



## ARIS Platform Matrix

ARIS Products

Version 9.7

7 2015

This document applies to ARIS Version 9.7 and to all subsequent releases. Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

Copyright © 2010 - 2015 Software AG, Darmstadt, Germany and/or Software AG USA Inc., Reston, VA, USA, and/or its subsidiaries and/or its affiliates and/or their licensors.

The name Software AG and all Software AG product names are either trademarks or registered trademarks of Software AG and/or Software AG USA Inc. and/or its subsidiaries and/or its affiliates and/or their licensors. Other company and product names mentioned herein may be trademarks of their respective owners. Detailed information on trademarks and patents owned by Software AG and/or its subsidiaries is located at <http://softwareag.com/licenses>.

Use of this software is subject to adherence to Software AG's licensing conditions and terms. These terms are part of the product documentation, located at <http://softwareag.com/licenses> and/or in the root installation directory of the licensed product(s).

This software may include portions of third-party products. For third-party copyright notices, license terms, additional rights or restrictions, please refer to "License Texts, Copyright Notices and Disclaimers of Third Party Products". For certain specific third-party license restrictions, please refer to section E of the Legal Notices available under "License Terms and Conditions for Use of Software AG Products / Copyright and Trademark Notices of Software AG Products". These documents are part of the product documentation, located at <http://softwareag.com/licenses> and/or in the root installation directory of the licensed product(s).

Supported Server Operating System Platforms												
Operating System			Windows Server 2008 (64 bit)	Windows Server 2008 R2(64 bit)	Windows Server 2012 (64 bit)	Windows Server 2012 R2 (64 bit)	Linux RedHat ES 6.4 (64bit)	Linux RedHat ES 6.5 (64bit)	SUSE Linux ES 11 SP2 (64 bit)	Ubuntu 12.04.x LTS (64 bit)	Ubuntu 14.04.x LTS (64 bit)	Amazon EC2 with Windows / Linux
ARIS Connect Server	9.7	YCS	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓	✓	✓	✓	✓	✓ (3)
ARIS Design Server	9.7	YDS	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓	✓	✓	✓	✓	✓ (3)
ARIS Publisher Server (4)	9.7	YPS	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓	✓	---	✓	✓	✓
ARIS Risk and Compliance Manager	9.7	YRC	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓	✓	---	---	---	---

Legend	
✓	Supported / Released
---	Not supported / Not released / Not planned
1	Including all manufacturer's service packs
2	Planned for Service Release
3	Only Windows-based VMs are currently supported. Full support is planned for Service Release.
4	For ARIS Publisher Server you need a dedicated machine. ARIS Publisher Server cannot be installed on a machine that running ARIS Connect / Design Server. Please follow instructions in Installation guideline.

Unless otherwise specified in our documentation, we encourage installing the latest service packs, patch bundles and fixes for the supported operating systems and products if those are recommended by the respective vendor. Please report defects resulting from fixes, patches, or service packs supplied by 3rd parties to the vendor directly.

Software AG tests its software against specific versions of operating systems and supported products (RDBMSs, JDKs, browsers, application servers, directory servers) and not specifically against all possible combinations of patches, fixes, and hardware that may include that platform. Therefore, Software AG might not use the exact same versions of fixes, patches, or service packs for operating systems and supported software products when troubleshooting a customer issue.

Supported Client Operating System Platforms													
Operating System			Windows 7 (Prof., Ult.) (32/64bit)	Windows 8 (32/64bit)	Windows 8.1 (32/64bit)	Windows Server 2008 (64 bit)	Windows Server 2008 R2 (64 bit)	Windows Server 2012 (64 bit)	Linux RedHat ES 6.4 (64bit) Linux RedHat ES 6.5 (64bit)	SUSE Linux ES 11 SP2 (64 bit)	Ubuntu 12.04.x LTS (64 bit) Ubuntu 14.04.x LTS (64 bit)	Citrix XenApp 6.5	Amazon EC2 with Windows
ARIS Viewer	9.7	YBU	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓	✓	✓	✓	✓
ARIS Designer (3)	9.7	YAD	✓ (1)(3)	✓ (1)(3)	✓ (1)(3)	✓ (1)	✓ (1)	✓ (1)	---	---	---	✓	✓
ARIS Architect (3)	9.7	YAA	✓ (1)(3)	✓ (1)(3)	✓ (1)(3)	✓ (1)	✓ (1)	✓ (1)	---	---	---	✓	✓
UML Designer	9.7	YUD	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)	---	---	---	✓	✓
ARIS Connect Viewer	9.7	YCSCC	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)	---	---	---	✓	✓
ARIS Connect Designer	9.7	YCSDC	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)	---	---	---	✓	✓
ARIS Business Optimizer	9.7	YBO	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)	---	---	---	✓	✓

