ARIS SYSTEM REQUIREMENTS

ARIS 10

October 2026

This document applies to ARIS Version 10 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 Platforms							
	Operating System (1) (only 64 bit) (3)		Windows Server 2022	Windows Server 2025	Linux RedHat ES 9.x	Linux RedHat ES 10.x
ARIS Connect Server	10.0	YCS	✓ (4)	✓	✓	✓
Process Extractor for ARIS Process Mining SaaS (5,6)	10.0	YMS	✓ (4)	✓	✓	✓
ARIS Risk and Compliance	10.0	YRC	✓ (4)	✓	✓	✓

Legend	
✓	Supported / Released
---	Not supported / Not released / Not planned
1	Including all manufacturer's service packs & updates
2	Planned for next Release
3	x86_64 platforms
4	Although Windows Server 2022 is supported, its use is not recommended due to its approaching End of Life (EOL). We recommend migrating to a newer, actively maintained Windows Server version.
5	ARIS Process Mining from Service Release 28 (SR 28) no longer supports Process Extractor for ARIS Process Mining older than version 10 Service Release 27. We recommend installing Process Extractor for ARIS Process Mining at least with Service Release 27 or newer
6	Process Extractor for ARIS Process Mining SaaS supports SAP Systems with SAP BASIS component >= 700 or S/4HANA Requires SAP connector >=JCO 3.1

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.

SAG ARIS GmbH 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, SAG ARIS GmbH 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 (1) (only 64 bit) (4)			Windows 11	Windows Server 2022	Windows Server 2025	Linux RedHat ES 9.x / 10.x	macOS 15 (Sequoia) / masOS 26 (Tahoe)
ARIS Designer (7)	10.0	YAD	✓	✓ (5)	✓	---	---
ARIS Architect (7)	10.0	YAA	✓	✓ (5)	✓	---	---
UML Designer (7)	10.0	YUD	✓	✓ (5)	✓	---	---
ARIS Connect Viewer (6) (7)	10.0	YCSCC	✓	✓ (5)	✓	---	✓ (3)
ARIS Connect Designer (6) (7)	10.0	YCSDC	✓	✓ (5)	✓	---	✓ (3)

Legend	
✓	Supported / Released
---	Not supported / Not released / Not planned
1	Including all manufacturer's service packs & updates
2	Planned for next Release
3	Tested with MacBook Pro
4	x86_64 platforms
5	Although Windows Server 2022 is supported, its use is not recommended due to its approaching End of Life (EOL). We recommend migrating to a newer, actively maintained Windows Server version.
6	Supported minimal resolution size: 1152 x Y or higher
7	To increase ARIS security, only TLS1.2 and 1.3 are supported

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Supported Web Browser & JAVA version									
	Web Browser (1)		Microsoft Edge (5)	Google Chrome (6)	Safari 26 or higher			JAVA version (64-bit) (4)	Java 25.x
ARIS Designer	10.0	YAD	✓	✓	---				✓ (3)
ARIS Architect	10.0	YAA	✓	✓	---				✓ (3)
UML Designer	10.0	YUD	✓	✓	---				✓ (3)
ARIS Connect Viewer	10.0	YCSCC	✓	✓	✓				n.a.
ARIS Connect Designer	10.0	YCSDC	✓	✓	✓				n.a.
ARIS Risk and Compliance	10.0	YRC	✓	✓	---				n.a.

Legend	
✓	Supported / Released
---	Not supported / Not released / Not planned
n.a.	Not applicable
1	Including all manufacturer's service packs & updates
2	Planned for next Release
3	The download clients use Java 25 per default. The download can also be started using Java 17 or Java 21, but in that case, a JRE 25 is downloaded into the user's profile and used to start the ARIS client.
4	All download clients of all ARIS product editions since SR24 require a local 64-bit Java runtime environment (JRE) to be installed and will no longer work with a local 32-bit JRE. The reason has been a technology change in Java that forced us to do this step. Please make sure that you have a 64-bit JRE installed.
5	Chromium-based version 152 or higher is recommended.
6	Google Chrome 152 or higher is recommended.

