



# **Supported Platforms**

## **ARIS Platform**

Version 7.2 - Service Release 6

June 2014

This document applies to ARIS Version 7.2 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 P	latforms																							
	Operatin	g System	Win XP Pro (32/64 bit)	Windows 7 Pro/Ent (32bit/64bit)	Windows 2003 (32/64 bit)	Windows 2003 R2 (32/64 bit)	Windows Server 2008 (64 bit)	Windows Server 2008 R2(64 bit)	Solaris 9 SPARC (64 bit)	Solaris 10 SPARC (64 bit)	Solaris 10 Intel (64 bit)	HP UX 11 (64 bit)	Linux Debian 5 (32/64bit	Linux Debian 6 (32/64bit)	Linux SuSE SLES 10 (32/64 bit)	Linux SuSE SLES 11 (32/64 bit)	Linux RedHat ES 4 (32/64 bit)	Linux RedHat ES 5 (64 bit)	Linux RedHat ES 6 (64bit)	Citrix XenApp Server 5.0	VMWare ESX 3.5	VMWare ESX 4	VMWare ESX 5	Amazon EC2 with Windows
ARIS Business Server	7.2.x	ABU	√ (4)		√ (4)	✓ (4)	(i) (3,4,7)	(i) (3,4,7)	① (1,6)	① (1,6)	① (1,6)	① (1,6)						(1,6)		✓	<b>①</b>	1	1	✓
ARIS Business Publisher Server	7.2.x	AGP			√ (4)	✓ (4)	√ (4)	√ (4)	① (1)	① (1)	① (1)						① (1)	(1)		✓	<b>①</b>	1	<b>①</b>	✓
ARIS Process Governance Server	1.x.x	AGG			√ (4)	✓ (4)	√ (4)	√ (4)		① (8,9,10)	① (8,9,10)					-				✓	<b>①</b>	1	1	✓
ARIS Process Performance Manager	5.1.x	ACS	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓		✓	✓		<b>①</b>	1	1	✓
ARIS MashZone	2.2.x 2.3.x	ACZ	✓	✓	✓	✓	✓									✓	✓	<b>✓</b>			1	<b>①</b>	1	✓
ARIS Risk & Compliance Manager	4.0	ACR	① (39)	① (39)	✓	✓	✓	✓																
ARIS Risk & Compliance Manager	4.1	ACR	① (39)	(39)	<b>√</b>	<b>√</b>	<b>√</b>	✓																

