

# **Oracle® Transportation Management**

Technical Architecture Guide

Release 6.3

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- Is the information clearly presented?
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## 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
12/12	-01	Initial release.
1/13	-02	Adjusted translation basis and delivery release numbers.

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

Platform	Operating System	Comments
Intel x86/AMD	Windows 2008 64-bit Standard Edition R3 / Enterprise Edition R3	
Intel x86/AMD	Oracle 64-bit Oracle Enterprise Linux 6.x	
Intel x86/AMD	Red Hat 64-bit Enterprise Linux 6.x	Supported
Itanium	Hewlett Packard 64-bit HP-UX 11i v3	
POWER5/POWER6	IBM 64-bit AIX 7.1	
SPARC/Intel x86	Sun 64-bit Solaris 11	

**Note:** Oracle Transportation Management is supported under Oracle VM.





## 2. Supporting Software

<b>Tier</b>	<b>Product/Version</b>	<b>Product Website</b>	<b>Platforms certified with Oracle Transportation Management</b>	<b>Comments</b>
Application Server	WebLogic 11g Rel 1 (10.3.6) Standard Edition	Oracle <a href="http://www.oracle.com">http://www.oracle.com</a>	All specified on product website	WebLogic is not part of the Oracle Transportation Management install.
Database Server	11gR2 Enterprise Edition  11.2.0.3 – Certified  11.2.0.2 – Supported  11.2.0.1 – Supported	Oracle <a href="http://www.oracle.com">http://www.oracle.com</a>	All specified on product website	Oracle's Database Server is not part of the Oracle Transportation Management Install.  Real Application Clusters (RAC) supported  It is highly recommended to run OTM with the latest patch set (11.2.0.3).
Web Server	Oracle HTTP Server (OHS) 11g Rel 1	Oracle <a href="http://www.oracle.com">http://www.oracle.com</a>	All specified on product website	Oracle HTTP Server is not part of the Oracle Transportation Management Install.
Web Server	Tomcat 7.x	The Apache Software Foundation <a href="http://www.apache.org/">http://www.apache.org/</a>	All specified on product website	Oracle Transportation Management Install loads Tomcat.
Planning Optimizer	FICO Xpress Optimization Suite 7.3	FICO <a href="http://www.fico.com/en/Products/DMTools/Pages/FICO-Xpress-Optimization-Suite.aspx">http://www.fico.com/en/Products/DMTools/Pages/FICO-Xpress-Optimization-Suite.aspx</a>	All specified on product website	Oracle Transportation Management Install loads FICO Xpress Optimizer

<b>Tier</b>	<b>Product/Version</b>	<b>Product Website</b>	<b>Platforms certified with Oracle Transportation Management</b>	<b>Comments</b>
Reports (BI Publisher)	Oracle Business Intelligence Publisher  Stand-alone – 11gR2(11.1.1.6)  Embedded – 11gR1(10.1.3.4)	Oracle <a href="http://www.oracle.com">http://www.oracle.com</a>	All specified on product website	Oracle Transportation Management Install includes 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.
FTI (Business Intelligence Server)	Oracle Business Intelligence Suite Enterprise Edition Plus 11gR1 (11.1.1.5)	Oracle <a href="http://www.oracle.com">http://www.oracle.com</a>	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.
ETL Server for FTI	Oracle Data Integrator (ODI) 11gR1 (11.1.1.5)	Oracle <a href="http://www.oracle.com">http://www.oracle.com</a>	All specified on product website	Oracle Data Integrator is the data extraction, transformation, and loading tool used by the OTM FTI solution.  ODI is not part of the Oracle Transportation Management Install.
Internet Browser	Internet Explorer (IE) Versions 8 & 9  Version 8.0.6001.18702CO & above	Microsoft <a href="http://www.microsoft.com">http://www.microsoft.com</a>	N/A	
Internet Browser	Firefox 10.0esr	Mozilla <a href="http://www.mozilla.org">http://www.mozilla.org</a>	N/A	
Internet Browser	Safari 5.1 (Desktop)	Apple <a href="http://www.apple.com">http://www.apple.com</a>	N/A	

<b>Tier</b>	<b>Product/Version</b>	<b>Product Website</b>	<b>Platforms certified with Oracle Transportation Management</b>	<b>Comments</b>
Internet Browser	Cortona VRML Client Version 7.0 and later.	Parallel Graphics <a href="http://www.parallelgraphics.com/products/cortona/">http://www.parallelgraphics.com/products/cortona/</a>	N/A	Cortona is not part of the Oracle Transportation Management Install.
Internet Browser	Adobe SVG 3.0.3	Adobe <a href="http://www.adobe.com/svg/viewer/install/">http://www.adobe.com/svg/viewer/install/</a>	N/A	Adobe SVG Viewer is not part of the Oracle Transportation Management install. It is required in order to view Location Capacity graphs.
Mobile Internet Browser	Apple Safari 5.1	Apple <a href="http://www.apple.com">http://www.apple.com</a>		Only OTM Mobile Applications are supported on Mobile devices.
Mobile Internet Browser	Android 4.2	Android <a href="http://www.android.com">http://www.android.com</a>		Only OTM Mobile Applications are supported on Mobile devices.

