



## **ARIS Platform Matrix**

ARIS Products Version 9.8 SR2 October 2015

This document applies to ARIS Version 9.8 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.

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Supported Server Operating System F	Platforms													
	Operatii	ng System	Windows Server 2008 (64 bit)	Windows Server 2008 R2(64 bit)	Windows Server 2012 (64 bit)	Windows Server 2012 R2 (64 bit)	Windows 10 (64 bit)	Linux RedHat ES 6.4 (64bit) Linux RedHat ES 6.5 (64bit) Linux RedHat ES 6.6 (64bit)	Linux RedHat ES 7 (64bit) Linux RedHat ES 7.1 (64bit)	SUSE Linux ES 11 SP2 (64 bit) SUSE Linux ES 11 SP3 (64 bit)	SUSE Linux ES 12 (64 bit)	Ubuntu 12.04.x LTS (64 bit) Ubuntu 14.04.x LTS (64 bit)	Oracle Linux 6.x (64 bit) Oracle Linux 7.x (64 bit)	Hosted Software (Amazon EC2 with Windows / Linux)
ARIS Connect Server	9.8	YCS	<b>√</b> (1)	<b>√</b> (1)	<b>√</b> (1)	✓ (1)	√ (2)	✓	✓	✓	✓	✓		<b>✓</b>
ARIS Design Server	9.8	YDS	√ (1)	<b>√</b> (1)	<b>√</b> (1)	<b>√</b> (1)	√ (2)	✓	✓	✓	✓	✓		✓
ARIS Publisher Server (3)	9.8	YPS	<b>√</b> (1)	<b>√</b> (1)	<b>√</b> (1)	✓ (1)	√ (2)	✓	✓			✓		✓
ARIS Risk and Compliance Manager	9.8	YRC	<b>√</b> (1)	<b>√</b> (1)	<b>√</b> (1)	<b>√</b> (1)	√ (2)	✓						

Legend	
✓	Supported / Released
	Not supported / Not released / Not planned
1	Including all manufacturer's service packs
2	Planned for next Release (April 2016)
2	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
3	Installation guideline.

<b>Supported Client Operating System Platf</b>	ported Client Operating System Platforms																
	Operati	ng System	Windows 7 (Prof., Ult.) (32/64bit)	Windows 8 (32/64bit)	Windows 8.1 (32/64bit)	Windows 10 (64bit)	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) Linux RedHat ES 6.6 (64bit)	Linux RedHat ES 7 (64bit) Linux RedHat ES 7.1 (64bit)	SUSE Linux ES 11 SP2 (64 bit) SUSE Linux ES 11 SP3 (64 bit)	SUSE Linux ES 12 (64 bit)	Ubuntu 12.04.x LTS (64 bit) Ubuntu 14.04.x LTS (64 bit)	Oracle Linux 6.x (64 bit) Oracle Linux 7.x (64 bit)	Hosted Software (Amazon EC2 with Windows)
ARIS Viewer (4)	9.8	YBU	<b>√</b> (1)	✓ (1)	<b>√</b> (1)	✓ (2)	<b>√</b> (1)	✓ (1)	<b>√</b> (1)	✓ (1)	✓	✓	✓	✓	✓		✓
ARIS Designer (3)	9.8	YAD	√ (1)(3)	√ (1)(3)	√ (1)(3)	✓ (2)	<b>√</b> (1)	✓ (1)	✓ (1)	✓ (1)							✓
ARIS Architect (3)	9.8	YAA	√ (1)(3)	√ (1)(3)	√ (1)(3)	✓ (2)	<b>√</b> (1)	✓ (1)	<b>√</b> (1)	<b>√</b> (1)							✓
UML Designer	9.8	YUD	✓ (1)	✓ (1)	<b>√</b> (1)	✓ (2)	<b>√</b> (1)	✓ (1)	<b>√</b> (1)	<b>√</b> (1)							✓
ARIS Connect Viewer (5)	9.8	YCSCC	<b>√</b> (1)	<b>√</b> (1)	<b>√</b> (1)	√ (2)	<b>√</b> (1)	<b>√</b> (1)	<b>√</b> (1)	<b>√</b> (1)							✓
ARIS Connect Designer (5)	9.8	YCSDC	✓ (1)	✓ (1)	<b>√</b> (1)	✓ (2)	✓ (1)	✓ (1)	✓ (1)	✓ (1)							✓
ARIS Business Optimizer	9.8	YBO	<b>√</b> (1)	✓ (1)	<b>√</b> (1)	<b>√</b> (2)	<b>√</b> (1)	√ (1)	<b>√</b> (1)	<b>√</b> (1)							✓