Supported Client Operating System Plate	forms																			
	Operatir	ng System	Win XP Pro (32/64 bit)	Windows Vista (Business, Ultimate)	Windows 7 (Prof., Ult.) (32/64bit)	Windows Server 2008 (64 bit)	Windows Server 2008 R2 (64 bit)	Solaris 9 SPARC (64 bit) (tested with SPARC and Intel)	Solaris 10 SPARC (64 bit) (tested with SPARC and Intel)	Linux Debian 5 (32/64bit	Linux Debian 6 (32/64bit)	Linux SuSE SLES 10 (32/64 bit)	Linux SuSE SLES 11 (32/64 bit)	Linux RedHat ES 5 (32/64 bit)	Linux RedHat ES 6 (32/64bit)	Citrix XenApp Server 5.0	VMWare ESX 3.5	VMWare ESX 4	VMWare ESX 5	Amazon EC2 with Windows
ARIS Business Architect	7.2.x	AGA	√ (4)	<b>√</b> (4)	① (4,7)	① (4,7)	<ul><li>(1) (4,7)</li></ul>							✓ (11)		✓ (11)	<b>①</b>	<b>①</b>	<b>①</b>	✓
ARIS Business Architect for SAP	7.2.x	AIB	√ (4)	√ (4)	① (4,7)	① (4,7)	(i) (4,7)							<b>√</b> (11)		✓ (11)	<b>(i)</b>	<b>(i)</b>	<b>(i)</b>	✓
ARIS Business Designer	7.2.x	AGD	√ (4)	√ (4)	① (4,7)	① (4,7)	<ul><li>(4,7)</li></ul>							√ (11)		√ (11)	<b>①</b>	<b>①</b>	<b>①</b>	✓
ARIS Business Designer for SAP	7.2.x	AID	√ (4)	√ (4)	① (4,7)	① (4,7)	<ul><li>(4,7)</li></ul>							√ (11)		√ (11)	<b>①</b>	<b>①</b>	<b>①</b>	✓
ARIS Business Optimizer	7.2.x	ATO	√ (4)	√ (4)	① (4,7)	<ul><li>(4,7)</li></ul>	① (4,7)							√ (11)		√ (11)	<b>①</b>	<b>①</b>	<b>①</b>	✓
ARIS Business Rules Designer	7.2.x	AIR	√ (4)	√ (4)	① (4,7)	<ul><li>(4,7)</li></ul>	① (4,7)							√ (11)		√ (11)	<b>①</b>	<b>①</b>	<b>①</b>	✓
ARIS Business Simulator	7.2.x	AGU	√ (4)	√ (4)	① (4,7)	<ul><li>(4,7)</li></ul>	(i) (4,7)							√ (11)		√ (11)	<b>①</b>	<b>①</b>	<b>①</b>	✓
ARIS IT Architect	7.2.x	AGI	√ (4)	√ (4)	① (4,7)	(i) (4,7)	① (4,7)							√ (11)		√ (11)	<b>①</b>	<b>①</b>	<b>①</b>	✓
ARIS IT Designer	7.2.x	AGE	√ (4)	√ (4)	① (4,7)	<ul><li>(4,7)</li></ul>	① (4,7)							√ (11)		√ (11)	<b>①</b>	<b>①</b>	<b>①</b>	✓
ARIS SOA Architect	7.2.x	AIA	√ (4)	√ (4)	① (4,7)	<ul><li>(4,7)</li></ul>	① (4,7)							√ (11)		√ (11)	<b>①</b>	<b>①</b>	<b>①</b>	✓
ARIS SOA Designer	7.2.x	AIG	✓ (4)	√ (4)	① (4,7)	① (4,7)	<ul><li>(1) (4,7)</li></ul>							<b>√</b> (11)		√ (11)	<b>①</b>	<b>①</b>	<b>①</b>	✓
ARIS UML Designer	7.2.x	AIU	√ (4)	√ (4)	① (4,7)	<ol> <li>(4,7)</li> </ol>	<ul><li>(1) (4,7)</li></ul>							✓ (11)		√ (11)	<b>①</b>	<b>①</b>	<b>①</b>	✓