Legend	
✓	Supported / Released
---	Not supported / Not released / Not planned
1	Including all manufacturer's service packs
2	Planned for Service Release
3	ARIS Client with LOCAL only under 64bit Windows

Unless otherwise specified in our documentation, we encourage installing the latest service packs, patch bundles and fixes for the supported operating systems and products if those are recommended by the respective vendor. Please report defects resulting from fixes, patches, or service packs supplied by 3rd parties to the vendor directly.

Software AG tests its software against specific versions of operating systems and supported products (RDBMSs, JDKs, browsers, application servers, directory servers) and not specifically against all possible combinations of patches, fixes, and hardware that may include that platform. Therefore, Software AG might not use the exact same versions of fixes, patches, or service packs for operating systems and supported software products when troubleshooting a customer issue.

Supported Database Systems													
Database System			Standard database system	Oracle 11.x	Oracle 12.x	MS SQL 2008 R2	MS SQL 2012	IBM DB2 UDB 9.x	IBM DB2 UDB 10.5	ADABAS for Open Systems	ADABASE for Mainframes		
ARIS Connect Server	9.7	YCS	✓ (3)	✓	✓	✓	✓	---	✓ (4)	---	---		
ARIS Design Server	9.7	YDS	✓ (3)	✓	✓	✓	✓	---	✓ (4)	---	---		
ARIS Publisher Server	9.7	YPS	✓ (3)	✓	✓	✓	✓	---	---	---	---		
ARIS Risk and Compliance Manager	9.7	YRC	✓ (3)	✓	✓	✓	✓	---	---	---	---		

Legend	
✓	Supported / Released
---	Not supported / Not released / Not planned
1	Including all manufacturer's service packs
2	Planned for Service Release
3	Only for demo scenarios or small number of users
4	Installation only with support from Software AG

Unless otherwise specified in our documentation, we encourage installing the latest service packs, patch bundles and fixes for the supported operating systems and products if those are recommended by the respective vendor. Please report defects resulting from fixes, patches, or service packs supplied by 3rd parties to the vendor directly.

Software AG tests its software against specific versions of operating systems and supported products (RDBMSs, JDKs, browsers, application servers, directory servers) and not specifically against all possible combinations of patches, fixes, and hardware that may include that platform. Therefore, Software AG might not use the exact same versions of fixes, patches, or service packs for operating systems and supported software products when troubleshooting a customer issue.

Supported Web Browser													
Web Browser			Internet Explorer 8 (32bit)	Internet Explorer 9 (32bit)	Internet Explorer 10	Internet Explorer 11	Firefox 24 or higher	Google Chrome 27 or higher	Safari 6 or higher				
ARIS Viewer	9.7	YBU	✓	✓	✓	✓	✓	✓	---				
ARIS Designer (4)	9.7	YAD	✓	✓	✓	✓	✓	✓	---				
ARIS Architect (4)	9.7	YAA	✓	✓	✓	✓	✓	✓	---				
UML Designer (4)	9.7	YUD	✓	✓	✓	✓	✓	✓	---				
ARIS Connect Viewer	9.7	YCSCC	✓	✓	✓ (5)	✓ (5)	✓	✓	---				
ARIS Connect Designer	9.7	YCSDC	---	✓	✓ (5)	✓ (5)	✓	✓	---				
ARIS Business Optimizer (4)	9.7	YBO	✓	✓	✓	✓	✓	✓	---				
ARIS Publisher Server	9.7	YPS	✓	✓	✓	✓	✓	✓	---				
ARIS Risk and Compliance Manager	9.7	YRC	✓	✓	✓	✓	✓	✓	---				

Supported JAVA versions													
JAVA version			1.6.0.x	1.7.0.x	1.8.0.x								
ARIS Viewer	9.7	YBU	---	✓	(2)								
ARIS Designer (4)	9.7	YAD	---	✓	(2)								
ARIS Architect (4)	9.7	YAA	---	✓	(2)								
UML Designer (4)	9.7	YUD	---	✓	(2)								
ARIS Business Optimizer (4)	9.7	YBO	---	✓	(2)								
ARIS Business Publisher	9.7	YPS	---	✓	(2)								
ARIS Risk and Compliance Manager	9.7	YRC	---	✓	(2)								

Legend	
✓	Supported / Released
---	Not supported / Not released / Not planned
1	Including all manufacturer's service packs
2	Planned for next Release
3	Java VM is embedded and cannot be changed in this version.
4	Download client
5	Connecting to ARIS Connect Portal using IE10 + IE 11 with NON-standard Browser configuration leads to white page. Workaround: Changing the Compatibility mode or the Document mode to IE9.

