

# **Oracle® Transportation Management**

Technical Architecture Guide

Release 6.5.3

Part No. F82881-02

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Oracle® Transportation Management Technical Architecture Guide, Release 6.5.3

Part No. F82881-02

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- Did you find any errors?
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# Preface

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



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

Operating System	Platform	Comments
Oracle 64-bit Oracle Enterprise Linux 7.x, 8.x	Intel x86/AMD	
Red Hat 64-bit Enterprise Linux 7.x, 8.x	Intel x86/AMD	Oracle products certified on Oracle Linux are also certified and supported on Red Hat Enterprise Linux due to implicit compatibility between both distributions. Oracle does not run any additional testing on Red Hat Enterprise Linux products.  For additional information on Linux Operating System support refer to My Oracle Note <a href="#">266043.1</a> .

### Virtualization Software

Platform	Version	Comments
Oracle VM Server for x86	3.x	

**Note:** Oracle Transportation and Global Trade Management is supported, but not certified on other VM technologies. See My Oracle Support note [804223.1](#) for more information.



## 2. Supporting Software

Tier	Product/Version	Product Website	Comments
Application Server	WebLogic 12c (12.2.1.4.x <sup>1</sup> ) Standard Edition	Oracle <a href="https://www.oracle.com">https://www.oracle.com</a>	WebLogic is not part of the Oracle Transportation and Global Trade Management install.  <sup>1</sup> Please refer to <a href="#">2813617.1 for important installation information.</a>
Application Server	Java 8	Oracle <a href="https://www.oracle.com">https://www.oracle.com</a>	Oracle Transportation and Global Trade Management Install loads Java.
Database Server	19C	Oracle <a href="https://www.oracle.com">https://www.oracle.com</a>	Oracle's Database Server is not part of the Oracle Transportation and Global Trade Management Install.  Real Application Clusters (RAC) supported
Web Server	Oracle HTTP Server (OHS) 12.2.1.4.x	Oracle <a href="https://www.oracle.com">https://www.oracle.com</a>	Oracle HTTP Server is not part of the Oracle Transportation and Global Trade Management Install.
Planning Optimizer	FICO Xpress Optimization Suite 8.14	FICO <a href="https://www.fico.com/en/products/fico-xpress-optimization#overview">https://www.fico.com/en/products/fico-xpress-optimization#overview</a>	Oracle Transportation and Global Trade Management Install loads FICO Xpress Optimizer.
Reports (Analytics Publisher)	Oracle Analytics Publisher (OAP) 7.0	Oracle <a href="https://www.oracle.com">https://www.oracle.com</a>	Oracle Transportation and Global Trade Management Install includes a restricted use license of Oracle Analytics Publisher. The restricted use license provides the ability to publish and/or view shipped Oracle Analytics 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.
TI and GTI (Business Intelligence Server)	Oracle Analytics Server (OAS) 7.0	Oracle <a href="https://www.oracle.com">https://www.oracle.com</a>	Oracle Analytics Server (OAS) is not part of the Oracle Transportation and Global Trade Management Install.  Transportation Intelligence (TI) and Global Trade Intelligence (GTI) can only be run on a server certified to run on Oracle Analytics Server.

Tier	Product/Version	Product Website	Comments
ETL Server for TI and GTI	Oracle Data Integrator (ODI) 12c (12.2.1.4.x)	Oracle <a href="https://www.oracle.com">https://www.oracle.com</a>	Oracle Data Integrator is the data extraction, transformation, and loading tool used by the Oracle Transportation and Global Trade Management TI and GTI solutions.  ODI is not part of the Oracle Transportation and Global Trade Management Install.
Internet Browser	Edge 114	Microsoft <a href="https://www.microsoft.com">https://www.microsoft.com</a>	
Internet Browser	Firefox ESR 102	Mozilla <a href="https://www.mozilla.org">https://www.mozilla.org</a>	
Internet Browser	Google Chrome version 114 <sup>1,2</sup>	Google <a href="https://www.google.com/chrome/">https://www.google.com/chrome/</a>	<sup>1</sup> Oracle Transportation and Global Trade Management is certified with the latest version of Chrome available at the time of release, version 93. Because of Chrome's policy of automatically updating itself whenever a new release is available, issues that occur in newer versions of the browser that were not present in the certified version may require the use of an alternate browser until some future, scheduled Oracle Transportation and Global Trade Management release, when Oracle Transportation and Global Trade Management can once again certify against the latest Chrome browser version. <sup>2</sup> Oracle Spatial map Tool Bar does not appear correctly when zoom is 100%.
Internet Browser	Safari 16.4 (Mac OS)	Apple <a href="https://www.apple.com/">https://www.apple.com/</a>	

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

**Note:** Previous versions of Oracle Transportation and Global Trade Management have used Cortona 3Dviewer to access certain features inside of Oracle Transportation and Global Trade Management. The Cortona 3Dviewer plugin is no longer used in Oracle Transportation and Global Trade Management and can be safely removed from your browser if it is not needed by other applications.