ARIS ArchiMate Modeler	7.2.x	AGO	√ (4)	√ (4)	① (4,7)	<ol> <li>(4,7)</li> </ol>	<ul><li>(1) (4,7)</li></ul>							✓ (11)		√ (11)	<b>①</b>	<b>①</b>	<b>①</b>	✓
ARIS BI Modeler	7.2.x	AIO	√ (4)	√ (4)	① (4,7)	<ol> <li>(4,7)</li> </ol>	<ul><li>(1) (4,7)</li></ul>							✓ (11)		√ (11)	<b>①</b>	<b>①</b>	<b>①</b>	✓
ARIS Business Publisher	7.2.x	AGP	√ (4)	√ (4)	✓ (4)	√ (4)	√ (4)									✓	<b>①</b>	<b>①</b>	<b>①</b>	✓
ARIS IT Inventory	7.2.x	AGV	✓ (4)	√ (4)	√ (4)	√ (4)	√ (4)									✓	<b>①</b>	<b>①</b>	<b>①</b>	✓
ARIS Process Automation Architect	7.2.x	AGC	√ (4)	√ (4)	√ (4)	√ (4)	√ (4)									✓	<b>①</b>	<b>①</b>	<b>①</b>	✓
ARIS Process Board	1.x.x	APB	√ (4,12)	√ (4,12)	√ (4,12)	√ (4,12)	√ (4,12)									✓	<b>①</b>	<b>①</b>	<b>①</b>	✓
ARIS Process Performance Manager	5.1.x	ACS	① (34)	<ul><li>(34)</li></ul>	✓ (34)	√ (34)	✓ (34)	✓ (34)	✓ (34)	√ (34)	<b>√</b> (34)	√ (34)	√ (34)	√ (34)	√ (34)		<ol> <li>(34)</li> </ol>	(34)	<ol> <li>(34)</li> </ol>	<b>√</b> (34)
ARIS PPM Customizing Toolkit	5.1.x	ACS	① (34)	<ul><li>(34)</li></ul>	✓ (34)	√ (34)	√ (34)	√ (34)	<b>√</b> (34)	✓ (34)	✓ (34)	<b>√</b> (34)	√ (34)	<b>√</b> (34)	√ (34)		<ol> <li>(34)</li> </ol>	<ul><li>(34)</li></ul>	<ul><li>(34)</li></ul>	✓ (34)
ARIS JDBC-2-PPM Extractor	5.1.x	ACS	✓	<b>①</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		(34)	(34)	(34)	<b>√</b> (34)
ARIS SAP-2-PPM Extractor	5.1.x	ACS	√ (34,35,36)		√ (34,35,36)	√ (34,35,36)	<b>√</b> (34,35,36)	√ (34,35,36)	✓ (34,35,36)			√ (34,35,36)	√ (34,35,36)	✓ (34,35,36)	√ (34,35,36)		<ol> <li>(34)</li> </ol>	<ul><li>(34)</li></ul>	<ul><li>(34)</li></ul>	
ARIS CSV-2-PPM Extractor	5.1.x	ACS	<b>✓</b>	①	<b>√</b>	<b>√</b>	✓	<b>✓</b>	✓	<b>√</b>	<b>√</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>		(34)	(34)	(34)	<u> </u>
ARIS Performance Dashboard	5.1.x	ACS	<b>√</b>	①	✓	✓	<b>√</b>	✓	✓	✓	✓	✓	✓	✓	✓		(i) (34)	① (34)	(i) (34)	
ARIS PPM Content Package MM	5.1.x	ACS	√ (34,35,36)		√ (34,35,36)	√ (34,35,36)	✓ (34,35,36)										① (34)	① (34)	① (34)	· · ·
ARIS PPM Content Package SD	5.1.x	ACS	√ (34,35,36) √ (34,35,36)		√ (34,35,36) √ (34,35,36)	√ (34,35,36) √ (34,35,36)	✓ (34,35,36)										① (34)	① (34)	① (34)	
ARIS PPM Content Package HR  ARIS MashZone	5.1.x 2.2.x	ACS	✓ (34,35,36) ✓		✓ (34,35,36) ✓	✓ (34,35,36) ✓	✓ (34,35,36) ✓										① (34)	① (34)	① (34)	√ (34) 
- The machine	2.3.x	7,02		· .															,	

