# Platform Matrix

## ARIS Products

Version 9.6 - Service Release 1

June 2014

**Supported Server Operating System Platforms**

| | | | 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 (64 bit) | 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 | 9.6 | YCS | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | ✓ | ✓ | ✓ (4) | ✓ (4) | ✓ | ✓ | ✓ (3) |
| ARIS Design Server | 9.6 | YDS | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | ✓ | ✓ | ✓ (4) | ✓ (4) | ✓ | ✓ | ✓ (3) |
| ARIS Publisher Server | 9.6 | YPS | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | ✓ | ✓ | --- | --- | --- | --- | --- |
| ARIS Risk and Compliance Manager | 9.6 | 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 | With ARIS 9.6 SR01 |

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 migth 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 (64 bit) / 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 | 9.6 | YBU | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | ✓ | ✓ | ✓ | ✓ | ✓ |
| ARIS Designer | 9.6 | YAD | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | --- | --- | --- | ✓ | ✓ |
| ARIS Architect | 9.6 | YAA | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | --- | --- | --- | ✓ | ✓ |
| UML Designer | 9.6 | YUD | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | --- | --- | --- | ✓ | ✓ |
| ARIS Connect Viewer | 9.6 | YCSCC | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | --- | --- | --- | ✓ | ✓ |
| ARIS Connect Designer | 9.6 | YCSDC | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | ✓ (1) | --- | --- | --- | ✓ | ✓ |
| ARIS Business Optimizer | 9.6 | 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 |

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## 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 | 9.6 | YCS | ✓ (3) | ✓ | ✓ | ✓ | ✓ | --- | ✓ (4) | --- | --- | | |
| ARIS Design Server | 9.6 | YDS | ✓ (3) | ✓ | ✓ | ✓ | ✓ | --- | ✓ (4) | --- | --- | | |
| ARIS Publisher Server | 9.6 | YPS | ✓ (3) | ✓ | ✓ | ✓ | ✓ | --- | --- | --- | --- | | |
| ARIS Risk and Compliance Manager | 9.6 | 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 | With ARIS 9.6 SR1 |

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## Supported Web Browser

| Web Browser | | | Internet Explorer 8 (32bit) | Internet Explorer 9 (32bit) | Internet Explorer 10 | Internet Explorer 11 | Firefox 17 or higher | Google Chrome 27 or higher | Safari 6 or higher | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ARIS Viewer | 9.6 | YBU | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | --- | | | | |
| ARIS Designer (4) | 9.6 | YAD | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | --- | | | | |
| ARIS Architect (4) | 9.6 | YAA | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | --- | | | | |
| UML Designer (4) | 9.6 | YUD | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | --- | | | | |
| ARIS Connect Viewer | 9.6 | YCSCC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | --- | | | | |
| ARIS Connect Designer | 9.6 | YCSDC | --- | ✓ | ✓ | ✓ | ✓ | ✓ | --- | | | | |
| ARIS Business Optimizer (4) | 9.6 | YBO | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | --- | | | | |
| ARIS Publisher Server | 9.6 | YPS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | --- | | | | |
| ARIS Risk and Compliance Manager | 9.6 | YRC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | --- | | | | |

## Supported JAVA versions

| JAVA version | | | 1.6.0.x | 1.7.0.x | 1.8.0.x | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ARIS Viewer | 9.6 | YBU | --- | ✓ | (2) | | | | | | | | |
| ARIS Designer (4) | 9.6 | YAD | --- | ✓ | (2) | | | | | | | | |
| ARIS Architect (4) | 9.6 | YAA | --- | ✓ | (2) | | | | | | | | |
| UML Designer (4) | 9.6 | YUD | --- | ✓ | (2) | | | | | | | | |
| ARIS Business Optimizer (4) | 9.6 | YBO | --- | ✓ | (2) | | | | | | | | |
| ARIS Business Publisher | 9.6 | YPS | --- | ✓ | (2) | | | | | | | | |
| ARIS Risk and Compliance Manager | 9.6 | 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 |

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## 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 | 9.6 | 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 | 9.6 | YPS | --- | --- | ✓ | --- | --- | | | | | | |

## Legend

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

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## Supported LDAP systems

ARIS with LDAP: LDAP installations executed by customers themselves are only supported when they use Active Directory.

Other LDAP systems have to be configured by Customized Solutions.

| LDAP system | | | Active Directory Domain Services Windows 2008 Server | OpenLDAP 2 | Apache Directory Server | Sun Java System Directory Server EE | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ARIS Connect Server | 9.6 | YCS | ✓ | --- | --- | --- | | | | | | | |
| ARIS Design Server | 9.6 | YDS | ✓ | --- | --- | --- | | | | | | | |
| ARIS Publisher Server | 9.6 | YPS | ✓ | --- | --- | --- | | | | | | | |
| ARIS Process Performance Manager | 9.6 | YPI | ✓ | --- | --- | --- | | | | | | | |
| ARIS MashZone | 9.6 | YCZ | ✓ | --- | --- | --- | | | | | | | |

