can use the Approval Dashboard to manage the approvals that require their attention.	✔	✘
<b>Asset Management</b> Asset management provides functionality to track the purchase, repair and maintenance of assets and asset components using general work management processing, preventive maintenance techniques, purchasing processing and inventory tracking.	✔	✘



	Oracle Utilities Work and Asset Management	Oracle Utilities Operational Device Management
<p>Oracle Utilities Work and Asset Management Connector for Geospatial Information Systems</p> <p>The GIS Integration uses the Esri ArcGIS server to allow users to view asset layers on a map, and to create and view work requests and work orders on the map. Access the map from the GIS menu after the configuration steps have been completed.</p>	✓*	✗
<p>Financial Transactions and Accounting</p> <p>The system tracks transactions that incur costs including purchasing and procurement costs, inventory and stocking costs, and the costs associated with the labor, equipment and materials that are incurred when completing work.</p>	✓	✗
<p>Home Page Functionality</p> <p>The home page provides a comprehensive dashboard where you can access much of the information you need to review and complete your work.</p>	✓	✗
<p>Inventory Management</p> <p>Inventory is tracked, ordered, and received from vendors and allocated in the Inventory system. As inventory is allocated to work, the system passes this information back to the Work Management system so that maintenance managers and crews know that their parts are available.</p>	✓	✗
<p>Preventive Maintenance</p> <p>Preventive maintenance asset location selection allows you to create preventive maintenance specific to asset location. This functionality works with asset location specific template work orders which are used to plan for activities and resources which are specific to an asset location (where the asset is installed).</p>	✓	✗
<p>Purchasing Management</p> <p>Purchasing functions can be used to plan, initiate, and process purchases and purchasing contracts from requisition to invoicing. The system also manages vendors, designated buyers, and stock items.</p>	✓	✗
<p>Construction Work Management</p> <p>Construction Work Management functions can be used to plan and manage work related to construction work.</p>	✓	✗
<p>Resource Management</p> <p>Resources encompass any object that contributes to the running of your organization. This includes crews and crew shifts, employees, equipment, contacts, documents, standard notes and attachments, and so on.</p>	✓	✗
<p><b>Wok Management</b></p> <p>Work management is the process by which work orders are requested, approved and activated, work is performed and then work is finished and closed. While the work is being performed, materials, equipment assets and labor are tracked, as applicable to your business processes. The system also allows organizations to set up preventive and predictive maintenance cycles including reliability centered maintenance.</p>	✓	✗

# Chapter 3

## Third-Party Notices

### Open Source or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in this product are identified in the following table along with the applicable licensing information. Additional notices and/or licenses may be found in the included documentation or readme files of the individual third party software.

**Note:** A copy of each license appears in the Third-Party License chapter, unless otherwise noted: [Appendix 4: Third-Party Licenses](#).

Provider	Component	Version	License Information
Adam Shaw	FullCalendar	2.0	Copyright (c) 2013 Adam Shaw
ANTLR	ANTLR	2.7.7	Copyright (c) 2012 Terence Parr and Sam Harwell All rights reserved.
ANTLR	ANTLR	4.5	Copyright (c) 2012 Terence Parr and Sam Harwell All rights reserved.
ANTLR	ANTLR	4.5.3	Copyright (c) 2012 Terence Parr and Sam Harwell All rights reserved.
ANTLR	Antlr.runtime	3.2	Copyright (c) 2012 Terence Parr and Sam Harwell All rights reserved.
Apache	Ant	1.9.7	Copyright © 1999-2012 The Apache Software Foundation Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> .
Apache	Apache XMLBeans	2.6.0	
Apache	bsf.jar	2.4.0	
Apache	cglib	3.2.4	
Apache	commons-cli	1.3.1	
Apache	commons-codec	1.9	
Apache	commons-collections	3.2.2	
Apache	commons-Fileupload	1.3.2	

Provider	Component	Version	License Information
Apache	commons-io	1.3.2	
Apache	commons-lang	2.2	
Apache	commons-Logging	1.2	
Apache	Groovy	2.4.5	
Apache	HTTP Components Cache	4.1.2	
Apache	HTTP Components Mime	4.1.2	
Apache	HttpComponents Core	4.4.3	
Apache	HttpComponents HttpClient	4.1.2	
Apache	HttpComponents HttpClient	4.5.1	
Apache	Log4j	2.6.2	
Apache	Trinidad	n/a	
Apache	Velocity	1.7	
Apache	Xalan	2.7.2	
Apache Software Foundation	commons Beanutils	1.9.3	
Apache Software Foundation	HttpCore	4.1.2	
Apache Software Foundation	Serializer	2.7.2	
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Codehaus	Jettison	1.3.8	Copyright 2006 Envoi Solutions LLC  Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>