Supported Web Application Server														
	Web Application	on Server	Tomcat 5.5.x (32 bit)	Tomcat 5.5.x (64 bit)	Tomcat 6.0.x (32 bit)	Tomcat 6.0.x (64 bit)	WebSphere 6.1	WebSphere 7.0	SAP NetWeaver CE 7.10	BEA Weblogic 8.1	BEA Weblogic 9.x	Oracle AppServer	Oracle WLS 11g	
ARIS Business Publisher	7.2.x	AGP	✓	✓		✓	<ul><li>(1)</li></ul>	(1,41,42)	① (1)					
ARIS IT Inventory	7.2.x	AGV	✓	✓		✓			① (1)					
ARIS Process Governance Server	1.x.x	AGG			<ul><li>(13)</li></ul>	✓								
ARIS Process Performance Manager	5.1.x	ACS	✓	✓	✓	✓								
ARIS Performance Dashboard	5.1.x	ACS	✓	✓	✓	✓			✓					
ARIS Risk & Compliance Manager	4.0	ACR			✓	✓								
ARIS Risk & Compliance Manager	4.1	ACR			✓	✓								
ARIS MashZone	2.2.x 2.3.x	ACZ												

Supported Web Server											
	W	eb Server	Apache 1.3.x	Apache 2.0.x	Apache 2.2.x	95	II S7				
ARIS Business Publisher Server	7.2.x	AGP	✓	✓	✓	✓	✓				
ARIS Process Performance Manager	5.1.x	ACS		✓	✓	✓		 	 	 	
ARIS Risk & Compliance Manager	4.0	ACR		✓	✓			 	 	 	
ARIS Risk & Compliance Manager	4.1	ACR		✓	✓			 	 	 	
ARIS MashZone	2.2.x 2.3.x	ACZ						 	 	 	

Supported Database Systems													
	Databas	e System	Standard database system	Oracle 10.1 (10g)	Oracle 10.2 (10g)	Oracle 11.x	Oracle Express	MS SQL 2000 Enterprise Ed.	MS SQL 2005 Enterprise Ed.	MS SQL 2008 Enterprise Ed. R2	IBM DB2 UDB 9.5	IBM DB2 UDB 9.7	Derby
ARIS Business Server	7.2.x	ABU	✓	✓	✓	<b>√</b> (15)			(i) (4,14)	① (4,14)	✓		
ARIS Business Publisher Server	7.2.x	AGP	✓	✓	✓	<b>√</b> (15)	✓		(i) (4,14)	① (4,14)			
ARIS Process Governance Server	1.x.x	AGG	✓		✓	<b>√</b> (15)			(i) (4,14)	① (4,14)			
ARIS Process Performance Manager	5.1.x	ACS		✓	✓	✓		(1) (28,29,30)	① (28,29,30)	(30,32,33)	✓	✓	
ARIS PPM Customizing Toolkit	5.1.x	ACS		✓	✓	✓		(1) (27,28)	① (27,28)	(30,32,33)	✓	✓	
ARIS JDBC-2-PPM Extractor	5.1.x	ACS		✓	✓	✓		① (27,28)	(i) (27,28)	(30,32,33)	✓	✓	
ARIS Risk & Compliance Manager	4.0	ACR			<b>✓</b>	<b>✓</b>		✓	<b>✓</b>	<b>√</b>			<b>(</b> ) (39)
ARIS Risk & Compliance Manager	4.1	ACR			✓	<b>✓</b>		<b>√</b>	✓	<b>√</b>			① (39)

Supported Database Systems												
	Database System	Standard database system	Oracle 10.1 (10g)	Oracle 10.2 (10g)	Oracle 11.x	Oracle Express	MS SQL 2000 Enterprise Ed.	MS SQL 2005 Enterprise Ed.	MS SQL 2008 Enterprise Ed. R2	IBM DB2 UDB 9.5	IBM DB2 UDB 9.7	
Windows XP Pro + SPs (32 bit)	(4)(21)	√ (16,18)	<b>√</b> (17)	<b>√</b> (17)	√ (15,17)	<b>√</b> (17)	<b>√</b> (17)	<b>√</b> (17)	<b>√</b> (17)	<b>√</b> (17)		
Windows Server 2003 SP2/R2 (32/64 bit)	(21)	√ (16,18)	<b>√</b> (17)	<b>√</b> (17)	<b>√</b> (15,17)	<b>√</b> (17)	<b>√</b> (17)	<b>√</b> (17)	<b>√</b> (17)	<b>√</b> (17)		
Windows Server 2008 (64 bit)	(21)	√ (16,18)	<b>√</b> (17)	<b>√</b> (17)	√ (15,17)	<b>√</b> (17)		<b>√</b> (17)	<b>√</b> (17)			
HP UX 11 (54 bit)	(1)(22)		<b>√</b> (17)	<b>√</b> (17)	√ (15,17)							
Sun Solaris 9, 10	(1)(19)		<b>√</b> (17)	<b>√</b> (17)	√ (15,17)							
Linux	(1)(20)		<b>√</b> (17)	<b>√</b> (17)	√ (15,17)							
VMWare ESX 3.x, 4.0 and 4.1		<b>√</b> (16,18)	<b>√</b> (17)	<b>√</b> (17)	<b>√</b> (15,17)	<b>√</b> (17)	<b>√</b> (17)	<b>√</b> (17)	<b>√</b> (17)			