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Supported Database Systems									
Database System (1)			Standard database system	PostgreSQL 18	Oracle 19.x	Oracle 21.x	MS SQL Server 2019	MS SQL Server 2022	MS SQL Server 2025
ARIS Connect Server	10.0	YCS	✓ (3)	✓	✓ (4)	✓ (4)	--- (5)	✓ (6)	✓ (6)
ARIS Risk and Compliance	10.0	YRC	✓ (3)	✓	✓ (4)	✓ (4)	--- (5)	✓ (6)	✓ (6)

Legend	
✓	Supported / Released
---	Not supported / Not released / Not planned
1	Including all manufacturer's service packs & updates
2	Planned for next Release
3	Only for demo scenarios or small number of users
4	Supported JDBC driver: 19.6.0.0 and higher / 21.19.0.0 and higher
5	Mainstream support for Microsoft SQL Server 2019 ended on February 28, 2025. We recommend using a newer version (Microsoft SQL Server 2022 or 2025).
6	Supported JDBC driver: 9.2.1 and higher. SQL Server Standard and Enterprise Editions are supported.

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Supported Mobile Platforms													
		Mobile OS (1)	iOS 26.x	iOS 27.x	Android 16	Android 17							
ARIS Connect Viewer	10.0	YCSCC	✓	✓	✓	✓							

		Tested Mobile Devices	iPad (3)	iPhone									
ARIS Connect Viewer	10.0	YCSCC	✓	---									

Legend	
✓	Supported / Released
---	Not supported / Not released / Not planned
1	Including all manufacturer's service packs & updates
2	Planned for next Release
3	Apple iPad: Devices capable of running the current or previous major version of iPadOS.

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Supported LDAP systems													
Other LDAP systems have to be configured by Software AG Global Consulting Services (GCS).													
	LDAP system (1)		Active Directory Domain Services Windows 2019 Server	Active Directory Domain Services Windows 2022 Server	Net IQ eDirectory 8.8 SP8	Oracle Directory Server Enterprise Edition 11g	IBM Tivoli Directory Server 6.1						
ARIS Connect Server	10.0	YCS	✓	✓	✓	✓	✓						
ARIS Risk and Compliance	10.0	YRC	✓	✓	✓	✓	✓						

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

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Supported Single Sign-On Technologie												
Single Sign-On (1, 3)			Kerberos	SAML 2.0 (4)								
ARIS Designer	10.0	YAD	✓	✓								
ARIS Architect	10.0	YAA	✓	✓								
UML Designer	10.0	YUD	✓	---								
ARIS Connect Viewer	10.0	YCSCC	✓	✓								
ARIS Connect Designer	10.0	YCSDC	✓	✓								
ARIS Risk and Compliance	10.0	YRC	✓	✓								

Legend	
✓	Supported / Released
---	Not supported / Not released / Not planned
1	Including all manufacturer's service packs & updates
2	Planned for next Release
3	Since ARIS 10 SR24 the download clients in the public cloud ARIS product editions (including ARIS Advanced) will by default provide single sign on. This means that the downloaded client will automatically work with the login from the portal and no login in the client itself is required any more. This has been necessary to ensure that the login to the download client also works, when SCIM/SSO is used. This improvement leads to the following change: If you want to start the download client (for example ARIS Advanced Architect or ARIS Administration client), you at first need to go to the Portal and press the download button to get a fresh download jar from the ARIS server. You can use this download jar only one time as it is only valid for a certain time period. Only this rather small download jar has to be downloaded every time. The respective ARIS client itself is not downloaded again. Further improvements that come with this change is an increased security for the download client usage: - No user credentials are stored on your local machine anymore. - It reduces the risk that an attacker could steal your client session.
4	For more details see "ARIS SSO, LDAP, KERBEROS, SAML, SCIM" section of the ARIS Technical Help.

