

Oracle® Transportation Management

Technical Architecture

Release 5.5

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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
8/11/09	-10	Following changes are since CU5 <ul style="list-style-type: none">• Supporting Software: Changed Application Server from WebLogic 8.1 SP4 to SP6. Added Internet Browser IE Version 8.0. Updated Firefox from 1.5.x to 2.1• Localization: Updated Release Schedule• Complimentary Products: Added Map&Guide iNet Server versions 14 & 15• Integration to Oracle Applications: Updated certification for CU6• Integration to Oracle Applications: Added link to Enterprise 1 Integration with Oracle Transportation Management Implementation Guide.
9/22/09	-11	Following changes are since CU6: <ul style="list-style-type: none">• Added comment for WebLogic to clarify that prior to CU6, platforms were certified on WL 8.1 SP4.
2/11/10	-12	2. Supporting Software - updated Internet Browser to indicate that IE8 is only supported in IE7 compatibility mode. 6. Integration to Oracle Applications – added link to EBS documentation for 11.5.10
04/15/10	-13	2. Supporting Software – updated Database Server to support 11.2. Updated FTI product to match price list.

1. Hardware (for Application and Web Tiers)

Platform	Operating System	Operating System Version	Oracle Application Server	WebLogic Application Server	WebSphere Application Server
Intel x86 / AMD	Windows 2003	Standard Edition SP2 / Enterprise Edition SP2	Cumulative Update (CU) 3, available May 2007	General Availability (GA)	Not Supported
SPARC II / SPARC III / SPARC IV	Sun	Solaris 9 / 10	CU 3	GA	Not Supported
PA-RISC	Hewlett Packard	HP-UX 11i v2	CU 3	GA	Not Supported
Itanium	Hewlett Packard	HP-UX 11i v2	CU 4, available Q4 2007	Not Supported	Not Supported
POWER3 / POWER4 / POWER5	IBM	AIX 5L (5.3)	CU 4	CU 1, available August 2006	CU 1
Intel x86 / AMD	Red Hat Enterprise Linux	AS 4.x / ES 4.x	CU 2, available December 2006	GA	CU 1
Intel x86 / AMD	Oracle Enterprise Linux	AS 4.x	CU 4	Not Supported	Not Supported

2. Supporting Software

Tier	Product/Version *	Vendor Website	OTM-Compatible Platforms	Comments
Application Server	WebLogic 8.1 SP6 Standard Edition	Oracle http://www.oracle.com	All except Itanium	Clustering of application servers supported with CU 1 Note: Prior to CU6, platforms were certified with WL 8.1 SP4.
	WebSphere 6.x	IBM http://www.ibm.com/us/	IBM AIX Linux	Clustering of application servers will not be supported. Note: OTM will not support running multiple instances of a WebSphere application server on a single machine.
	Oracle Application Server (OAS) 10G Release 3 (10.1.3.3.x)	Oracle http://www.oracle.com	Windows CU 3 Sun CU 3 PA-RISC HP CU 3 Itanium HP CU 4 IBM AIX CU 4 Red Hat Linux CU 2 Oracle Linux CU 4	Clustering of application servers supported with CU 3. Oracle Transportation Management only requires OC4J (the core J2EE runtime component of OAS) and the Oracle Transportation Management Install loads this component.
Database Server	10gR2 (10.2.x.x) 32 bit or 64 bit Enterprise Edition	Oracle http://www.oracle.com	All	Real Application Clusters (RAC) supported with CU 2
	11g (11.1.0.7 & 11.2) 32 bit or 64 bit Enterprise Edition	Oracle http://www.oracle.com	All	RAC will not be supported with CU 5. RAC is targeted for support with the 6.0 release.

* All supporting software is subject to patch level changes. For pricing, refer to the third party pricing document.