Supported Web Browser												
	Wel	o Browser	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8 (32bit)	Internet Explorer 9 (32bit)	Firefox 1.x	Firefox 2.x	Firefox 3.x	Firefox 6.x ff.	Google Chrome	
ARIS Business Architect	7.2.x	AGA	✓	✓	✓	① (23)			① (5)	✓	✓	
ARIS Business Designer	7.2.x	AGD	✓	✓	<b>✓</b>	① (23)			① (5)	✓	✓	
ARIS Business Publisher	7.2.x	AGP	✓	✓	✓	① (23)	✓	✓	✓	✓		
ARIS IT Inventory	7.2.x	GAGV	✓	✓	✓	(23)	✓	✓	✓	✓	✓	
ARIS Process Governance Architect	7.2.x	AGG	✓	✓	<b>✓</b>	① (23)			① (5)	✓	✓	
ARIS Process Board	1.x.x	APB	✓	✓	✓	<ul><li>(23)</li></ul>			① (5)	✓		
ARIS Process Performance Manager Client	5.1.x	ACS	✓	✓	✓	① (23)	✓	✓	✓	✓		
ARIS Performance Dashboard	5.1.x	ACS	✓	✓	✓	① (23)	✓	✓	✓	✓		
ARIS MashZone	2.2.x 2.3.x	ACZ	•	<b>✓</b>	<b>√</b>	① (23)	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>		
ARIS Risk & Compliance Manager	4.0	ACR	<b>①</b>	✓	✓	✓			✓	✓		
ARIS Risk & Compliance Manager	4.1	ACR	1	✓	✓	✓			✓	✓		

Supported JAVA versions									
	JAV	'A version	1.5.0.х	1.6.0.х	1.7.0.x				
ARIS Business Architect	7.2.x	AGA	✓	① (5)	<ul><li>(41)</li></ul>				
ARIS Business Designer	7.2.x	AGD	<b>✓</b>	(5)	① (41)				
ARIS Business Publisher	7.2.x	AGP	✓	① (5)	<ul><li>(41)</li></ul>				
ARIS IT Inventory	7.2.x	GAGV	✓	① (5)	<ul><li>(41)</li></ul>				
ARIS Process Governance Architect	7.2.x	AGG		<ul><li>(5)</li></ul>	(i) (41)				
ARIS Process Board	1.x.x	APB		① (5)	<ul><li>(41)</li></ul>				
ARIS Process Performance Manager Server	5.1.x	ACS	✓	<b>√</b> (38)					
ARIS Process Performance Manager Analysis Server	5.1.x	ACS		<b>√</b> (38)					
ARIS Process Performance Manager Client	5.1.x	ACS	✓	✓					
ARIS PPM Configuration Toolkit	5.1.x	ACS	✓	✓					
ARIS JDBC-2-PPM Extractor	5.1.x	ACS	✓	<b>✓</b>					
ARIS SAP-2-PPM Extractor	5.1.x	ACS	<b>√</b> (37)	<b>√</b> (37)					
ARIS CSV-2-PPM Extractor	5.1.x	ACS	✓	✓					
ARIS Performance Dashboard	5.1.x	ACS	✓	✓					
ARIS PPM Content Package MM	5.1.x	ACS	<b>√</b> (37)	<b>√</b> (37)					
ARIS PPM Content Package SD	5.1.x	ACS	<b>√</b> (37)	<b>√</b> (37)					
ARIS PPM Content Package HR	5.1.x	ACS	<b>√</b> (37)	<b>√</b> (37)					
ARIS Risk & Compliance Manager	4.0	ACR		<b>√</b> (37)					
ARIS Risk & Compliance Manager	4.1	ACR		<b>√</b> (37)					