**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	6.3 (except Training) 6.3+60d (Training materials)
Chinese (Simplified)	Y	Y	Y	N	Y	N	N	6.3.2 delivery 6.3.1 translation basis
Chinese (Traditional)	Y	Y	Y	N	Y	N	N	6.3.2 delivery 6.3.1 translation basis
French (Canadian)	Y	Y	Y	N	Y	N	N	6.3.2 delivery 6.3.1 translation basis
French (European)	Y	Y	Y	N	Y	N	N	6.3.2 delivery 6.3.1 translation basis
German	Y	Y	Y	N	Y	N	N	6.3.2 delivery 6.3.1 translation basis
Italian	Y	Y	Y	N	Y	N	N	6.3.2 delivery 6.3.1 translation basis
Japanese	Y	Y	Y	N	Y	Some	N	6.3.2 delivery 6.3.1 translation basis
Korean	Y	Y	Y	N	Y	N	N	6.3.2 delivery 6.3.1 translation basis

Language	User Interface	Fax & Email	Reports	Online Help	Error Messages	Documentation	Training Materials	Release Schedule
Portuguese (Brazilian)	Y	Y	Y	N	Y	N	N	6.3.2 delivery 6.3.1 translation basis
Russian	Y	Y	Y	N	Y	N	N	6.3.2 delivery 6.3.1 translation basis
Spanish (European)	Y	Y	Y	N	Y	N	N	6.3.2 delivery 6.3.1 translation basis
Spanish (Latin America)	Y	Y	Y	N	Y	N	N	6.3.2 delivery 6.3.1 translation basis
Turkish	Y	Y	Y	N	Y	N	N	6.3.2 delivery 6.3.1 translation basis

**Note:** The release schedule refers to the translation of label additions/changes made with 6.3.

## 4. Oracle Complementary Products

Product Name/ Category	Versions Certified with OTM	Platforms Certified with Oracle Transportation Management	Summary Description	Product Website
Oracle Identity and Access Management Suite Plus	Version 11g (11.1.1.5)	All specified on website	Provides authentication, single sign-on, and identity management	<a href="http://www.oracle.com/us/products/middleware/identity-management/oiam/index.html">http://www.oracle.com/us/products/middleware/identity-management/oiam/index.html</a>
SOA Suite	Version 11g	All specified on website	See below for SOA Suite Product BPEL Process Manager	<a href="http://www.oracle.com/technologies/soa/soa-suite.html">http://www.oracle.com/technologies/soa/soa-suite.html</a>
BPEL Process Manager	Version 10.1.2.x  Version 10.1.3.x	All specified on website	Infrastructure to create/deploy/ manage BPEL processes.  <b>Note:</b> see Section 6 for integration to Oracle Applications	<a href="http://www.oracle.com/appserver/bpel/home.html">http://www.oracle.com/appserver/bpel/home.html</a>
Spatial		All specified on website	View geo-maps (Map Related Shipments action)  Distance Lookup/standard  Address validation supported in Oracle Transportation Management	<a href="http://www.oracle.com/technology/products/spatial/index.html">http://www.oracle.com/technology/products/spatial/index.html</a>
Map Viewer	Version 11.1.1.7	All specified on website	View geo-maps (Map Related Shipments action)	<a href="http://www.oracle.com/technology/products/mapviewer/index.html">http://www.oracle.com/technology/products/mapviewer/index.html</a>
eLocation Service			Free service hosted by Oracle Clients may use Oracle Spatial & Map Viewer or eLocation service	<a href="http://elocation.oracle.com/elocation/ajax/">http://elocation.oracle.com/elocation/ajax/</a>
User Productivity Kit		All specified on website	Content development	<a href="http://www.oracle.com/applications/tutorial/user-productivity-kit.html">http://www.oracle.com/applications/tutorial/user-productivity-kit.html</a>

