

**Oracle® Communications
Network Integrity**

Licensing Information User Manual

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Contents

- Introduction..... 1**
- Licensing Information..... 2**
- Third-Party Notices and/or Licenses 8**
 - Commercial Software 8
 - Open Source or Other Separately Licensed Software 8
- Third-Party Licenses.....13**
 - Apache License, Version 2.0..... 13
 - Cisco License 15
 - Common Development and Distribution License 1.0 18
 - CPAN License 22
 - JacORB License 22
 - JCraft License..... 27
 - The Internet Society License 28

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Licensing Information

Product	Subproduct	Licensing Description
Oracle Communications Network Integrity	Oracle Communications Network Integrity, Discovery Manager	<p>Oracle Communications Network Integrity, Discovery Manager gives you the ability to:</p> <ul style="list-style-type: none"> • Create, schedule, run, and manage discovery scans (including blackout windows); browse and manage scan results, including historical data about successful and failed scans; access the discovered data via the GUI or through programmatic interfaces. • Add generally available Cartridges from Oracle (such as the MIB2 RFC1213 SNMP cartridge and the TMF814 cartridge) to the scan. Note that each cartridge must be individually licensed. • Use Abstract CLI cartridge to discover device information using command line interface of the device • Use the Network Integrity Plugin for Oracle Communications Design Studio to build new discovery cartridges and extend the data modeling of the discovery results. The Developer's Guide includes instructions about how to do this. Note that Oracle Communications Design Studio is a separately licensed product. • Use the Oracle Communications Network Integrity Software Developer Kit and its documentation. • Use the provided Oracle BI Publisher template reports. Note that using the report templates is optional; if used they require Oracle BI Publisher which is a separately licensed product. <p>Inclusions:</p> <ul style="list-style-type: none"> • Oracle Enterprise Scheduler: Oracle Communications Network Integrity customers are granted the restricted free license for Oracle Enterprise Scheduler. This license includes the ability to schedule and manage Network Integrity jobs for the discovery, reconciliation, assimilation or resolution of data controlled from within the Network Integrity application only (as outlined in Licensing Notes above). Any use of this component outside of Oracle Communications Network Integrity requires the purchase of the appropriate licenses from Oracle. <p>Prerequisites:</p> <ul style="list-style-type: none"> • Oracle Database (Oracle RDBMS) Enterprise Edition • Oracle WebLogic Server Enterprise Edition • Oracle Communications Design Studio • Oracle BI Publisher (if you would like to use the optional template discovery reports provided with Network Integrity)
Oracle Communications Network Integrity	Oracle Communications Network Integrity, Reconciliation Manager	<p>The Oracle Communications Network Integrity, Reconciliation Manager includes the ability to:</p>

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> • Create, schedule, run, and manage discrepancy detection scans (including blackout windows) to compare data from two different sources and create discrepancies based on rules defined in cartridges. Typically the two data sources are the discovered network (using the discovered results from Network Integrity Discovery Manager) and a network operator's inventory system, but any two data sources can be compared such as Billing, Customer Relationship Management, or two inventory systems. • Access the comparison results via the GUI or through programmatic interfaces; correct one data source (where applicable) or trigger the publishing of an event. • Use the Oracle Communications Network Integrity Software Developer Kit and documentation • Use the Network Integrity Plugin for Oracle Communications Design Studio to build new reconciliation cartridges. The Developer's Guide includes instructions about how to do this. Note that Oracle Communications Design Studio is a separately licensed product. • Use the provided Oracle BI Publisher template reports. Note that using the report templates is optional; Oracle BI Publisher is a separately licensed product. • Use the Reference Integration with Oracle Communications UIM; this includes the ability to: <ul style="list-style-type: none"> ○ Use and extend the reference integration with Oracle Communications Unified Inventory Management (UIM) for importing inventory data and resolving discrepancies. This reference is based upon the Cartridge for MIB-II SNMP or Cartridge for Cisco Router and Switch SNMP, or the Cartridge for TMF814 CORBA, one of which is required for full out-of-the-box functionality. <p>Prerequisites for Unified Inventory Management (UIM) Integration Cartridge:</p> <ul style="list-style-type: none"> ○ Oracle Communications Unified Inventory Management (UIM) <p>Optional Prerequisites for Unified Inventory Management (UIM) Integration Cartridge:</p> <ul style="list-style-type: none"> ○ Oracle Communications Network Integrity, Cartridge for MIB-II SNMP ○ Oracle Communications Network Integrity, Cartridge for Cisco Router and Switch SNMP ○ Oracle Communications Network Integrity, Cartridge for TMF814 CORBA <ul style="list-style-type: none"> • Use the Reference integration with Oracle Communications MetaSolv Solution (MSS), which includes the ability to: <ul style="list-style-type: none"> ○ Use the reference cartridge for integrating Network Integrity with Oracle Communications MetaSolv Solution (MSS). The cartridge can be extended and compiled using Oracle Communications Design Studio to create a deployable cartridge for Network Integrity. ○ Import data from a MetaSolv Solution (MSS) instance via prescribed methods in the Network Integrity MSS Integration Cartridge Guide.