#### **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.

	LDA	AP system	Active Directory Windows 2003 Server	Active Directory Domain Services Windows 2008 Server	OpenLDAP	Apache Directory	SunOne				
ARIS Business Server	7.2.x	ABU	✓								
ARIS Business Publisher Server	7.2.x	AGP	✓								
ARIS Process Governance Server	1.x.x	AGG	✓								
ARIS MashZone	2.2.x 2.3.x	ACZ	✓								
ARIS Process Performance Manager	5.1.x	ACS	✓		✓						
ARIS Risk & Compliance Manager	4.0	ACR			✓						
ARIS Risk & Compliance Manager	4.1	ACR			✓						

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 respetive vendor. Please report defects resulting from 3rd party supplied fixes, patches or service packs to the vendor directly.

Used Ports in ARIS standard installation	on					
			Port	WS Port	AJP 1.3 Port	Batchserver Port
ARIS Business Server	7.2.x	ABU	16070 - 16081			
ARIS Business Architect	7.2.x	AGA	16091			
ARIS Business Designer	7.2.x	AGD	16093			
ARIS Business Publisher Server	7.2.x	AGP	16084 + 16092	9090 + 9095	8009	16084
ARIS IT Inventory	7.2.x	AGV	16084 + 16092	9090 + 9095	8009	16084
ARIS Process Governance Server	7.2.x	AGG		7071 + 7076	7079	
ARIS Process Board	1.x.x	APB		7071		
ARIS MashZone	2.2.x 2.3.x	AMZ	16500 - 16600	16550+16555		
ARIS Process Performance Manager	5.1.x	ACS	16500,16501,16502,16590, 16589,16591 16555,16550,16550	80/443		
ARIS Risk & Compliance Manager	3.1.x	ACR		8060 + 8006	8009	1099
ARIS Risk & Compliance Manager	4.0	ACR		8060 + 8006	8009	4726, 4727
ARIS Risk & Compliance Manager	4.1	ACR		8060 + 8006	8009	4726, 4727

Tested Document Management Systems (25)					
	CFS server 4.5.x (24)	JRC			
Alfresco 2.0 or higher	✓				
EMC Documentum Content Server 5.2.5 or higher	✓				
Lotus Notes (read-only) 6.5.4 or higher, 7.0, 8.0	✓				
Microsoft SharePoint 2007	✓				
Microsoft SharePoint Object Model connector (Microsoft Office SharePoint Server 2007)	<b>✓</b>				
Windows SharePoint Services 3.0 (WSS 3.0)	✓				
Microsoft SharePoint Server 2010	✓				
Microsoft SharePoint Foundation 2010	✓				
Open Text Livelink 9.2 SP1 or higher	✓				
Open Text eDOCS 5.1.0.5 and 5.2.1 (formerly Hummingbird DM)	✓				
Oracle UCM 10 or higher (Stellent 7.5)	✓				
Xerox DocuShare 4.0 or higher	✓				
Jackrabbit 1.x (not suitable for live environments)		✓	_		

Recommended user-re	eleated Business Server dimension	ing				
			ARIS Busin	ness Server		Database server
Number of users	Server scenario	Quantity	CPU	Main memory	RAM	DBMS
1 - 50	Single Server	1	2	64 bit	16 GB	Standard database system
51 - 100	Business Server Site	1	4	64 bit	32 GB	External systems
101 - 200	Business Server Site	1	4	64 bit	64 GB	External systems
201 - 400	Business Server Site (2)	2	4	64 bit	64 GB	External systems
n * 200	Business Server Site (2)	n (1)	4	64 bit	64 GB	External systems

#### Legend

(1) n stands for a number of Business Server sites greater than 1. The RAM required for reports varies greatly. Therefore, we recommend that you run these under UNIX or on a 64-bit system.

