

IBM TRIRIGA Application Platform 3.4.2 Compatibility Matrix

The information in this IBM TRIRIGA Application Platform 3.4.2 Compatibility Matrix is current as of March 30, 2016. 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	3.4.2.1	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 readme file.

IBM TRIRIGA Application Version

	Version	Notes
IBM TRIRIGA applications	10.4.2, 10.4.1, 10.4, 10.3.2, 10.3.1, 10.3, 10.2	Language packs for the following languages are available for IBM TRIRIGA 10.4.2: Arabic, Brazilian Portuguese, British English, Czech, Danish, Dutch, Finnish, French, German, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, and US English.

Application Server and Database 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. For support of third party application servers, contact the vendor directly. The IBM TRIRIGA Application Platform installer requires Java 7 and a 64-bit JDK for installation.

Application Server and Database Options	Version	Notes
IBM WebSphere Application Server Liberty profile	8.5.5.5	Oracle Java SE 7 Update 80 or IBM SDK Java 7.1.2.10 recommended. The IBM TRIRIGA Application Platform is bundled with IBM WebSphere Application Server Liberty Profile version 8.5.5.5. Future fix packs for this version are also supported and can be applied independently.
IBM WebSphere Application Server	8.5.5.5	IBM WebSphere SDK Java Technology Edition V7.0.8.10 or higher is required. Future fix packs are also supported. Network Deployment is supported.
WebLogic Server	12c (12.1.3)	Oracle Sun Java recommended. JRockit is not supported.
IBM DB2 Workgroup Server Edition for Linux, UNIX, and Windows.	10.5.0.4	Only supported when IBM DB2 is run on Red Hat Enterprise Linux, SUSE Linux Enterprise Server, and Windows Server 2012 R2. Also supported on Advanced Workgroup and Enterprise Server Editions.
Oracle (Enterprise & Standard)	12.1.0.2, 11.2.0.4.0	IBM TRIRIGA Application Platform is compatible with any operating system in our Application Server Operating Systems list that the vendor also supports. Microsoft SQL Server requires JDBCdriver JTDS 1.3.1. Oracle 12c is only supported when run as a single instance.
Microsoft SQL Server	2014, 2012	
Application Server Operating Systems	AIX 7.1	IBM TRIRIGA Application Platform is compatible with the operating systems listed to the left and provides the necessary installers for each. zLinux is also supported but only when running IBM WebSphere Application Server or IBM WebSphere Application Server Liberty profile. Only 64-bit operating systems are supported.
	Red Hat Enterprise Linux (7,6), SUSE Linux Enterprise Server (12,11)	
	Windows Server 2012 R2	

IBM TRIRIGA CAD Integrator / Publisher

	Version	Notes
IBM TRIRIGA CAD Integrator / Publisher	12.1.2	Installation requires full administrator access. 64-bit operating system is required. Oracle Java 7 update 80 or Java 8 update 45 recommended. Future Oracle Java updates are supported but may require a fix pack.
Autodesk AutoCAD, Autodesk AutoCAD Architecture	2015 SP1, 2014, 2013 SP2	8 GB RAM recommended. AutoCAD requires a 64-bit JRE. Not supported on Windows 10.
Bentley MicroStation	V8i 8.11.09, V8i 8.11.07	8 GB RAM recommended. All operating systems require both a 32-bit JRE and a 64-bit JRE, and Microsoft .Net 3.5 SP1. Not supported on Windows 10.

IBM TRIRIGA Connector for BIM

	Version	Notes
IBM TRIRIGA Connector for BIM	1.1	IBM TRIRIGA Application Platform Fix Pack 3.4.2.1 is required. See the 3.4.2.1 Release Notes for known limitations for the IBM TRIRIGA Connector for BIM. IBM TRIRIGA Connector for BIM requires Java 7 64-bit JRE for installation.
Autodesk Revit, Autodesk Revit Architecture	2015, 2014	

IBM Tivoli Directory Integrator

	Version	Notes
IBM Tivoli Directory Integrator	7.1.1	See IBM.com for more information on IBM Tivoli Directory Integrator 7.1.1. The IBM Tivoli Directory Integrator installer must be set to Windows 7 compatibility mode to install properly.