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		<ul style="list-style-type: none"> ○ Resolve discrepancies for devices and circuits into MetaSolv Solution (MSS), subject to limits documented in the Network Integrity MSS Integration Cartridge Guide. ○ Use the TMF814 model for integration; changing the model, or not having the cartridge for TMF814 CORBA, will require extensibility. ○ Resolve discrepancies into MetaSolv Solution (MSS), requiring the Oracle Communication Network Integrity Cartridge for CORBA. <p>Prerequisites for MetaSolv Solution (MSS) Cartridge:</p> <ul style="list-style-type: none"> ○ Oracle Communications MetaSolv Solution (MSS) <p>Optional Prerequisites for MetaSolv Solution (MSS) Integration Cartridge:</p> <ul style="list-style-type: none"> ○ Oracle Communications Network Integrity, Assimilation Manager ○ Oracle Communications Network Integrity, Cartridge for CORBA ○ Oracle Communications Network Integrity, Cartridge for Optical Assimilation ○ Oracle Communications Network Integrity, Cartridge for TMF814 CORBA <p>Inclusions:</p> <ul style="list-style-type: none"> ● Oracle Enterprise Scheduler: Oracle Communications Network Integrity customers are granted the restricted free license for Oracle Enterprise Scheduler. This license includes the ability to schedule and manage Network Integrity jobs for the discovery, reconciliation, assimilation or resolution of data controlled from within the Network Integrity application only (as outlined in Licensing Notes above). Any use of this component outside of Oracle Communications Network Integrity requires the purchase of the appropriate licenses from Oracle. <p>Prerequisites:</p> <ul style="list-style-type: none"> ● Oracle Database (Oracle RDBMS) Enterprise Edition ● Oracle WebLogic Server Enterprise Edition ● Oracle Communications Design Studio ● Oracle BI Publisher (if you would like to use the optional template discovery reports provided with Network Integrity)
Oracle Communications Network Integrity	Oracle Communications Network Integrity, Assimilation Manager	<p>The Oracle Communications Network Integrity, Assimilation Manager includes the ability to:</p> <ul style="list-style-type: none"> ● Use data from multiple scans or sources to deduce other information and create records of Assimilated data (for example, use port allocation data from two discovery scans to determine circuits that exist between those ports). ● Add generally available cartridges from Oracle as they become available (may be subject to additional licensing). ● Use and extend the Cartridge for Optical Assimilation as a reference for the creation of data relating to SDH circuits discovered from TMF814, or other sources. This reference is based upon the Cartridge for TMF814, which is required for full out-of-the-box functionality.