### 3. Localization

#### Transportation and Global Trade Management

<b>Language</b>	<b>User Interface</b>	<b>Email</b>	<b>Fax</b>	<b>Reports</b>	<b>Online Help</b>	<b>Error Messages</b>	<b>Documentation</b>	<b>Training Materials</b>
<b>English</b>	Y	Y	Y	Y	Y	Y	Y	Y
<b>Chinese (Simplified)</b>	Y	Y	N	Y	N	Y	N	N
<b>Chinese (Traditional)</b>	Y	Y	N	Y	N	Y	N	N
<b>French (Canadian)</b>	Y	Y	N	Y	N	Y	N	N
<b>French (European)</b>	Y	Y	N	Y	N	Y	N	N
<b>German</b>	Y	Y	N	Y	N	Y	N	N
<b>Italian</b>	Y	Y	N	Y	N	Y	N	N
<b>Japanese</b>	Y	Y	N	Y	N	Y	N	N
<b>Korean</b>	Y	Y	N	Y	N	Y	N	N
<b>Polish</b>	Y	Y	N	Y	N	Y	N	N
<b>Portuguese (Brazilian)</b>	Y	Y	N	Y	N	Y	N	N
<b>Russian</b>	Y	Y	N	Y	N	Y	N	N
<b>Spanish (Worldwide)</b>	Y	Y	N	Y	N	Y	N	N
<b>Thai</b>	Y	Y	N	Y	N	Y	N	N
<b>Turkish</b>	Y	Y	N	Y	N	Y	N	N

**Note 1:** Translation strings reflecting 6.5.3 changes will be provided in a patch after General Availability.

**Note 2:** Transportation Intelligence dashboards and dashboard reports are not translated.

## 4. Oracle Complementary Products

Product Name/ Category	Versions Certified with Oracle Transportation and Global Trade Management	Summary Description	Product Website
<b>Oracle Maps Cloud</b>	Oracle eolocation Oracle Maps	Map actions and Workbench	<a href="https://www.oracle.com/database/technologies/spatialandgraph.html">https://www.oracle.com/database/technologies/spatialandgraph.html</a>
<b>Oracle Webcenter Content (WCC)</b>	12c (12.2.1.4.0)		<a href="https://www.oracle.com/content-management/webcenter-content/">https://www.oracle.com/content-management/webcenter-content/</a>
<b>SOA Suite</b>	Version 12c		<a href="https://www.oracle.com/middleware/technologies/soasuite.html">https://www.oracle.com/middleware/technologies/soasuite.html</a>
<b>Spatial</b>		Distance Lookup/standard  Address validation supported in Oracle Transportation and Global Trade Management	<a href="https://www.oracle.com/database/technologies/spatialandgraph.html">https://www.oracle.com/database/technologies/spatialandgraph.html</a>

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



## 5. Vendor Complementary Products

<b>Product Name/Category</b>	<b>Vendor</b>	<b>Versions Certified with Oracle Transportation and Global Trade Management</b>	<b>Summary Description</b>	<b>Vendor Website</b>
<b>ALK Maps</b>	Trimble MAPS		Mapping	<a href="https://developer.trimblemaps.com/">https://developer.trimblemaps.com/</a>
<b>Acrobat Reader</b>	Adobe		View/print PDF documents	<a href="https://www.adobe.com/">https://www.adobe.com/</a>
<b>CarrierConnect Web Services</b>	SMC <sup>3</sup>		LTL Transit Time (supported via the RateWare XL call)	<a href="https://www.smc3.com/">https://www.smc3.com/</a>
<b>Location Based Services Platform</b>	HERE	Version 8 (Routing), Version 7 (Geocoding)	External Distance & Service Time Lookup, Location Geocoding, Mapping	<a href="https://www.here.com/strategic-partners/oracle">https://www.here.com/strategic-partners/oracle</a>
<b>PC*Miler Web Services</b>	Trimble MAPS		External Distance & Service Time Lookup/standard	<a href="https://maps.trimble.com/">https://maps.trimble.com/</a>
<b>PC*Miler Rail Web Services</b>	Trimble MAPS		External Distance Lookup/standard	<a href="https://maps.trimble.com/">https://maps.trimble.com/</a>
<b>RateWare XL</b>	SMC <sup>3</sup>		LTL Tariffs	<a href="https://www.smc3.com/">https://www.smc3.com/</a>

**Note:** Please contact the vendor for pricing and details.



## 6. Integration to Oracle Applications

For information on how Oracle Transportation and Global Trade Management integrates with other Oracle applications, see the Integrations tab on [My Oracle Support Note 2174060.1](#).