## Legend

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

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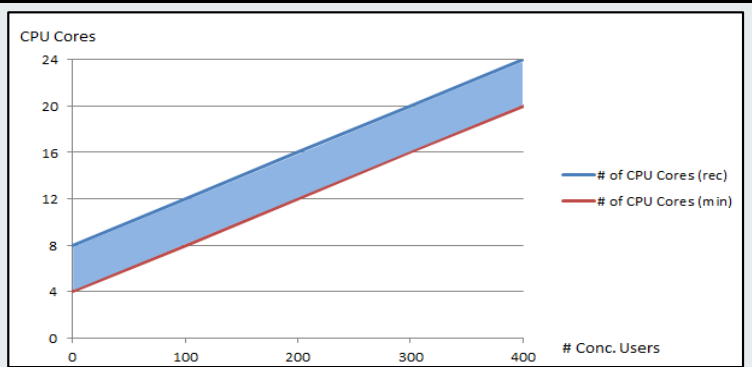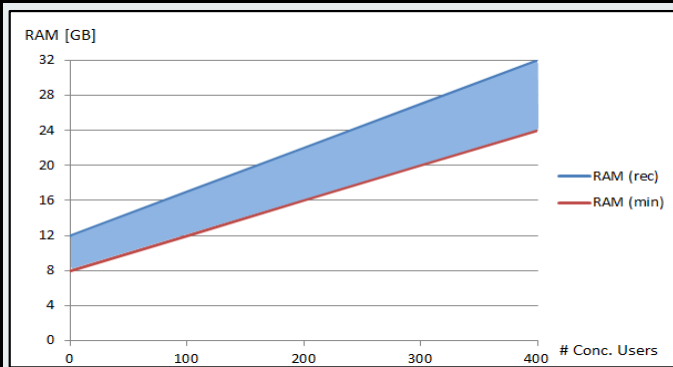
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## Hardware Scenarios Design & Connect Server

| Scenario | # Conc. Users | Remark | Single Server | Distributed |
|---|---|---|---|---|
| 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 >= 20GB free HD Space | |
| M | 50-200 | Medium server installation (only with Oracle or MS SQL) | 16GB 12 CPU Cores >= 20GB free HD Space | 2x S Server |
| L | 200-400 | Large server installation (only with Oracle or MS SQL) | 32GB 24 CPU Cores >= 50GB free HD Space | 2x M Server |
| XL | 400-800 | Extra Large server installation (only with Oracle or MS SQL) | | 2x L Server or 4x M Server |

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.



## 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 >= 5GB free HD Space (plus sufficient disk space for user databases) | >8GB >= 5GB free HD Space (plus sufficient disk space for user databases) | |

## Hardware Scenarios Publisher Server

| Scenario | # users | Processor | (free) RAM | Controller & Hard disk |
|---|---|---|---|---|
| Demo (S) | 1 - 5 | 1 x Dual Intel® Xeon® 5.X or more current | 2 GB | |
| M | 5 - 100 | 2 x Dual Intel® Xeon® 5.X or more current (only with Oracle or MS SQL) | 12 GB | SAS/SATA with RAID 0 option Rapid RAID array 15.000 rpm |
| L | 100 - 250 | 2 x Intel® Xeon® 5.X 6c or more recent (only with Oracle or MS SQL) | 32 GB | SAS/SATA with RAID 0 option Rapid RAID array 15.000 rpm |
| XL | 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 15.000 rpm |

# 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.

## Languages

| Languages | | | Chinese (Simplified Chinese) | Czech | Dutch | English | Finnish | French | German | Hungarian | Italian | Japanese | Polish | Portuguese (Brazilian Portuguese) | Russian | Slovak | Spanish |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ARIS Connect Server | 9.6 | YCS | ✓ (1) | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ | ✓ | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ (1) | ✓ (1) | --- | ✓ (1) |
| ARIS Design Server | 9.6 | YDS | ✓ (1) | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ | ✓ | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ (1) | ✓ (1) | --- | ✓ (1) |
| ARIS Viewer | 9.6 | YBU | ✓ (1) | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ | ✓ | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ (1) | ✓ (1) | --- | ✓ (1) |
| ARIS Designer | 9.6 | YAD | ✓ (1) | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ | ✓ | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ (1) | ✓ (1) | --- | ✓ (1) |
| ARIS Architect | 9.6 | YAA | ✓ (1) | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ | ✓ | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ (1) | ✓ (1) | --- | ✓ (1) |
| UML Designer | 9.6 | YUD | ✓ (1) | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ | ✓ | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ (1) | ✓ (1) | --- | ✓ (1) |
| ARIS Connect Viewer | 9.6 | YCSCC | ✓ (1) | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ | ✓ | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ (1) | ✓ (1) | --- | ✓ (1) |
| ARIS Connect Designer | 9.6 | YCSDC | ✓ (1) | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ | ✓ | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ (1) | ✓ (1) | --- | ✓ (1) |
| ARIS Business Optimizer | 9.6 | YBO | ✓ (1) | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ | ✓ | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ (1) | ✓ (1) | --- | ✓ (1) |
| ARIS Publisher Server | 9.6 | YPS | ✓ (1) | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ | ✓ | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ (1) | ✓ (1) | --- | ✓ (1) |
| ARIS Risk and Compliance Manager | 9.6 | YRC | ✓ (1) | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ | ✓ | ✓ (1) | ✓ (1) | ✓ | ✓ (1) | ✓ (1) | ✓ (1) | --- | ✓ (1) |

## Legend

| | |
|---|---|
| ✓ | Supported / Released |
| --- | Not supported / Not released / Not planned |
| 1 | Documentation and online help in english |
| 2 | Planned for Service Release |

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