Unless otherwise specified in our documentation, we encourage installing the latest service packs, patch bundles and fixes for the supported operating systems and products if those are recommended by the respective vendor. Please report defects resulting from fixes, patches, or service packs supplied by 3rd parties to the vendor directly.

Software AG tests its software against specific versions of operating systems and supported products (RDBMSs, JDKs, browsers, application servers, directory servers) and not specifically against all possible combinations of patches, fixes, and hardware that may be comprise in that operating system. Therefore, Software AG might not use the exact same versions of fixes, patches, or service packs for operating systems and supported software products when troubleshooting a customer issue.

Supported Web Application Server													
Web Application Server				Tomcat 5.5	Tomcat 6.0	Tomcat 7.x	WebSphere 6.1	WebSphere 7.0	SAP NetWeaver CE 7.10				
ARIS Publisher Server	9.7	YPS	---	---	✓	---	---	---	---				

Supported Web Server													
Web Server				Apache 1.3.x	Apache 2.0.x	Apache 2.2.x	II S6	II S7					
ARIS Publisher Server	9.7	YPS	---	---	✓	---	---	---					

Legend	
✓	Supported / Released
---	Not supported / Not released / Not planned
1	Including all manufacturer's service packs
2	Planned for Service Release

Unless otherwise specified in our documentation, we encourage installing the latest service packs, patch bundles and fixes for the supported operating systems and products if those are recommended by the respective vendor. Please report defects resulting from fixes, patches, or service packs supplied by 3rd parties to the vendor directly.

Software AG tests its software against specific versions of operating systems and supported products (RDBMSs, JDKs, browsers, application servers, directory servers) and not specifically against all possible combinations of patches, fixes, and hardware that may be comprise in that operating system. Therefore, Software AG might not use the exact same versions of fixes, patches, or service packs for operating systems and supported software products when troubleshooting a customer issue.

Supported LDAP systems														
Other LDAP systems have to be configured by Customized Solutions.														
LDAP system			Active Directory Domain Services Windows 2008 Server	Active Directory Domain Services Windows 2012 Server	Net IQ eDirectory 8.8 SP8	Oracle Directory Server Enterprise Edition 11g	IBM Tivoli Directory Server 6.1							
ARIS Connect Server	9.7	YCS	✓	✓	✓	✓	✓							
ARIS Design Server	9.7	YDS	✓	✓	✓	✓	✓							
ARIS Publisher Server	9.7	YPS	✓	✓ (3)	✓ (3)	✓ (3)	✓ (3)							

Legend	
✓	Supported / Released
---	Not supported / Not released / Not planned
1	Including all manufacturer's service packs
2	Planned for Service Release
3	If Publisher authenticates against ARIS Central User Management (UMC)

Unless otherwise specified in our documentation, we encourage installing the latest service packs, patch bundles and fixes for the supported operating systems and products if those are recommended by the respective vendor. Please report defects resulting from fixes, patches, or service packs supplied by 3rd parties to the vendor directly.

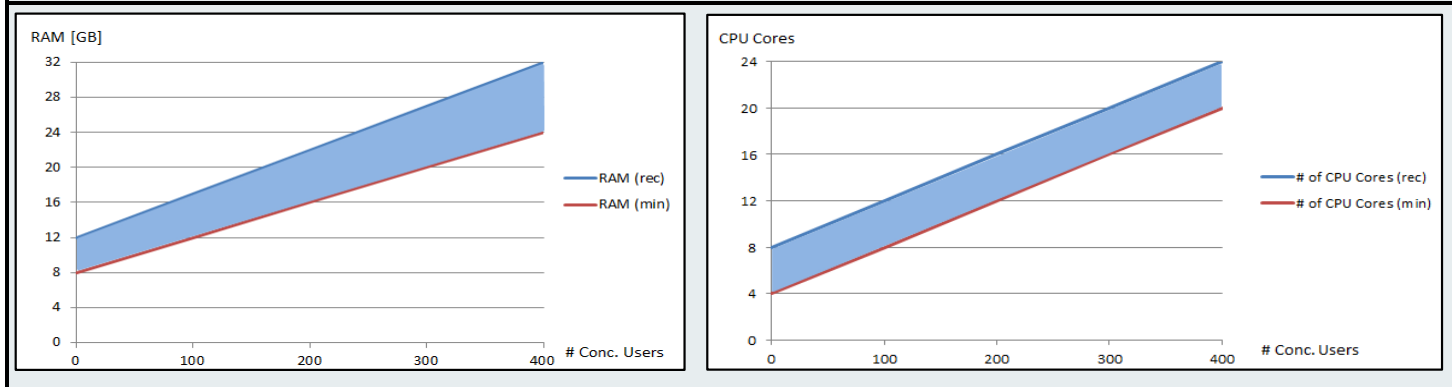
Software AG tests its software against specific versions of operating systems and supported products (RDBMSs, JDKs, browsers, application servers, directory servers) and not specifically against all possible combinations of patches, fixes, and hardware that may be comprise in that operating system. Therefore, Software AG might not use the exact same versions of fixes, patches, or service packs for operating systems and supported software products when troubleshooting a customer issue.