Legend	
✓	Supported / Released
	Not supported / Not released / Not planned
1	Including all manufacturer's service packs
2	Planned for next Release (April 2016)
3	ARIS Client with LOCAL only under 64bit Windows
4	A single license to view ARIS repository contents on all information in ARIS Publisher, to access and maintain IT system attributes in ARIS IT Inventory, and to manage ARIS Process Governance tasks
4	using a browser.
5	Supported minimal resolution size: 1152 x Y or higher

Windows 32-bit environment will not be supported with Software AG products:

Please be aware that we will no longer be supporting Windows 32-bit for all Software AG server and client products starting with new releases in 2016. This update will be made in the System Requirements document starting from the 2016 releases. Please note that all existing products with versions that haven't reached their End of Maintenance (EOM) stage will be supported on Windows 32-bit. In case you have further questions, please reach out to your Account Manager regarding this.

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.

Supported Database Systems												
	Databas	se System	Standard database system	Oracle 11.x	Oracle 12.x	MS SQL 2008 R2	MS SQL 2012	MS SQL 2014	IBM DB2 UDB 9.x	IBM DB2 UDB 10.5	ADABAS for Open Systems	ADABASE for Mainframes
ARIS Connect Server	9.8	YCS	<b>√</b> (3)	✓	✓	✓	✓	✓		<b>√</b> (5)		
ARIS Design Server	9.8	YDS	<b>√</b> (3)	✓	✓	✓	✓	✓		<b>√</b> (5)		
ARIS Publisher Server	9.8	YPS	<b>√</b> (3)	✓	✓	✓	✓	✓				
ARIS Risk and Compliance Manager	9.8	YRC	<b>√</b> (4)		✓		✓	✓				

Legend	gend							
✓	Supported / Released							
	Not supported / Not released / Not planned							
1	Including all manufacturer's service packs							
2	Planned for next Release (April 2016)							
3	Only for demo scenarios or small number of users							
4	Only for demo scenarios. Not for production.							
5	Installation only with support from Software AG							

Supported Web Browser	pported Web Browser											
	Web Browser		Internet Explorer 8 (32bit)	Internet Explorer 9 (32bit)	Internet Explorer 10	Internet Explorer 11	Microsoft Edge	Firefox 24 or higher	Google Chrome 27 or higher	Safari 6 or higher		
ARIS Viewer	9.8	YBU		✓	<i>✓</i>	<del>-</del>	√ (2)	<u></u> ✓	✓			
ARIS Designer (4)	9.8	YAD		✓	✓	✓	√ (2)	✓ (6)	✓ (6)			
ARIS Architect (4)	9.8	YAA		✓	✓	✓	√ (2)	<b>√</b> (6)	<b>√</b> (6)			
UML Designer (4)	9.8	YUD		✓	✓	✓	√ (2)	√ (6)	√ (6)			
ARIS Connect Viewer	9.8	YCSCC		✓	<b>√</b> (5)	<b>√</b> (5)	√ (2)	✓	✓			
ARIS Connect Designer	9.8	YCSDC		✓	<b>√</b> (5)	<b>√</b> (5)	√ (2)	✓	✓			
ARIS Business Optimizer (4)	9.8	YBO		✓	✓	✓	√ (2)	√ (6)	√ (6)			
ARIS Publisher Server	9.8	YPS		✓	✓	✓	√ (2)	✓	✓			
ARIS Risk and Compliance Manager	9.8	YRC		✓	✓	✓	√ (2)	✓	✓			

Supported JAVA versions	supported JAVA versions										
JAVA version			1.6.0.х	1.7.0.x	1.8.0.x						
ARIS Viewer	9.8	YBU		✓	✓						
ARIS Designer (4)	9.8	YAD		✓	✓						
ARIS Architect (4)	9.8	YAA		✓	✓						
UML Designer (4)	9.8	YUD		✓	✓						
ARIS Business Optimizer (4)	9.8	YBO		✓	✓						
ARIS Business Publisher	9.8	YPS		✓	✓						
ARIS Risk and Compliance Manager	9.8	YRC		✓	✓						

Legend	
✓	Supported / Released
	Not supported / Not released / Not planned
1	Including all manufacturer's service packs
2	Planned for next Release (April 2016)
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.
6	More and more browsers are blocking Java applets due to security reasons. This causes the issue that the ARIS download clients can neither be downloaded nor started from a browser. For this reason we provide the ARIS downloader as an additional way for starting download clients. That is a JAR file executable with a local Java Runtime Environment (JRE). The ARIS downloader manages the download process the same way the Java applet does. It checks whether the ARIS download client already exists and still matches the client available on this server. If needed, it downloads a new version of the ARIS download client, and then starts ARIS. For more information read ARIS Installation and Administration Guide (Configuration → Download Client).

