IBM TRIRIGA Application Platform 3.3.2 Compatibility Matrix

The information in this IBM TRIRIGA Application Platform 3.3.2 Compatibility Matrix is current as of August 18, 2015. The IBM TRIRIGA Application Platform Compatibility Matrix provides a list of application servers, database servers, web servers, third party servers, third party components and operating systems (collectively "Environments") with which the IBM TRIRIGA Application Platform is currently certified as of the date hereof. New implementations are advised to install the most current versions of the supported third party software. If you are on an IBM TRIRIGA Application Platform version where a required third party product is not currently supported, you will need to upgrade to a more current IBM TRIRIGA Application Platform release in order to be in compliance with the supported Environments. This document is not a contract. This document, all information contained herein, and IBM's products and services are subject to change at any time with or without notice in IBM's sole and absolute discretion. Without limiting the foregoing, IBM reserves the right to change its support policies and to certify its IBM TRIRIGA Application Platform on new or different Environments and to de-certify its platform on any Environments. The information contained in this document does not affect or change IBM product specifications or warranties. Nothing in this document shall operate as an express or implied license or indemnity under the intellectual property rights of IBM or third parties. THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROVIDED ON AN "AS IS" BASIS. In no event will IBM be liable for damages arising directly or indirectly from any use of the information contained in this document or from any changes to the information contained in this document.

For a complete list of supported versions of the IBM TRIRIGA Application Platform and IBM TRIRIGA Applications, see IBM developerWorks.

IBM TRIRIGA Application Platform Fix Packs

	Version	Notes
IBM TRIRIGA Application Platform fix pack	3.3.2.4	IBM TRIRIGA Application Platform fix packs are available for download on IBM Fix Central. Fix packs are cumulative. Apply the most current fix pack to address known defects and vulnerabilities. For more information, see the fix pack read me.

IBM TRIRIGA Application Version

	Version	Notes
IBM TRIRIGA applications	10.3.2, 10.3.1, 10.3, 10.2	Language packs for the following languages are available for IBM TRIRIGA 10.3.2: Brazilian Portuguese, British English, Czech, Danish, Dutch, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Russian, Simplified Chinese, Spanish, Swedish, and Traditional Chinese.

Application Server Compatibility

The Application Server and Database Server must be in the same physical location. The minimum network speed required is Fast Ethernet (100 Mbps), switched. The number of hops between the Application Server and Database Server should be minimized. IBM TRIRIGA Application Platform supports these application servers. For support of third party application servers, contact the vendor directly. The IBM TRIRIGA Application Platform does not support clustered installations.

Application Server Options	Version	Notes
JBoss	5.1.0, 5.1.0 EAP	Oracle Java JDK 1.6.0_45 is certified. IBM TRIRIGA Application Platform is removing support of JBoss 5.1 Community for production use in our next platform release, but will still allow JBoss 5.1 Community to be installed. For more information, see developerWorks.
WebLogic Server	12c (version 12.1.2.0.0), 11 Rel 1 (version 10.3.6)	
IBM WebSphere Application Server	8.5.5.1, 8.0.0.8, 7.0.0.31	IBM WebSphere SDK Java Technology Edition V7.0.2.0 or higher is required for WebSphere Application Server 8.5.5.1. IBM WebSphere SDK Java Technology should match the current fix pack version of the IBM WebSphere Application Server running. Future fix packs are also supported. Also supported on Network Deployment.

IBM TRIRIGA CAD Integrator / Publisher

	Version	Notes
IBM TRIRIGA CAD Integrator / Publisher	12.0.2.1	Also compatible with IBM TRIRIGA Application Platform 3.3.1.3. Installation requires administrator access and a 64-bit JVM to install. 64-bit operating system is recommended. Support of 32-bit operating is being removed in the next major IBM TRIRIGA Application Platform release in 2015.

IBM TRIRIGA Application Platform 3.3.2
Database/Web Server/Third Party Server Compatibility

IBM TRIRIGA Application Platform supports the connection to these third party systems.
For support of the third party itself, contact the vendor directly.