Hardware Scenarios Design & Connect Server (Minimum required HW)				
Scenario	# Conc. Users	Remark	Single Server	Distributed (1)
Demo	1	"Laptop"-SingleUser Installation (only Demo scenario)	8GB (>=6GB free RAM)	
S	1-50	Small server installation	8GB (>=6GB free RAM) 6 CPU Cores >= 50GB free HD Space	
M	50-200	Medium server installation (Oracle or MS SQL recommended)	16GB 12 CPU Cores >= 50GB free HD Space	2x S Server
L	200-400	Large server installation (only with Oracle or MS SQL)	32GB 24 CPU Cores >= 100GB free HD Space	2x M Server
XL (Custom)	400-800	Extra Large server installation (only with Oracle or MS SQL)		2x L Server or 4x M Server

Please contact ARIS Support for L, XL or larger scenarios.

Software AG recommends to monitor utilization (of RAM & CPU Cores) in productive environment. Due to the number of users / databases, complexity of databases and other influencing factors, hardware recommendation could be higher.

(1) Not: Fail safe



Hardware Scenarios Client (Installed ARIS Architect)				
Scenario	# users	Minimum	Recommended	Bandwith
without local database system	1	2GB >= 2GB free HD Space	4GB >= 2GB free HD Space	100 Mbit/s Lower bandwidths can result in reduced performance.
with local database system	1	8GB >= 20GB free HD Space (plus sufficient disk space for user databases)	>8GB >= 20GB free HD Space (plus sufficient disk space for user databases)	

Hardware Scenarios Publisher Server				
Scenario	# Conc. Users	CPU Cores	(free) RAM	Controller & Hard disk
Demo (S)	1 - 5	8 CPU Cores	2 GB	
M	5 - 100	16 CPU Cores	12 GB	SAS/SATA with RAID 0 option Rapid RAID array 15.000 rpm
L	100 - 250	24 CPU Cores	32 GB	SAS/SATA with RAID 0 option Rapid RAID array 15.000 rpm
XL	250 - 750	24 CPU Cores	64 GB (96 GB recommended)	SAS/SATA with RAID 0 option Rapid RAID array 15.000 rpm

If you are about to use all ARIS server types in your system, ARIS Connect Server, ARIS Design Server, ARIS Publisher Server and ARIS Risk & Compliance Manager Server must be installed on different machines. You can only install one server on one machine.

# Virtual Machine Support

Software AG provides for all its software the definitions of supported, documented platform configurations (referred to here just as 'supported platform') which will include specific Operating System (OS) and hardware configurations, and may include Java Virtual Machine (JVM) and database versions. Customers can use a commercially available virtualization environment for a Software AG production environment if it accurately and completely emulates one of the supported platforms.

Customers who use virtual environments are required to comply fully with their contractual terms and conditions for licensing.

Software AG tests its software for operation on the supported platforms and not specifically against all possible combinations of hardware that might be comprised that operating system (for example, file system, disk controllers, memory configuration, display devices and so on). Therefore, the correct expertise, provision and management of a hardware configuration to support the platform remain the responsibility of our customers, whether directly using physical hardware or a virtualization environment.

Software AG tests and supports certain products on the specific virtualized environments listed in the system requirements section of the product documentation. Customers can use a different virtualized environment that accurately and completely emulates one of the supported platforms; however, if they encounter an issue that Software AG judges might be caused by the virtualized environment, then the customer is responsible for reproducing the issue on an actual supported platform before further analysis can take place. Software AG Global Support will refer customers to the Global Consulting Services group for guidance or recommendation about the use of virtualization software, or, if required, the best approaches for copying a system to a supported platform.