

Oracle® Transportation Management

Technical Architecture Guide

Release 6.0

Part No. E14515-06

April 2010

Copyright © 2004, 2010, 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 software or related documentation 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 RIGHTS

Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, duplication, disclosure, modification, and adaptation shall be subject to the restrictions and license terms set forth in the applicable Government contract, and, to the extent applicable by the terms of the Government contract, the additional rights set forth in FAR 52.227-19, Commercial Computer Software License (December 2007). Oracle USA, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

This software 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 which may create a risk of personal injury. If you use this software in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure the safe use of this software. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software in dangerous applications.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

This software 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

CONTENTS	III
SEND US YOUR COMMENTS	V
PREFACE	VII
CHANGE HISTORY	VII
1. HARDWARE (FOR APPLICATION, WEB, AND REPORTS TIERS)	1-1
2. SUPPORTING SOFTWARE	2-1
3. LOCALIZATION	3-1
4. ORACLE COMPLEMENTARY PRODUCTS	4-1
5. VENDOR COMPLEMENTARY PRODUCTS	5-1
6. INTEGRATION TO ORACLE APPLICATIONS	6-1

Send Us Your Comments

Oracle® Transportation Management Technical Architecture Guide, Release 6.0

Part No. E14515-06

Oracle welcomes your comments and suggestions on the quality and usefulness of this publication. Your input is an important part of the information used for revision.

- Did you find any errors?
- Is the information clearly presented?
- Do you need more information? If so, where?
- Are the examples correct? Do you need more examples?
- What features did you like most about this manual?

If you find any errors or have any other suggestions for improvement, please indicate the title and part number of the documentation and the chapter, section, and page number (if available). You can send comments to us in the following ways:

- Electronic mail: otm-doc_us@oracle.com
- FAX: 610-491-9897 Attn: Manager OTM Curriculum & Documentation
- Postal service:
Manager OTM Curriculum & Documentation
Oracle Corporation
1016 W. Ninth Ave.
Suite 300
King of Prussia, PA 19406
USA

If you would like a reply, please give your name, address, telephone number, and electronic mail address (optional).

If you have problems with the software, contact Support at <https://metalink.oracle.com> or find the Support phone number for your region at <http://www.oracle.com/support/contact.html>.

Preface

This guide contains hardware and software requirements, as well as complimentary products for Oracle Transportation Management.

Change History

Date	Document Revision	Summary of Changes
3/31/09	-01	Initial release.
6/5/09	-02	Specified WebLogic as Standard Edition. Added Red Hat Linux. Changed CU1 to 6.1. Updated EBS certification.
11/16/09	-03	Provided additional comments for EBS and E1 certification. 11.5.10 certified with 6.0. Updated PC Miler information.
1/7/10	-04	2. Supporting Software – updated DB version from 11.1.x to 11.1.0.7 due to BugDb issue with 11.1.0.6 (6891129). 2. Supporting Software - clarified platforms certified with Oracle Transportation Management column. 5. Vendor Complementary Software - removed Map&Guide. 6. Integration to Oracle Applications – several changes, removed status column.
2/19/10	-05	1. Hardware – changed wording of note on Oracle VM 6. Integration to Oracle Applications – changed link to EBS documentation for 11.5.10
4/15/10	-06	2. Supporting Software – updated Database Server to support 11.2. Updated FTI product to match price list.

1. Hardware (for Application, Web, and Reports Tiers)

Platform	Operating System	Comments
Intel x86 / AMD	Windows 2003 64-bit Standard Edition SP2 / Enterprise Edition SP2	
SPARC IV	Sun 64-bit Solaris 10	
Itanium	Hewlett Packard 64-bit HP-UX 11i v3	
POWER5 / POWER6	IBM 64-bit AIX 6L (6.1)	
Intel x86 / AMD	Oracle 64-bit Oracle Enterprise Linux 5.x	
Intel x86 / AMD	Red Hat 64-bit Enterprise Linux 5.x	

Note: Oracle Transportation Management is supported under Oracle VM.