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. IBM has tested a number of configurations with the web servers listed and has confirmed that they are compatible with TRIRIGA as configured in our lab; however, configuration of web servers or third-party products is the responsibility of client IT teams. Often technologies such as secure protocols (SSL), Single Sign On (SSO), firewalls, certificates, and network configurations can impact the smooth integration with and compatibility of TRIRIGA in those environments. IBM cannot support the configuration of these other technologies and may recommend the engagement of a services team.

		Version	Notes
Web Servers	Apache HTTP Server	2.4.10	Compatible on any operating system that the Web Server vendor supports.
	Microsoft IIS	8.5	
	IBM HTTP Server	8.5.5	
Virtualization Technologies	VMware ESXi Server	5.5	IBM TRIRIGA Application Platform is tested on the versions listed for both client and server, and supports any versions that are compatible with the Application Server and client Operating Systems that IBM TRIRIGA supports.
	KVM		
	Hyper - V		
	IBM SoftLayer		
Third Party Components	Brava Enterprise Viewer	7.2 Enterprise	
	Mail (Incoming and Outbound)	SMTP is used for outbound email. The incoming mail agent can be configured for use with IMAP or POP3.	
	SAP Crystal Server	2013 SP4	Only certified when run on Windows and Linux operating systems.
Single Sign On	HTTP Header	<p>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.</p> <p>In this document, Single Sign On (SSO) refers to the ability to have a single set of credentials that use a directory server for multiple applications. By definition, SSO is not the same as Seamless Sign On, which may not challenge a user for credentials during the access process.</p>	
	Remote User		
	User Principal		

IBM TRIRIGA Workplace Reservation Manager Outlook

	Version	Notes
Outlook 2013, 2010	1.3.2	<p>IBM TRIRIGA Workplace Reservation Manager Add-in integration with Outlook requires the following prerequisite software:</p> <ul style="list-style-type: none"> ▪ Microsoft .NET Framework 4.5 (x86 or x64) ▪ Microsoft Visual Studio 2010 Tools for Office Runtime version 10.0.40820 or later (x86 or x64) <p>Only supported on Windows 7 and Windows 8. 64-bit operating system required. Internet Explorer 11 is required on the client machine for the Outlook Add-in to display the Reserve tab.</p> <p>The prerequisite software can be downloaded from the Microsoft Download Center website: http://www.microsoft.com/en-us/download/default.aspx</p> <p>For more information, search <i>Integrating IBM TRIRIGA with Microsoft Exchange</i> in the IBM Knowledge Center.</p> <p>Requires Microsoft Office 365 for Enterprise, Microsoft Exchange Server 2013, or 2010 SP3.</p>

IBM TRIRIGA Anywhere 10.4.2

	Version	Notes
IBM TRIRIGA Application Platform	3.4.2.1, 3.4.2, 3.4.1.1	<p>Supported on IBM WebSphere Application Server 8.5.5.5, IBM WebSphere Application Server Liberty Profile version 8.5.5.5, and WebLogic Server 12c (12.1.3). IBM WebSphere SDK Java Technology Edition V7.0.2.0 or higher is supported on IBM WebSphere Application Server 8.5.5.5. Oracle Java SE 7 Update 80 or IBM SDK Java 7.1.2.10 is recommended for IBM WebSphere Application Server Liberty Profile version 8.5.5.5. See the Application Server compatibility section.</p> <p>Language packs for the following languages are available for IBM TRIRIGA Anywhere 10.4.2: Brazilian Portuguese, British English, Czech, Danish, Dutch, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, and US English.</p>
IBM TRIRIGA Applications	10.4.2.1, 10.4.2, 10.4.1.1	
IBM MobileFirst Platform Server	6.3.0.0	<p>Supported on Windows Server 2012, SUSE Linux Enterprise Server v11, Red Hat Enterprise Linux v6. (64-bit only)</p> <p>Supported on IBM WebSphere Application Server 8.5.5.5 and IBM WebSphere Liberty Profile 8.5.5.5. IBM WebSphere SDK Java Technology Edition V7.0.2.0 or higher is supported for IBM WebSphere Application Server.</p>
IBM MobileFirst Platform Studio	6.3.0.0	Supported on Windows 7, SUSE Linux Enterprise Server v11, Red Hat Enterprise Linux v6, Macintosh OS X 10.9.4. (64-bit only)
Android	5.1, 4.4, 4.3	<p>Space requirements: 400 MB minimum / 1 GB recommended, + map image size</p> <p>Memory requirements: 1 GB minimum / 2 GB recommended, + map image size</p> <p>IDE required for iOS: Xcode 6. Xcode 7 is not supported.</p>
Apple iOS	9.0, 8.4, 8.2, 8.1, 7.1	
Windows	8.1	<p>Only supported on Windows tablets.</p> <p>64-bit is required.</p> <p>RT version of Windows 8.1 is not supported.</p> <p>Space requirements: 16 GB minimum</p> <p>Memory requirements: 2 GB minimum</p>