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 9.8 YPS			✓						

Supported Web Server	Supported Web Server										
	w	eb Server	Apache 1.3.x	Apache 2.0.x	Apache 2.2.x	98 II	II S7				
ARIS Publisher Server	9.8	YPS			✓						

Legend							
✓	Supported / Released						
	Not supported / Not released / Not planned						
1	Including all manufacturer's service packs						
2	Planned for next Release (April 2016)						

Supported Mobile Platforms											
Mobile OS		Android 4.4	Android 5.0	iOS 8.x	x.6 SO!	Windows Mobile					
ARIS Connect Viewer	9.8	YCSCC	✓	✓	✓	<b>√</b> (2)					
	sted Mobil		Nexus 7 II	iPad 4 <sup>th</sup> generation (3)							
ARIS Connect Viewer	9.8	YCSCC	✓	✓							
Legend	_										
✓		Supported / Released									
	Not supp	orted / No	t released / N	lot planned							

Legenu	
✓	Supported / Released
	Not supported / Not released / Not planned
1	Including all manufacturer's service packs
2	Planned for next Release (April 2016)
3	Model number A1458, A1459 (GSM), A1460 (MM)

Supported LDAP systems	upported LDAP systems											
Other LDAP systems have to be configured	d by Softw	vare AG Gl	obal Consultir	ng Services (G	CS).							
	LDA	AP 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	9.8	YCS	✓	✓	✓	✓	✓					
ARIS Design Server	9.8	YDS	✓	✓	✓	✓	✓					
ARIS Publisher Server	9.8	YPS	✓	√ (3)	<b>√</b> (3)	√ (3)	<b>√</b> (3)					

Legend	
✓	Supported / Released
	Not supported / Not released / Not planned
1	Including all manufacturer's service packs
2	Planned for next Release (April 2016)
3	If Publisher authenticates against ARIS Central User Management (UMC)

Supported Single Sign-On Technologie											
	Singl	e Sign-On	Kerberos	SAML 2.0							
ARIS Viewer	9.8	YBU	✓	✓							
ARIS Designer	9.8	YAD	✓								
ARIS Architect	9.8	YAA	✓								
UML Designer	9.8	YUD	✓								
ARIS Connect Viewer	9.8	YCSCC	✓	✓							
ARIS Connect Designer	9.8	YCSDC	✓	✓							
ARIS Business Optimizer	9.8	YBO	✓								·

Legend	
✓	Supported / Released
	Not supported / Not released / Not planned
1	Including all manufacturer's service packs
2	Planned for next Release (April 2016)

Supported Document Man	nagement Sys	stems							
D	ocument Mar	nagemer	nt System	Microsoft SharePoint 2010	Microsoft SharePoint 2013				
ARIS Connect Server		9.8	YCS	✓	✓				
ARIS Design Server		9.8	YDS	✓	✓				
ARIS Publisher Server		9.8	YPS	✓	✓				

Legend	
✓	Supported / Released
	Not supported / Not released / Not planned
1	Including all manufacturer's service packs
2	Planned for next Release (April 2016)