2. Supporting Software

Tier	Product/Version *	Product Website	Platforms certified with OTM	Comments
Application Server	WebLogic 9.2 MP3 Standard Edition	Oracle http://www.oracle.com	All specified in 1. Hardware except HP	WebLogic is a not part of the Oracle Transportation Management Install.
	Oracle Application Server (OAS) 10.1.3.3	Oracle http://www.oracle.com	All specified in 1. Hardware	Oracle Transportation Management only requires OC4J (the core J2EE runtime component of OAS) and the Oracle Transportation Management Install loads this component.
Database Server	11g (11.1.0.7 & 11.2) 32 bit or 64 bit Enterprise Edition	Oracle http://www.oracle.com	All specified on product website	Oracle's Database Server is not part of the Oracle Transportation Management Install. Real Application Clusters (RAC) supported
Web Server	Apache 2.2.x / Tomcat 6.0.x	The Apache Software Foundation http://www.apache.org/	All specified in 1. Hardware	Oracle Transportation Management Install loads Apache and Tomcat.
Planning Optimizer	Dash Xpress-Optimizer 2008A	Fair Isaac http://www.dashoptimization.com/	All specified in 1. Hardware	Oracle Transportation Management Install loads Dash
Reports (BI Publisher)	Oracle Business Intelligence Publisher 10.1.3.4	Oracle http://www.oracle.com	All specified in 1. Hardware	Oracle Transportation Management Install loads a restricted use license of BI Publisher. The restricted use license provides the ability to publish and/or view shipped BI Publisher reports. Layout changes are allowed. In addition, shipped or created reports can be modified to access data from an existing, non-customized Oracle Applications schema.

Tier	Product/Version *	Product Website	Platforms certified with OTM	Comments
FTI (Business Intelligence Server)	Oracle Business Intelligence Suite Enterprise Edition Plus 10.1.3.4	Oracle http://www.oracle.com	All specified on product website	The BI Suite is not part of the Oracle Transportation Management Install. Fusion Transportation Intelligence can only be run on a server certified to run Oracle Business Intelligence Suite Enterprise Edition.
Internet Browser	Internet Explorer (IE) Version 7	Microsoft http://www.microsoft.com	N/A	
	Firefox 2.x	Mozilla http://www.mozilla.org	N/A	Note: There are issues running Firefox 3.x with Oracle Transportation Management so the 3.x version will not be supported.
Web3D Viewer	Cortona VRML Client Version 5.1	Parallel Graphics http://www.parallelgraphics.com/products/cortona/	N/A	Cortona is not part of the Oracle Transportation Management Install.

Note: All supporting software is subject to patch level changes.

3. Localization

Language	User Interface	Fax & Email	Reports	Online Help	Error Messages	Documentation	Training Materials	Release Schedule
English	Y	Y	Y	Y	Y	Y	Y	6.0 (except Training) 6.1 (Training materials)
Chinese (Simplified)	Y	Y	Y	N	Y	N	N	6.0.3 delivery 6.0 translation basis
Chinese (Traditional)	Y	Y	Y	N	Y	N	N	6.0.3 delivery 6.0 translation basis
French (Canadian)	Y	Y	Y	N	Y	N	N	6.0.3 delivery 6.0 translation basis
French (European)	Y	Y	Y	N	Y	N	N	6.0.3 delivery 6.0 translation basis
German	Y	Y	Y	N	Y	N	N	6.0.3 delivery 6.0 translation basis
Italian	Y	Y	Y	N	Y	N	N	6.0.3 delivery 6.0 translation basis
Japanese	Y	Y	Y	N	Y	N	N	6.0.3 delivery 6.0 translation basis
Korean	Y	Y	Y	N	Y	N	N	6.0.3 delivery 6.0 translation basis
Portuguese (Brazilian)	Y	Y	Y	N	Y	N	N	6.0.3 delivery 6.0 translation basis
Russian	Y	Y	Y	N	Y	N	N	6.0.3 delivery 6.0 translation basis
Spanish (European)	Y	Y	Y	N	Y	N	N	6.0.3 delivery 6.0 translation basis
Spanish (Latin America)	Y	Y	Y	N	Y	N	N	6.0.3 delivery 6.0 translation basis

Note: Because of the 6.0 technology change for reports, report translations will not be supported until 6.1. Note also that the release schedule refers to the translation of label additions / changes made with 6.0 GA.

4. Oracle Complementary Products

Product Name/ Category	Versions Certified with OTM	Platforms Certified with OTM	OTM Platforms Certified with Vendor Product	Summary Description	Product Website
BPEL Process Manager	Version 10.1.2.x Version 10.1.3.x	All specified on website	All	Infrastructure to create/deploy/ manage BPEL processes. Note: see Section 6. for integration to Oracle Applications	http://www.oracle.com/apps/erver/bpel_home.html
Spatial	Version 11g	All specified on website	All	View geo-maps (Map Related Shipments action)	http://www.oracle.com/technology/products/spatial/index.html
Map Viewer	Version 10.1.3.4	All specified on website	All	View geo-maps (Map Related Shipments action)	http://www.oracle.com/technology/products/mapviewer/index.html
eLocation Service				Free service hosted by Oracle Clients may use Oracle Spatial & Map Viewer or eLocation service	http://elocation.oracle.com/elocation/ajax/
User Productivity Kit		All specified on website	All	Content development	http://www.oracle.com/applications/tutor/user-productivity-kit.html

Note: If you have any questions about a complementary product, please contact Oracle Product Marketing.