IBM TRIRIGA Application Platform 3.4.2 Connectors

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

	Version	Notes
Esri ArcGIS Server	10.3	See the 3.4.2 Release Notes for information on upgrading to the JavaScript Esri viewer for ArcGIS.
Esri ArcGIS API for JavaScript	3.11	
ENERGY STAR Portfolio Manager	4.0	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: Release Notes
IBM TRIRIGA Custom Class Loader	3.4.2	Integrations written for IBM TRIRIGA Custom Class Loader must be compatible with Oracle Java 7.

Client Compatibility

Third Party Components	Supported Version	Notes
Oracle JRE	8 Update 45, 7 Update 80	These are the minimum versions required. Future Java updates are supported but may require a platform fix pack upgrade to be fully supported.
Adobe Flash Player	17	Minimum version supported.
Microsoft Excel Formats	.xls, .xlsx, .xlsm	Excel sheets that are saved in Microsoft Excel formatting are required if you use IBM TRIRIGA Offline forms. Excel sections are no longer supported.
Microsoft Project	2013, 2010	Used to import tasks into a Gantt section.
Microsoft Internet Explorer	11, 10	These versions are the minimum versions that are supported for each browser. IBM TRIRIGA will support future versions of a vendor's browsers if the vendor does not remove, or explicitly or inadvertently disable, functionality that IBM TRIRIGA products rely on. Although future versions are supported, any issue that is introduced as a result of a browser upgrade might require an IBM TRIRIGA Platform fix pack to be fully supported.
Mozilla Firefox	ESR 31	
Apple Safari	8.0.6	
Google Chrome	42	In Chrome Update 45, all NPAPI plug-in support is removed, including overrides. This change prevents all Java Applets from rendering in TRIRIGA Application Platform when using Chrome. Applets can continue to be used on other supported browsers.
Microsoft Windows	10, 8, 7	Minimum hardware requirements: <ul style="list-style-type: none"> ▪ 2 GHz CPU ▪ 4 GB RAM ▪ 100 Mbps NIC ▪ 1280x1024 resolution
Macintosh OS X	10.10	CAD Integrator and the Workplace Reservation Manager Outlook Add-in are not supported on Macintosh.
Microsoft Silverlight	5.1	Silverlight is required to view Web Graphics with Internet Explorer when enabled.
BIRT	4.3.1	

IBM TRIRIGA Application Platform 3.4.2 Test Floor Configurations

The following operating system and application server configurations were used in IBM TRIRIGA Application Platform 3.4.2 certification efforts.

	Version	Operating Systems			
		Windows Server 2012	SUSE Enterprise Linux Server	Red Hat Enterprise Linux	AIX 7.1
IBM WebSphere Application Server Liberty profile	8.5.5.5	✓	✓	✓	✓
Oracle WebLogic Server	12c (12.1.3)	✓		✓	
IBM WebSphere Application Server	8.5.5.5	✓	✓	✓	✓