(2) Please contact Software AG (http://www.softwareag.com)

Recommended ARIS Business Server hardware				
The same applies, if ARIS Business Server and ARIS Process Governance Server are installed on the same computer.				
Hardware	Hardware Processor			
Recommended	ended Intel® Xeon® 5500 processor series, Quad- Core Intel® Xeon®			
Minimum	Intel® Xeon® 5500 processor series, Quad- Core Intel® Xeon®	64 bit system, 16 GB RAM		

All ARIS clients use ARIS Business Server to access the database server and thus work with a common data basis.

To ensure optimum load distribution and better protection against failure, more than one ARIS distribution and better protection against failure, more than one ARIS Business Server can be used. The default server includes: ARIS Business Server, ARIS Site Manager, ARIS Converter, VB report execution environment

ARIS Business Server saves configuration data at the operating system level. We strongly recommend protection at the operating system level to minimize the risk of data misuse. The system requirements depend on the number of users (1 GB main memory for 50 users) and use of certain features.

ARIS Business Server does not support NAT (Network Address Translation) by default.

Recommended user-releated Business Publisher/IT Inventory dimensioning					
Hardware	Processor		RAM	Controller	Hard disk
Number of users	Quantity	Name			
Up to 25 simultaneous users	1	Dual Intel® Xeon® 5.X or more current	4 GB	SAS/SATA with RAID 0 option	Rapid RAID array 15.000 rpm
Up to 100 simultaneous users	1	Dual Intel® Xeon® 5.X or more current	8 GB	SAS/SATA with RAID 0 option	Rapid RAID array 15.000 rpm
Up to 200 simultaneous users	1	Intel® Xeon® 5.X 6c or more recent	16 GB	SAS/SATA with RAID 0 option	Rapid RAID array 15.000 rpm
Up to 750 simultaneous users	2	Intel® Xeon® 5.X 6c or more recent	64 GB	SAS/SATA with RAID 0 option	Rapid RAID array 15.000 rpm

#### Recommended user-releated Client dimensioning

All programs, such as ARIS Business Architect or ARIS Business Designer, which you start as an application and not in browser mode are referred to as ARIS clients. All ARIS clients use ARIS Business Server to access the database server and thus work with a common data basis. For simultaneous use of other applications, a faster processor, additional memory, or system extension may be required.

Depending on the application scenario, large databases or models and the use of comprehensive macros may result in extended runtimes. ARIS clients and ARIS Web clients then require more RAM. More RAM is also required for automatic spell checking when more than two languages are used.

Hardware	Processor	RAM	Bandwidth	Hard disk
Recommended	Intel® Core 2; 2,33 GHz	Client installation with and without local database system: 4 GB RAM	100 MBit/s	2 GB For single-user installation: sufficient disk space for each user database.
Minimum	Intel® Core 2; 2,33 GHz	Client installation without local database system: 2 GB RAM Client installation with localdatabase system: 4 GB RAM	500 KBit/s. Lower bandwidths can result in reduced performance.	2 GB For single-user installation: sufficient disk space for each user database.

Recommended process instance related ARIS Process Performance Manager Server dimensioning					
Hardwar	Processor		RAM	Hard disk	Recommended  Database Specifications
Implementation Scenarios	Quantity	Name		free space at least	
Demo Scenario (200.000 Process Instances)	1	Dual Intel® Xeon® 5.X or more current	5 GB	5 GB	Database on PPM server machine (Table space: 1 GB)
Small Scenario (5.000.000 Process Instances)	4	Dual Intel® Xeon® 5.X or more current	16 GB	12 GB	Database on separate machine (Table space: 50 GB)
Large Scenario (25.000.000 Process Instances)	8	Intel® Xeon® 5.X 6c or more recent	64 GB	50 GB	Database on separate machine (Table space: 250 GB)

### **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 comprise that platform (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.