Provider	Component	Version	License Information
Codehaus	Jackson	1.9.2	Copyright 2006 Envoi Solutions LLC  Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>
David Olson	Timezone Data 2010j	2010j	
Doug Lea	Concurrent	1.3.4	All classes are released to the public domain and may be used for any purpose whatsoever without permission or acknowledgment. <a href="http://g.oswego.edu/dl/classes/EDU/oswego/cs/dl/util/concurrent/intro.html">http://g.oswego.edu/dl/classes/EDU/oswego/cs/dl/util/concurrent/intro.html</a> (no copy in Chapter 4)
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Joe Walnes	XStream	1.4.9	Copyright (c) 2003-2006, Joe Walnes Copyright (c) 2006-2011, XStream Committers All rights reserved.
jQuery	jQueryUI	1.11.0	Copyright (c) 2010 Paul Bakaus, <a href="http://jqueryui.com/">http://jqueryui.com/</a> .
jQuery Foundation	jQuery	3.1.0	Copyright 2013 jQuery Foundation and other contributors <a href="http://jquery.com/">http://jquery.com/</a>
Marijn Haverbeke	CodeMirror	5.20.2	Copyright (C) 2016 by Marijn Haverbeke <marijnh@gmail.com> and others
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Quality Open Software	Simple Logging Façade for Java (SLF4J)	1.6.4	Copyright (c) 2004-2011 QOS.ch All rights reserved.  Refer to <a href="http://www.slf4j.org/license.html">http://www.slf4j.org/license.html</a> .
Red Hat	jboss-logging	3.3.0. FINAL	
Tatu Saloranta	StaxMate	2.0.1	Copyright (c) 2007, Tatu Saloranta All rights reserved..
Terence Parr	ANTLR	2.7.7	Copyright (c) 2005-2009 Terence Parr All rights reserved. BSD License: <a href="http://opensource.org/licenses/BSD-3-Clause">http://opensource.org/licenses/BSD-3-Clause</a> .

Provider	Component	Version	License Information
Terence Parr	Antlr.runtime	3.2	Copyright (c) 2005-2009 Terence Parr All rights reserved. BSD License: <a href="http://opensource.org/licenses/BSD-3-Clause">http://opensource.org/licenses/BSD-3-Clause</a> .
Terracotta, Inc.	Ehcache	2.5.2	Copyright 2001-2004 The Apache Software Foundation. Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> .
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XmlPull Project (xmlpull.org)	Xmlpull	1.1.3.1	Initial authors:  Stefan Haustein Aleksander Slominski  2001-12-12
Yahoo! Inc	Yahoo User Interface	2.9.0	Copyright (c) 2013, Yahoo! Inc. All rights reserved.

# Chapter 4

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- [Notice Concerning Usage of Apache Software](#)
- [Notice Concerning Usage of ASM](#)
- [Notice Concerning Usage of CodeMirror](#)
- [Notice Concerning Usage of Concurrent](#)
- [Notice Concerning Usage of DOM4J](#)
- [Notice Concerning Usage of FullCalendar](#)
- [Notice Concerning Usage of International Components for Unicode \(ICU4J\)](#)
- [Notice Concerning Usage of Jaxen](#)
- [Notice Concerning Usage of JQuery](#)
- [Notice Concerning Usage of JQuery UI](#)
- [Notice Concerning Usage of SLF4J](#)
- [Notice Concerning Usage of Staxmate](#)
- [Notice Concerning Usage of XMLPULL](#)
- [Notice Concerning Usage of XStream](#)
- [Notice Concerning Usage of YUI](#)

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## Third-Party Products

The following sections provide notices and information about the third party products indicated.

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- ant1.7.1.jar
- bsf-2.4.0.jar
- castor-1.3.2-core.jar
- castor-1.3.2-xml-schema.jar
- castor-1.3.2-xml.jar
- cglib-3.1.jar

- commons-logging-1.2.jar
- commons-beanutils-core-1.8.3.jar
- commons-cli-1.1.jar
- commons-codec-1.9.jar
- commons-collections-3.2.2.jar
- commons-fileupload-1.3.1.jar
- commons-httpclient-4.5.1.jar
- commons-io-1.3.2.jar
- commons-lang-2.2.jar
- commons-logging-1.2.jar
- ehcache-core-2.5.2.jar
- groovy-2.4.5.jar
- httpcore-4.4.3.jar
- jackson-core-asl-1.9.2.jar
- jackson-jaxrs-1.9.2.jar
- jackson-mapper-asl-1.9.2.jar
- jackson-xc-1.9.2.jar
- jettison-1.3.7.jar
- jcl-over-slf4j-1.7.7.jar
- joda-time-2.3.jar
- log4j-1.2.17.jar
- org.apache.http.components.httpclient-4.1.2.jar
- org.apache.http.components.httpclient-cache-4.1.2.jar
- org.apache.http.components.httpcore-4.1.2.jar
- org.apache.http.components.httpmime-4.1.2.jar
- serializer-2.7.2.jar
- trinidad-api-2.1.1.jar
- trinidad-impl-2.1.1.jar
- velocity-1.4.jar
- xalan-2.7.2.jar



## Apache License

Version 2.0, January 2004

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