**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 Oracle Transportation Management	Summary Description	Vendor Website
<b>PC*Miler  WorldWide</b>  <b>PC*Miler Streets</b>  Requires : PC*Miler–TCP/IP & PC*Miler-Connect  Optional add-ons: Canadian Postal Codes PC*Miler Streets	ALK Technologies Inc.	Version 25.1	External Distance & Service Time Lookup/standard for North America and Worldwide including street level lookups and address validation  Address validation supported in Oracle Transportation Management	<a href="http://www.alk.com/">http://www.alk.com/</a>
<b>PC*Miler Rail</b>  Requires : PC*Miler–TCP/IP & PC*Miler-Connect	ALK Technologies Inc.	Version 18.1	External Distance & Service Time Lookup/standard	<a href="http://www.alk.com/">http://www.alk.com/</a>
<b>Unix Resident MileMaker</b>	Rand McNally	Guide 19	External Distance Lookup/standard  Address validation supported in Oracle Transportation Management	<a href="http://trucking.randmcnally.com">http://trucking.randmcnally.com</a>
<b>RateWare XL</b>	SMC3		LTL	<a href="http://www.smc3.com/">http://www.smc3.com/</a>
<b>RateWare Server</b>	SMC3	Version 4.18	LTL Tariffs	<a href="http://www.smc3.com/">http://www.smc3.com/</a>
<b>LTL Data Module (typically CzarLite or Canadalite)</b>	SMC3	Provide vendor with data module format, effective date & tariff number; SMC will provide appropriate product & version.	LTL Tariffs	<a href="http://www.smc3.com/">http://www.smc3.com/</a>
<b>CarrierConnect</b>	SMC3	Version 3.0	LTL Transit Time	<a href="http://www.smc3.com/">http://www.smc3.com/</a>

<b>Product Name/Category</b>	<b>Vendor</b>	<b>Versions Certified with Oracle Transportation Management</b>	<b>Summary Description</b>	<b>Vendor Website</b>
<b>Kewill Flagship</b>	Kewill	Version 5.1	Parcel rating & transit time. For more information, see the Kewill Flagship Parcel Rate Requests Integration Guide.	<a href="http://www.kewill.com/">http://www.kewill.com/</a>
<b>GeoCoder</b>	Latinforce		Zip Code Content	<a href="http://www.latinforce.net">www.latinforce.net</a>
<b>GeoAccess</b>	AND		Zip Code Content	<a href="http://www.and.com/">http://www.and.com/</a>
<b>Pro-zipcode base product with latitude &amp; longitude add-on</b>  <b>Canadian &amp; Mexican postal codes with latitudes &amp; longitude add-on</b>	GreatData		Zip Code Content	<a href="http://www.emory.com/progress/index.htm">http://www.emory.com/progress/index.htm</a>
<b>GFI FaxMaker for Networks/SMTP</b>	GFI	SMTP 14.x	Email to fax gateway that sends out fax notifications	<a href="http://www.gfi.com/faxmaker/">http://www.gfi.com/faxmaker/</a>
<b>Acrobat Reader</b>	Adobe		View/print PDF documents	<a href="http://www.adobe.com/">http://www.adobe.com/</a>

**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	Status	Comments
6.3.x	E-Business Suite Order Management (OM), Shipping Execution (WSH), Purchase Order (PO), Accounts Payable (AP), Warehouse Management (WMS), Advanced Planning (APS)	R12.1.3 and GTM 6.3	BPEL 11g	Certification Target TBD	Integrating Oracle Transportation Management with E-Business Suite documentation is available at <a href="http://download.oracle.com/docs/cd/B53825_05/current/acrobat/121otmintg.pdf">http://download.oracle.com/docs/cd/B53825_05/current/acrobat/121otmintg.pdf</a>
6.3.x	E-Business Suite Order Management (OM), Shipping Execution (WSH), Purchase Order (PO), Accounts Payable (AP)	R11.5.10 CU2	BPEL 10.1.3.4 / 10.1.3.5	Certification Target TBD	Integrating Oracle Transportation Management with E-Business Suite documentation is available at <a href="http://download.oracle.com/docs/cd/B25516_19/current/acrobat/115otmintg.pdf">http://download.oracle.com/docs/cd/B25516_19/current/acrobat/115otmintg.pdf</a>
6.3.x	E-Business Suite International Trade Management (ITM) Adaptor	R12.1.x	None	Certification Target TBD	
6.3.x	Enterprise 1 Sales Order Management, Purchase Order Management, Accounts Payable and Receivable	9.0	None	Certification Target TBD	Enterprise 1 Integration with Oracle Transportation Management Implementation Guide is available on My Oracle Support document 753973.1