Tier	Product/Version *	Vendor Website	OTM-Compatible Platforms	Comments
Web Server	Apache 2.0.x / Tomcat 5.5.x	The Apache Software Foundation http://www.apache.org/	All	
Reports Server	Internet Application Server Enterprise Edition 10G Release 2 (10.1.2.0.2) and Internet Developer Suite 10.1.2.0.2	Oracle http://www.oracle.com	All	Although Oracle Reports is not required, many features and capabilities have been developed around Oracle Reports, it would be extremely limiting to a client to decouple Oracle Reports.
Business Intelligence Server	Oracle Business Intelligence Suite Enterprise Edition Plus 10.1.3.3	Oracle http://www.oracle.com	All	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 6.x Version 7 Version 8.0.6001.18702CO & above	Microsoft http://www.microsoft.com		IE 6.x does not support Dock Door functionality. IE 8.x is only supported in IE7 compatibility mode.
	Firefox 2.x	Mozilla http://www.mozilla.org		

* 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	CU6 (except Training) CU 1 (Training materials)
Chinese (Simplified)	Y	Y	N	N	N	N	N	CU 5 translation basis
Chinese (Traditional)	Y	Y	N	N	N	N	N	CU 5 translation basis
French (Canadian)	Y	Y	Y	N	N	N	N	CU 5 translation basis
French (European)	Y	Y	Y	N	N	N	N	CU 5 translation basis
German	Y	Y	Y	N	N	N	N	CU 5 translation basis
Italian	Y	Y	Y	N	N	N	N	CU 5 translation basis
Japanese	Y	Y	N	N	N	N	N	CU 5 translation basis
Korean	Y	Y	N	N	N	N	N	CU 5 translation basis
Portuguese (Brazilian)	Y	Y	Y	N	N	N	N	CU 5 translation basis
Russian	Y	Y	N	N	N	N	N	CU 5 translation basis
Spanish (European)	Y	Y	Y	N	N	N	N	CU 5 translation basis
Spanish (Latin America)	Y	Y	Y	N	N	N	N	CU 5 translation basis

4. Complementary Products

Vendor	Product Name/ Category	Versions Certified with OTM	Vendor Platforms Certified with OTM	OTM Platforms Certified with Vendor Product	Summary Description	Vendor Website
PTV	Map&Guide iNET Server integration for transport solutions	Version 13, 14, 15	Windows 2000 / 2003	All	External Distance & Service Time Lookup/ standard	http://www.mapandguide.com/
ALK Technologies Inc.	PC*Miler Worldwide Canadian Postal Codes Add On is optional	Version 14, 15, 16.1, 17, 18, 19, 20, 21	Windows 2000 / 2003	All	External Distance & Service Time Lookup/standa rd	http://www.alk.com/
Rand McNally	UNIX Resident MileMaker	Guide 18, 19	Unix (Solaris, AIX, HP, Linux, SCO)	All	External Distance Lookup/ standard	http://trucking.randmcnally.com
Rand McNally	IntelliRoute Express Server (Solaris)	Guide 18, 19	Solaris	All	External Distance Lookup/ standard	http://trucking.randmcnally.com
Rand McNally	Deluxe Express Server Windows	Guide 18, 19	Windows 2000 / 2003	All	External Distance Lookup/ standard	http://trucking.randmcnally.com
SMC3	RateWare Server	Version 1.2.334	Windows 2000 / 2003	All	LTL Tariffs	http://www.smc3.com/

Vendor	Product Name/ Category	Versions Certified with OTM	Vendor Platforms Certified with OTM	OTM Platforms Certified with Vendor Product	Summary Description	Vendor Website
SMC3	LTL Data Module (typically CzarLite or Canadalite)	Provide vendor with data module format, effective date and tariff number; SMC will provide appropriate product & version	Windows 2000 / 2003	All	LTL Tariffs	http://www.smc3.com/
Latinforce	GeoCoder		Windows 2000 / 2003	All	Zip Code Content	www.Latinforce.net
AND	GeoAccess		Windows 2000 / 2003	All	Zip Code Content	http://www.and.com/
GreatData	Pro-zipcode base product with latitude & longitude add-on Canadian & Mexican postal codes with latitudes & longitude add-on.		Windows 2000 / 2003	All	Zip Code Content	http://www.emory.com/progress/ index.htm
GFI	GFI FaxMaker for Networks/ SMTP	SMTP 12	Windows 2000 / 2003 - Requires POP3 Mailbox	All	Email to fax gateway that sends out fax notifications	http://www.gfi.com/faxmaker/

Vendor	Product Name/ Category	Versions Certified with OTM	Vendor Platforms Certified with OTM	OTM Platforms Certified with Vendor Product	Summary Description	Vendor Website
Oracle	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 5. for integration to Oracle Applications	http://www.oracle.com
Oracle	Sensor Edge Server	Oracle Application Server (OAS) 10G Release 3 (10.1.3)	All specified on website	All	Extend enterprise software with RFID and sensor technology	http://www.oracle.com
Parallel Graphics	Cortona VRML Client	Version 5.1	Internet Explorer (IE) & Firefox	All	Web3D Viewer	http://www.parallelgraphics.com/ products/cortona/
Adobe	Acrobat Reader	Version 6.0.0 to 9.x	All specified on website	All	View/print pdf documents	http://www.adobe.com/