Legend	
✓	Supported / Released
<b>①</b>	Supported with restrictions
	Not supported / Not released
1	Installation by Software AG only
2	ARIS Process Governance only with internal Document Storage (CouchDB)
3	Except execution of Visual Basic reports
4	Including all the manufacturer's service packs
5	We disadvise JRE 1.6.0_19 or higher
6	Service enabling is not supported on non-Windows platforms
7	No released SAP JCO 2.1.x available for this server platform. Usage of SAP JCO 3.0.x is recommended.
8	Apache Tomcat 6.0.8 (64 bit) tested and released
9	Only tested with SPARC
10	Except ARIS Document Storage (CouchDB)
11	Only installed Web client without local server
12	Process Board using Flash10
13	Use of Solaris 10 only together with Tomcat 6.0.18 (64 bit)
14	Only mixed mode authentication (SQL Server and Windows Authentication Mode)
15	We recommend usage of JDBC driver version 11.2.0.2 or higher
16	ARIS default platform, database license included in the ARIS Business Server license
17	Database must be provided by the customer
18	We recommend 1 GB as the maximum size of all databases. The sum of *.db files in all data subfolders should not exceed this size.
19	Tested with SPARC + Intel processors
20	Tested with RedHat ES 5 (64 bit)
21	Itanium processors have not been approved for ARIS Process Platform installations on Windows systems
22	Tested with PA-RISC9
23	32bit only
24	It is not recommended to use CSF server 3.7.x
25	Only limited use (see "cloud ready configuration guide.pdf")
26	ARIS PPM only support Sparc Architecture
27	Only JDBC driver version 2.2.0040 (SP3) available for SQL Server 2000 is supported
28	Multi-byte character sets (such as UTF-8) are not supported
29	Supported JDBC driver: 1.2.2828 and higher
30	If you use MS SQL Server 2000/MS SQL Server 2005/MS SQL Server 2008 and plan to set up a distributed ARIS PPM system with one master server and several sub-servers, and if you use only one database instance, you need to ensure that the individual servers (especially master server and sub-servers) access different databases within the instance.
31	With MS SQL Server 2000 systems, an AND rule for function filters is impossible. This is due to a missing SQL Server 2000 function. MS SQL Server 2005 and MS SQL Server 2008 support this function.
32	ARIS PPM supports SQL Server databases set up for collation Latin1_General_BIN. SQL Server databases with other collations are not supported. You can assign the collation at the database level.
33	Supported JDBC driver: 3.0.1301 and higher. If you are using JAVA 1.6 on the PPM server side in conjunction with SQL Server 2008, you have to make sure to use the proper JDBC driver for SQL Server 2008. More information is available in the ARIS PPM Database User Guide.
34	All SAP-related PPM products (SAP-2-PPM Extractor, PPM client, CTK, and SAP content packages) work with the following SAP versions: SAP R/3 > 4.6C, SAP JCO 3.0.5
35	SAP JCO 2.1.8 is no longer supported for ARIS PPM 5.0.1 and higher – please use JCO 3.0.5 or higher instead.
36	SAP JCO 3.0.8 is available without restrictions for the following platforms: Windows XP/2000/2003, Windows Server 2008, Windows 7, Linux (Intel and AMD64 processors), Solaris (SPARC processors only). Please note: SAP JCO is a product released and supported by SAP. It works o.k. on some unreleased platforms as well, but if you want full support from SAP for SAP JCO, please check SAP websites if SAP JCO is released and supported for your desired platform.
37	SAP AG is responsible for the release of SAP software in combination with VMware. Both SAP GUI and SAP Connector are supported under Windows. For version information, please refer to the platform matrix for operating systems.
38	If you are using JAVA 1.6 on the PPM server side in conjunction with SQL Server 2008, you have to make sure to use the proper JDBC driver for SQL Server 2008. More information is available in the ARIS PPM Database User Guide.is responsible for the release of SAP software in combination with VMware. Both SAP GUI and SAP Connector are supported under Windows. For version information, please refer to the platform matrix for operating systems.
39	The desktop versions of the Windows operating system are only recommended for testing and demo purposes. Please use the server systems for your productive environment
40	Derby database is only released for testing purposes
41	Supported with ARIS 7.2.4 (Service Release 2012_04) or higher
42	ARIS Business Publisher with WebShere 7.0: Only with Oracle 11