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> Use the Network Integrity Plugin for Oracle Communications Design Studio to build new assimilation cartridges. The Developer's Guide includes instructions about how to do this. Note that Oracle Communications Design Studio is a separately licensed product. <p>Inclusions:</p> <ul style="list-style-type: none"> Oracle Enterprise Scheduler: Oracle Communications Network Integrity customers are granted the restricted free license for Oracle Enterprise Scheduler. This license includes the ability to schedule and manage Network Integrity jobs for the discovery, reconciliation, assimilation or resolution of data controlled from within the Network Integrity application only (as outlined in Licensing Notes above). Any use of this component outside of Oracle Communications Network Integrity requires the purchase of the appropriate licenses from Oracle. <p>Prerequisites:</p> <ul style="list-style-type: none"> Oracle Communications Network Integrity, Discovery Manager
Oracle Communications Network Integrity	Oracle Communications Network Integrity Cartridge for MIB-II SNMP Cartridges	<p>This cartridge provides:</p> <ul style="list-style-type: none"> The ability to discover network element (NE) information (such as IP address, name, and logical interfaces) from an NE that supports MIB II using a pre-configured SNMP poll profile. Pre-configured modeling and publishing of the discovered results from the poll list. The ability to extend the cartridge by configuring a new SNMP poll profile to discover from an SNMP MIB (as described in the Cartridge and Developer's Guides). <p>Prerequisites:</p> <ul style="list-style-type: none"> Oracle Communications Network Integrity, Discovery Manager
Oracle Communications Network Integrity	Oracle Communications Network Integrity Cartridge for Cisco Router and Switch SNMP	<p>This cartridge provides:</p> <ul style="list-style-type: none"> The ability to discover network element (NE) information from a Cisco router or switch using a pre-configured SNMP poll profile based on the SNMP MIBs that Cisco typically supports. This SNMP poll profile discovers significantly more information than the MIB-II SNMP Cartridge poll profile including detailed physical NE information (such as shelves, slots, sub-slots, and cards). Pre-configured modeling and publishing of the discovered results from the poll list. The ability to extend the cartridge by adding to the SNMP poll profile (as described in the Cartridge and Developer's Guides). <p>Prerequisites:</p> <ul style="list-style-type: none"> Oracle Communications Network Integrity, Discovery Manager
Oracle Communications Network Integrity	Oracle Communications Network Integrity Cartridge for TMF814 CORBA	<p>This cartridge provides:</p> <ul style="list-style-type: none"> The ability to discover device information on managed elements (ME) from one or more TMF814-compliant systems using a pre-configured CORBA poll profile.

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> • Pre-configured modeling and publishing of the discovered results from the poll list. • The ability to add support for new CORBA calls (as described in the Cartridge and Developer's Guides). • The ability to create reconciliation and resolution actions through Oracle Communications Design Studio (as described in the Cartridge and Developer's Guides). <p>Prerequisites:</p> <ul style="list-style-type: none"> • Oracle Communications Network Integrity, Discovery Manager
Oracle Communications Network Integrity	Oracle Communications Network Integrity Cartridge for File Transfer and Parsing	<p>This cartridge provides:</p> <ul style="list-style-type: none"> • The ability to retrieve information, in a known file format, from systems using FTP, SFTP, or from local server directories. • The ability to parse ASCII-Delimited and XML files and to extend the parser processors through Oracle Communications Design Studio (as described in the Cartridge and Developer's Guides). • Reference cartridges for ASCII and XML parsing. • The ability to extend the cartridge by adding a custom parsing processor through Oracle Communications Design Studio (as described in the Cartridge and Developer's Guides). • The ability to create reconciliation and resolution actions through Oracle Communications Design Studio (as described in the Cartridge and Developer's Guides). <p>Prerequisites:</p> <ul style="list-style-type: none"> • Oracle Communications Network Integrity, Discovery Manager
Oracle Communications Network Integrity	Oracle Communications Network Integrity Cartridge for CORBA	<p>This cartridge provides:</p> <ul style="list-style-type: none"> • An abstract cartridge for creating a deployable cartridge that uses the CORBA protocol for communication. The cartridge is extended and compiled using Oracle Communications Design Studio to create a deployable cartridge for Network Integrity. • The ability to build and extend the cartridge by modifying and adding to the framework (as described in the Cartridge and Developer's Guides). <p>Prerequisites:</p> <ul style="list-style-type: none"> • Oracle Communications Network Integrity, Discovery Manager
Oracle Communications Network Integrity	Oracle Communications Network Integrity Cartridge for TL1	<p>This cartridge provides:</p> <ul style="list-style-type: none"> • An abstract cartridge for creating a deployable cartridge that uses the TL1 protocol for communication. The cartridge is extended and compiled using Oracle Communications Design Studio to create a deployable cartridge for Network Integrity. • The ability to discover device information on managed elements (ME) from one or more TL1 compliant systems either directly or via a gateway.