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

5. Integration to Oracle Applications

Oracle Transportation Management Version	Oracle Application	Version	Integration Software	Status	Comments
5.5 CU1	E-Business Suite	R11.5.10 CU 2	BPEL 10.1.2.0.2	Certified	Integrate with Order Management, Shipping Execution, Payables, Purchasing
5.5 CU2	E-Business Suite	R11.5.10 CU 2 R12.0 with patch # 5978089 & 5958013	BPEL 10.1.2.0.2 BPEL 10.1.2.0.2	Certified Certified	Integrate with Order Management, Shipping Execution, Payables, Purchasing
5.5 CU3	E-Business Suite	R11.5.10 CU 2 R12.0 RU 2 R12.0 RU 3	BPEL 10.1.2.0.2 BPEL 10.1.3.3 BPEL 10.1.2.0.2 BPEL 10.1.3.3	Certified Certified Certified	Integrate with Order Management, Shipping Execution, Payables, Purchasing
5.5 CU4	Enterprise 1	8.11.1 8.12	None	Certified	Integration with: <ul style="list-style-type: none"> • Accounts Payable and Receivable, and Voucher • Purchase Order Management • Sales Order Management
R5.5 CU 4	E-Business Suite E-Business Suite Advanced Planning (APS)	R11.5.10 CU 2 R12.0 RU 4 R12.1 CU1	BPEL 10.1.3.3 BPEL 10.1.3.4 BPEL 10.1.3.3 BPEL 10.1.3.3	Certified Certified Certified	Integrate with Shipping Execution, Payables, Purchasing Integrate Oracle Transportation Management Order Release with Advanced Planning to keep the Latest Estimated Delivery Date in sync for Purchase Order and Internal Requisition/Internal Sales Order

Oracle Transportation Management Version	Oracle Application	Version	Integration Software	Status	Comments
R5.5 CU 5	E-Business Suite	R11.5.10 CU 2	BPEL 10.1.3.3 BPEL 10.1.3.4	Certified Supported (not certified)	Integrate with Shipping Execution, Payables, Purchasing
		R12.0 RU 6	BPEL 10.1.3.3	Certified	Integrate with Shipping Execution, Payables, Purchasing & WMS.
		R12.1.1	BPEL 10.1.3.3	Certified	
	E-Business Suite APS	R12.1 CU1	BPEL 10.1.3.3	Supported (not certified)	Integrate Oracle Transportation Management Order Release with Advanced Planning to keep the Latest Estimated Delivery Date in sync for Purchase Order and Internal Requisition/Internal Sales Order Integrating Oracle Transportation Management with E-Business Suite documentation is available at http://download.oracle.com/docs/cd/B40089_10/current/acrobat/120otmintg.pdf
R5.5 CU 5	Enterprise 1	8.11.1 8.12 9.0	None	Supported (not certified)	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 Metalink Note 753973.1

Oracle Transportation Management Version	Oracle Application	Version	Integration Software	Status	Comments
R5.5 CU 6	E-Business Suite	R11.5.10 CU 2	BPEL 10.1.3.3 BPEL 10.1.3.4	Supported (not certified)	Integrate with Shipping Execution, Payables, Purchasing
		R12.0 RU 6	BPEL 10.1.3.3	Supported (not certified)	Integrate with Shipping Execution, Payables, Purchasing & WMS.
	E-Business Suite APS	R12.1 CU1	BPEL 10.1.3.3	Supported (not certified)	Integrate Oracle Transportation Management Order Release with Advanced Planning to keep the Latest Estimated Delivery Date in sync for Purchase Order and Internal Requisition/Internal Sales Order Integrating Oracle Transportation Management with E-Business Suite documentation is available at http://download.oracle.com/docs/cd/B25516_19/current/acrobat/115otmintg.pdf & http://download.oracle.com/docs/cd/B40089_10/current/acrobat/120otmintg.pdf
R5.5 CU 6	Enterprise 1	8.11.1 8.12 9.0	None	Supported (not certified)	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 Metalink Note 753973,1.