Languages																	
		Languages	Chinese (Simplified Chinese)	Czech	Dutch	English	Finnish	French	German	Hungarian	Italian	Japanese	Polish	Portuguese (Brazilian Portuguese)	Russian	Slovak	Spanish
ARIS Connect Server	9.8	YCS	<b>√</b> (1)		<b>√</b> (1)	✓	<b>√</b> (1)	✓	✓	<b>√</b> (1)	<b>√</b> (1)	✓	<b>√</b> (1)	<b>√</b> (1)	✓ (1)		✓ (1)
ARIS Design Server	9.8	YDS	<b>√</b> (1)		<b>√</b> (1)	✓	<b>√</b> (1)	✓	✓	<b>√</b> (1)	<b>√</b> (1)	✓	<b>√</b> (1)	<b>√</b> (1)	<b>√</b> (1)		✓ (1)
ARIS Viewer	9.8	YBU	<b>√</b> (1)		<b>√</b> (1)	✓	<b>√</b> (1)	✓	✓	<b>√</b> (1)	<b>√</b> (1)	✓	<b>√</b> (1)	<b>√</b> (1)	<b>√</b> (1)		✓ (1)
ARIS Designer	9.8	YAD	<b>√</b> (1)		<b>√</b> (1)	✓	<b>√</b> (1)	✓	✓	<b>√</b> (1)	<b>√</b> (1)	✓	<b>√</b> (1)	<b>√</b> (1)	<b>√</b> (1)		✓ (1)
ARIS Architect	9.8	YAA	<b>√</b> (1)		<b>√</b> (1)	<b>✓</b>	<b>√</b> (1)	✓	<b>✓</b>	<b>√</b> (1)	<b>√</b> (1)	✓	<b>√</b> (1)	<b>√</b> (1)	<b>√</b> (1)		✓ (1)
UML Designer	9.8	YUD	<b>√</b> (1)		<b>√</b> (1)	<b>✓</b>	<b>√</b> (1)	✓	<b>✓</b>	<b>√</b> (1)	<b>√</b> (1)	<b>✓</b>	<b>√</b> (1)	<b>√</b> (1)	<b>√</b> (1)		<b>√</b> (1)
ARIS Connect Viewer	9.8	YCSCC	<b>√</b> (1)		<b>√</b> (1)	<b>✓</b>	<b>√</b> (1)	✓	<b>✓</b>	<b>√</b> (1)	<b>√</b> (1)	<b>✓</b>	<b>√</b> (1)	<b>√</b> (1)	<b>√</b> (1)		<b>√</b> (1)
ARIS Connect Designer	9.8	YCSDC	<b>√</b> (1)		<b>√</b> (1)	✓	<b>√</b> (1)	✓	✓	<b>√</b> (1)	<b>√</b> (1)	✓	<b>√</b> (1)	<b>√</b> (1)	<b>√</b> (1)		<b>√</b> (1)
ARIS Business Optimizer	9.8	YBO	<b>√</b> (1)		<b>√</b> (1)	✓	√ (1)	✓	✓	<b>√</b> (1)	<b>√</b> (1)	✓	<b>√</b> (1)	<b>√</b> (1)	<b>√</b> (1)		<b>√</b> (1)
ARIS Publisher Server	9.8	YPS	<b>√</b> (1)		<b>√</b> (1)	✓	<b>√</b> (1)	✓	✓	<b>√</b> (1)	<b>√</b> (1)	✓	<b>√</b> (1)	<b>√</b> (1)	<b>√</b> (1)		<b>√</b> (1)
ARIS Risk and Compliance Manager	9.8	YRC	<b>√</b> (1)			✓		✓	✓	<b>√</b> (1)	<b>√</b> (1)	✓		<b>√</b> (1)			✓

Legend	
✓	Supported / Released
	Not supported / Not released / Not planned
1	Documentation and online help in english
2	Planned for next Release (April 2016)

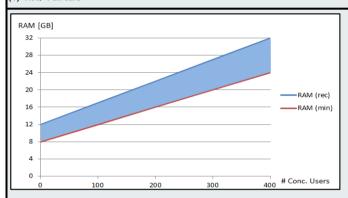
Hardware Scenarios Design & Connect Serv	<b>rer</b> (Minimum req	uired HW)		
Scenario	# Conc. Users	Remark	Single Server	Distributed (1)
Demo	1	"Laptop"-SingleUser Installation (only Demo scenario)	8GB (>=6GB free RAM)	
Medium	1-50	Small server installation	8GB (>=6GB free RAM) 6 CPU Cores >= 50GB free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

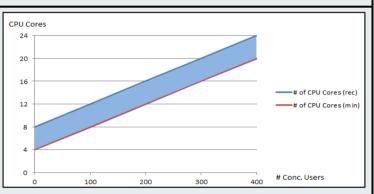
Please contact ARIS Support for XL, XXL or larger scenarios.

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.

The database server (MSSQL/Oracle) must be dimensioned and installed appropriate the manufacturer's instructions. We recommend a separate database server.

## (1) Not: Fail safe





ardware 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						
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)	reduced performance.						

Scenario	# Conc. Users	Processor	(free) RAM	Controller & Hard disk
Demo	1 - 5	1 x Dual Intel® Xeon® 5.X or more current	2 GB	
Medium	5 - 100	2 x Dual Intel® Xeon® 5.X or more current (only with Oracle or MS SQL)	12 GB <sup>(2)</sup>	SAS/SATA with RAID 0 option Rapid RAID array
Large	100 - 250	2 x Intel® Xeon® 5.X 6c or more recent (only with Oracle or MS SQL)	32 GB <sup>(2)</sup>	SAS/SATA with RAID 0 option Rapid RAID array
XL (Custom)	250 - 750	2 x Intel® Xeon® 5.X 6c or more recent (only with Oracle or MS SQL)	>= 64 GB	SAS/SATA with RAID 0 option Rapid RAID array

Please contact ARIS Support for 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.

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.

(2) ARIS Publisher Server setup will configure the memory lower. To increase the memory settings, please provide additional memory for publisher runnable. (See ARIS Server Installation and Administration Guide --> "Provide Additional Memory")

## **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.