		Version	Notes
Database Servers	Oracle (Enterprise & Standard)	11.2.0.4.0, 11.2.0.3.0	IBM TRIRIGA Application Platform is compatible with any operating system in our Application Server Operating Systems list that the vendor also supports. The Application Server Operating Systems list is below on this page. Microsoft SQL Server requires JDBCDriver JTDS 1.2.8.
	Microsoft SQL Server	2012 SP1, 2008 R2 SP2	
Web Servers	Apache HTTP Server	2.2	Compatible with this server on any operating system that the Web Server vendor supports.
	Microsoft IIS	8.5, 8, 7	
	IBM HTTP Server	8.5.5, 7.0	
Third Party Components	Brava Enterprise Viewer	5.5j	
	Microsoft Exchange Server	2010, 2007	IBM TRIRIGA Workplace Reservation Manager requires Exchange Server 2010 SP2 or Exchange Server 2007 SP3. Required for Incoming Mail Agent Support.
	Microsoft Office 365 for Enterprise		
	Pentaho Kettle	3.1.0-826	
	SAP BusinessObjects Enterprise XI	4.0	Only certified when run on Windows and Linux operating systems.
	SAP Crystal Server	2011	
Application Server Operating Systems	AIX	7.1, 6.1	IBM TRIRIGA Application Platform is compatible with the operating systems listed to the left and provides the necessary installers for each. Also note the test floor configurations used for this release in the chart at the end of this matrix. Only WebSphere is supported on zLinux. Only 64-bit operating systems are supported. Microsoft Windows Server requires English locale.
	Linux, zLinux	Red Hat Enterprise Linux (6, 5), SUSE Linux Enterprise Server (11, 10)	
	Solaris SPARC	11	
	Solaris Intel x86	11	
	Windows Server	2012 R2, 2008 R2 SP1 (64-bit)	
Virtualization Technologies	VMware ESXi Server	5.1	IBM TRIRIGA Application Platform is tested on the versions listed, but supports any versions that are compatible with the Application Server Operating Systems that IBM TRIRIGA supports.
	KVM	Qemu-kvm (Kernel 2.6.32)	
	Hyper - V	Server 2012	

IBM TRIRIGA Workplace Reservation Manager Outlook

	Version	Notes
Outlook 2010	1.2	IBM TRIRIGA Workplace Reservation Manager Add-in integration with Outlook 2010 requires the following prerequisite software: ▪ Microsoft .NET Framework 4 Client Profile (x86 or x64) ▪ Microsoft Visual Studio 2010 Tools for Office Runtime (x86 or x64) The prerequisite software can be downloaded from the Microsoft Download Center web site http://www.microsoft.com/en-us/download/default.aspx For more information, see *Integrating IBM TRIRIGA with Microsoft Exchange* in the IBM TRIRIGA 10 Information Center.
Outlook 2007	1.2	IBM TRIRIGA Workplace Reservation Manager Add-in integration with Outlook 2007 requires the following prerequisite software: ▪ Microsoft .NET Framework 4 Client Profile ▪ Microsoft Office 2007 Primary Interop Assemblies ▪ Microsoft Visual Studio 2010 Tools for Office Runtime (x86) – for Windows 32-bit ▪ Microsoft Visual Studio 2010 Tools for Office Runtime (x64) – for Windows 64-bit The prerequisite software can be downloaded from the Microsoft Download Center web site http://www.microsoft.com/en-us/download/default.aspx For more information, see *Integrating IBM TRIRIGA with Microsoft Exchange* in the IBM TRIRIGA 10 Information Center.

IBM TRIRIGA Application Platform 3.3.2 Connectors

IBM TRIRIGA supports the connection to these third party systems. For support of the third party itself, contact the vendor directly.

	Version	Notes
ArcGIS	Version 10	Base maps are configurable in the config.xml file from the Resource File object associated to the ArcGIS ClassLoader connector. ArcGIS supports custom shape files that are tied to IBM TRIRIGA Geography records. IBM TRIRIGA ships with shape files for State and Country. The ArcGIS online version is subject to change by the vendor. The ArcGIS Online Services Life Cycle Support Status can be found here: http://downloads2.esri.com/support/product%20life%20cycle/online_gis/ArcGISOnlineServ_PLC.pdf
ENERGY STAR Portfolio Manager	Version 1.11.1	The ENERGY STAR Portfolio Manager Web Services API is used for the IBM TRIRIGA Connector for Energy Star Benchmarking. ENERGY STAR Portfolio Manager Web Services release notes can be found at the following URL. http://portfoliomanager.energystar.gov/webservices/home/releaseNotes/test

IBM TRIRIGA Application Platform 3.3.2 SSO Compatibility

		Notes
Single Sign On	HTTP Header	IBM TRIRIGA is compatible with Single Sign On (SSO) when SSO has been configured properly. After TRIRIGA properties are enabled for SSO, TRIRIGA authentication trusts tokens that are provided by properly configured Application Servers with SSO. TRIRIGA Support can assist with configuring TRIRIGA properties for SSO but, due to the number of possible configurations and supported products/technologies, TRIRIGA Support cannot assist in the configuration of SSO with application servers. For more information refer to Requirements for single sign-on requests in the TRIRIGA Application Platform.
	Remote User	
	User Principal	