5. Vendor Complementary Products

Product Name/Category	Vendor	Versions Certified with OTM	Vendor Platforms Certified with OTM	OTM Platforms Certified with Vendor Product	Summary Description	Vendor Website
PC*Miler Server Requires : PC*Miler-TCP/IP & PC*Miler-Connect Optional add-ons: Canadian Postal Codes & PC*Miler Streets	ALK Technologi es Inc.	Version 22	Windows 2000 / 2003 Also offer AIX, SUN, HP-UX, Linux, Vista, XP	All	External Distance & Service Time Lookup/standard Address validation supported in Oracle Transportation Management	http://www.alk.com/
PC*Miler Worldwide Requires : PC*Miler-TCP/IP & PC*Miler-Connect	ALK Technologi es Inc.	Version 22.1	Windows 2000 / 2003	All	External Distance & Service Time Lookup/standard	http://www.alk.com/
PC*Miler Rail Requires : PC*Miler-TCP/IP & PC*Miler-Connect	ALK Technologi es Inc.	Version 15	Windows 2000 / 2003	All	External Distance & Service Time Lookup/standard	http://www.alk.com/
MileMaker	Rand McNally	Guide 18, 19	Unix (Solaris, AIX, HP, Linux, SCO)	All	External Distance Lookup/standard	http://trucking.randmcnally.com
RateWare Server	SMC3	Version 4.18	Windows 2000 / 2003	All	LTL Tariffs	http://www.smc3.com/
LTL Data Module (typically CzarLite or Canadalite)	SMC3	Provide vendor with data module format, effective date & tariff number; SMC will provide appropriate product & version.	Windows 2000 / 2003	All	LTL Tariffs	http://www.smc3.com/
CarrierConnect	SMC3	Version 3.0		All	LTL Transit Time	http://www.smc3.com/

Product Name/Category	Vendor	Versions Certified with OTM	Vendor Platforms Certified with OTM	OTM Platforms Certified with Vendor Product	Summary Description	Vendor Website
Kewill Flagship	Kewill	Version 3.6	All specified on website	All	Parcel rating & transit time	http://www.kewill.com/
GeoCoder	Latinforce		Windows 2000 / 2003	All	Zip Code Content	www.latinforce.net
GeoAccess	AND		Windows 2000 / 2003	All	Zip Code Content	http://www.and.com/
Pro-zipcode base product with latitude & longitude add-on Canadian & postal codes with latitudes & longitude add-on	GreatData		Windows 2000 / 2003	All	Zip Code Content	http://www.emory.com/progress/index.htm
GFI FaxMaker for Networks/SMTP	GFI	SMTP 14	Windows 2000 / 2003 - Requires POP3 Mailbox	All	Email to fax gateway that sends out fax notifications	http://www.gfi.com/faxmaker/
Acrobat Reader	Adobe	Version 6.0.0 to 9.x	All specified on website	All	View/print PDF documents	http://www.adobe.com/

Note: If you have any questions about a complementary product, please contact Oracle Product Marketing. You can also contact each vendor for pricing information.

6. Integration to Oracle Applications

OTM Version	Oracle Application	Version	Integration Software	Comments
6.0.x	E-Business Suite Order Management (OM), Shipping Execution (WSH), Purchasing (PO), Payables (AP)	R11.5.10 CU2	BPEL 10.1.3.4 / 10.1.3.5	Integrating Oracle Transportation Management with E-Business Suite documentation is available at http://download.oracle.com/docs/cd/B25516_19/current/acrobat/115otmintg.pdf
6.0.x	E-Business Suite OM, WSH, PO, AP	R12.0.x	BPEL 10.1.3.4 / 10.1.3.5	Integrating Oracle Transportation Management with E-Business Suite documentation is available at http://download.oracle.com/docs/cd/B40089_10/current/acrobat/120otmintg.pdf
6.0.x	E-Business Suite OM, WSH, PO, AP, Warehouse Management (WMS), Advanced Planning (APS)	R12.1.x	BPEL 10.1.3.4 / 10.1.3.5	APS - Integrate Oracle Transportation Management Order Release with APS to keep the Latest Estimated Delivery Date in sync for Purchase Order and Internal Requisition/Internal Sales Order
6.0.x	Enterprise 1	9.0	None	Integration with <ul style="list-style-type: none"> • Accounts Payable and Receivable, and Voucher • Purchase Order Management • Sales Order Management Enterprise 1 Integration with Oracle Transportation Management Implementation Guide is available on My Oracle Support Knowledge Document 753973.1.

Note: Certification information is also maintained on My Oracle Support in Knowledge Document 454137.1.