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none">• The ability to add support for new TL1 calls/versions (as described in the Cartridge and Developer's Guides).• The ability to create reconciliation and resolution actions through Oracle Communications Design Studio (described in Network Integrity TL1 Cartridge Guide and Network Integrity Developer's Guide).• Use of, and the ability to extend, the reference cartridge for Cisco ONS 15040 SONET. <p>Prerequisites:</p> <ul style="list-style-type: none">• Oracle Communications Network Integrity, Discovery Manager

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CPAN	libwww-perl	Scheduling and Managing Network Integrity Jobs	<p>This product is included as part of the license for Oracle Communications Network Integrity, Discovery Manager, Reconciliation Manager and Assimilation Manager. Any use of this component outside of Oracle Communications Network Integrity requires the purchase of the appropriate licenses from Oracle.</p> <p>This program contains third-party code from the Comprehensive Perl Archive Network ("CPAN"). For copy of the license, see CPAN License</p>
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Zoho	TL1 API (4)	TL1 Discovery	<p>This product is included as part of the license for Oracle Communications Network Integrity Cartridge for TL1. Any use of this product outside of Oracle Communications Network Integrity requires the purchase of the appropriate licenses from the vendor.</p> <p>This product contains copyright material licensed from AdventNet, Inc. http://adventnet.com. All rights to such copyright material rest with AdventNet.</p>

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Provider	Component(s)	Functionality	Licensing Information
Apache Software Foundation	commons-logging-1.0.4.jar (1.0.4) xalan.jar (2.7.1) serializer.jar (2.7.1) xercesImpl.jar (1.3.1) axis.jar (1.4) commons-discovery-0.2.jar (0.2) org.apache.commons.beanutils_1.6.jar com.bea.core.apache.commons.collections_3.2.0.jar	Web Service Client	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: http://www.apache.org/licenses/LICENSE-2.0 . For a copy of the license, see Apache License, Version 2.0 .
	Apache Commons Net 3.6	FTP Discovery	
	Velocity Engine 2.0 SpringFramework 4.3.17	TL1 Discovery	
	com.springsource.org.apache.commons.logging-1.1.1.jar org.springframework.asm-4.0.7.RELEASE.jar org.springframework.orm-4.0.7.RELEASE.jar org.springframework.context-4.0.7.RELEASE.jar	Install	

Provider	Component(s)	Functionality	Licensing Information
	org.springframework.transaction-4.0.7.RELEASE.jar org.springframework.beans-4.0.7.RELEASE.jar org.springframework.core-4.0.7.RELEASE.jar org.springframework.web-4.0.7.RELEASE.jar org.springframework.jdbc-4.0.7.RELEASE.jar org.springframework.expression-4.0.7.RELEASE.jar org.springframework.instrument-4.0.7.RELEASE.jar org.springframework.core-4.0.7.RELEASE.jar org.springframework.context-4.0.7.RELEASE.jar org.springframework.beans-4.0.7.RELEASE.jar		
	XML Beans (2.6.0)	XML Development	
	Ant 1.7.1	Used by Oracle Enterprise Scheduler	

Provider	Component(s)	Functionality	Licensing Information
Cisco	CISCO-ENTITY-VENDORTYPE-OID-MIB CISCO-FRAME-RELAY-MIB CISCO-PRODUCTS-MIB CISCO-SMI CISCO-TC CISCO-VLAN-IFTABLE-RELATIONSHIP-MIB CISCO-VTP-MIB ENTITY-MIB RMON-MIB	SNMP MIBs	All contents are Copyright © 1992-2013 Cisco and/or its affiliates. All rights reserved. For a copy of the license, see Cisco License .
CPAN	libwww-perl	Used by Oracle Enterprise Scheduler	This program contains third-party code from the Comprehensive Perl Archive Network ("CPAN"). For copy of the license, see CPAN License .
IETF, IANA	ATM-MIB ATM-TC-MIB enterprise-numbers.txt IANAifType-MIB IF-MIB RFC1155-SMI RFC1213-MIB RFC1315-MIB SNMP-FRAMEWORK-MIB SNMPv2-CONF SNMPv2-MIB SNMPv2-SMI SNMPv2-TC INET-ADDRESS-MIB IP-MIB	SNMP MIBs	Copyright (C) The Internet Society (1999). All Rights Reserved. For a copy of the license, see The Internet Society License .

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