IBM TRIRIGA Application Platform 3.3.2 Client Compatibility

Third Party Components	Supported Version	Notes
Oracle JRE	8 Update 45, 7 Update 80	Future Java updates may generally be compatible. In some cases Java changes may require a platform fix pack upgrade to be supported.
Adobe Flash Player	11	
Adobe SVG Viewer	3.03	For use with Internet Explorer only. Other browsers use their own SVG engines. IBM TRIRIGA includes an alternate supported Java SVG viewer that can be used for end-user functionality, but which is not well suited for design-time work and not supported for working on very large workflows. Use the Adobe SVG Viewer Plug-In for design-time work.
Microsoft Excel	2010, 2007	Excel is required if you use IBM TRIRIGA Offline forms or Excel sections.
Microsoft Project	2010, 2007	
Microsoft Web Components	OWC11	Required for client machines running Excel 2007 or 2010 for Excel Sections. Excel sections will be replaced in a future release.
Microsoft Internet Explorer	10, 9, 8	32-bit version only. Builder and Administrative tools are only supported on Internet Explorer 8 and 9. See the 3.3.2 Release Notes for known issues and limitations. In the next release, Microsoft Internet Explorer 8 support is targeted to be replaced with Microsoft Internet Explorer 11 support.
Mozilla Firefox	ESR 24, ESR 17	Only End User Functionality is supported. See the 3.3.2 Release Notes for known issues and limitations. Firefox is only supported on Windows 7 and 8 operating systems.
Google Chrome	31	Only End User Functionality is supported. See the 3.3.2 Release Notes for known issues and limitations. Chrome is only supported on Windows 7 and 8 operating systems and OS X 10.8. In Chrome Update 45, all NPAPI plugin support will be removed, including overrides. This change will prevent all Java Applets from rendering in TRIRIGA Application Platform when using Chrome. Applets can continue to be used on other supported browsers.
Apple Safari	6.0.5	Only End User Functionality is supported. See the 3.3.2 Release Notes for known issues and limitations. Safari is only supported on OS X 10.8.
Microsoft Windows	8, 7	Recommended minimum hardware configuration: ■ 2GHz CPU ■ 2GB RAM ■ 100Mbps NIC ■ 75 GB hard drive ■ 1024x768 minimum 1280x1024 recommended resolution
Macintosh OS X	10.8 (Mountain Lion)	Only End User Functionality accessed by Chrome or Safari is supported. CAD Integrator and the Workplace Reservation Manager Outlook Add-in are not supported.
Autodesk AutoCAD	2014, 2013, 2012	2GB RAM recommended. AutoCAD 2013 requires SP2. AutoCAD 2012 requires SP2. AutoCAD on 64-bit operating systems requires a 64-bit JRE and a 32-bit JRE on 32-bit operating systems.
Autodesk AutoCAD Architecture	2014, 2013, 2012	2GB RAM recommended. AutoCAD Architecture 2013 requires SP1. AutoCAD Architecture 2012 requires SP2. AutoCAD on 64-bit operating systems require a 64-bit JRE and on 32-bit operating systems require a 32-bit JRE.
Bentley MicroStation	V8i 8.11.09 V8i 8.11.07	2GB RAM recommended. All operating systems require a 32-bit JRE and Microsoft .Net 3.5 SP1. 64-bit operating systems require both a 32-bit JRE and a 64-bit JRE. Not supported on Windows 8 operating systems.
Microsoft Silverlight	5.1	Silverlight is only required to view Web Graphics with Internet Explorer. Firefox, Chrome, and Safari use the browser's native SVG engine.
JAWS	14	Only End User Functionality is supported. See the 3.3.2 Release Notes for known issues and limitations.

IBM TRIRIGA Application Platform 3.3.2 Test Floor Configurations

The following operating system and application server configurations were used in IBM TRIRIGA Application Platform 3.3.2 certification efforts.

	Version	Operating Systems				
		Windows Server 2008 R2 SP1	SUSE Enterprise Linux Server	Red Hat Enterprise Linux	Solaris 11	AIX 7.1
JBoss (JDK 1.6 Update 45)	5.1.0, 5.1.0 EAP	✓	✓	✓	✓	
WebLogic	12c, 11			✓	✓	
WebSphere Application Server	8.5.5, 8.0, 7.0			✓		✓