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Supported External Systems											
External System (1) (3)			Microsoft SharePoint Online		Matomo						
ARIS Connect Server	10.0	YCS	✓		✓ (4)						

Legend	
✓	Supported / Released
---	Not supported / Not released / Not planned
1	Including all manufacturer's service packs & updates
2	Planned for next Release
3	Provided by the SharePoint Adapter for ARIS (SAA). Requires additional license.
4	Tested with version 5.3.1

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Recommended AI Chat Models (A)											
		OpenAI ChatGPT 5.1 (1,2)	OpenAI ChatGPT 5.4 (1, 3)	OpenAI ChatGPT 5.5 (1,4)	OpenAI ChatGPT 5.6 (Luna, Terra, Sol) (5)	Anthropic Claude Sonnet 4.6 (6)	Anthropic Claude Opus 4.6 (7)	Anthropic Claude Opus 4.8 (8)	Google Gemma 4 31B it (9)	Qwen 3.8 27B (10)	
ARIS AI Companion (without Process Mining)	10.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	
ARIS Process Lens	10.0	✓	✓	✓	✓	✓	✓	✓	✓	---	
ARIS AI Companion in Process Mining	10.0	✓	✓	✓	✓	✓	✓	✓	✓	---	

Legend	
✓	Supported / Released
---	Not supported / Not released / Not planned
A	Information in this document is provided with due care and diligence. Recommended models may change if the respective provider publishes changes; ARIS accepts no liability for such third-party changes.
1	general-purpose full-size model variant only (i.e., not the Mini, Nano, Codex etc. variants)
2	see https://developers.openai.com/api/docs/models/gpt-5.1
3	see https://developers.openai.com/api/docs/models/gpt-5.4
4	see https://developers.openai.com/api/docs/models/gpt-5.5
5	see https://developers.openai.com/api/docs/models/gpt-5.6-luna, https://developers.openai.com/api/docs/models/gpt-5.6-terra, https://developers.openai.com/api/docs/models/gpt-5.6-sol
6	see http://anthropic.com/claude-sonnet-4-6-system-card
7	see https://anthropic.com/claude-opus-4-6-system-card
8	see https://anthropic.com/claude-opus-4-8-system-card
9	see https://ai.google.dev/gemma/docs/core/model_card_4 and https://huggingface.co/google/gemma-4-31B-it
10	see https://huggingface.co/Qwen/Qwen3.8-27B

Recommended Embedding Models (A)											
		OpenAI text-embedding-3-large (1)	BAAI BGE-m3 (2)								
ARIS AI Companion (without Process Mining)	10.0	✓	✓								
ARIS Process Lens	10.0	n/a (Process Lens currently does not use embedding models)									
ARIS AI Companion in Process Mining	10.0	n/a (Process Mining currently does not use embedding models)									

Legend	
✓	Supported / Released
---	Not supported / Not released / Not planned
A	Information in this document is provided with due care and diligence. Recommended models may change if the respective provider publishes changes; ARIS accepts no liability for such third-party changes.
1	see https://developers.openai.com/api/docs/models/text-embedding-3-large
2	see https://huggingface.co/BAAI/bge-m3

Supported AI Chat APIs (A, B)								
		OpenAI Chat Completions (1)	OpenAI Responses API	AWS Bedrock Converse API (2)	Azure Open AI Chat Completions (3)	Ollama Chat API (4)		
ARIS AI Companion (without Process Mining)	10.0	✓	---	✓	✓	✓		
ARIS Process Lens	10.0	✓	---	✓	✓	✓		
ARIS AI Companion in Process Mining	10.0	✓	---	✓	✓	✓		

Legend	
✓	Supported / Released
---	Not supported / Not released / Not planned
A	Information in this document is provided with due care and diligence. Supported APIs may change if the respective provider publishes changes; ARIS accepts no liability for such third-party changes.
B	requires models with support for response streaming, tool calls and multi-modality (image input)
1	as specified at https://developers.openai.com/api/reference/resources/chat/subresources/completions/methods/create
2	as specified at https://docs.aws.amazon.com/bedrock/latest/userguide/inference-responses-api.html
3	as specified at https://learn.microsoft.com/en-us/rest/api/microsoft-foundry/azureopenai/chat
4	as specified at https://docs.ollama.com/api/chat

Supported Embedding APIs (A)								
		OpenAI Embeddings (1)	AWS Bedrock InvokeModel API (2,3)	Azure Open AI Embeddings (4)	Ollama Embed API (5)			
ARIS AI Companion (without Process Mining)	10.0	✓	✓	✓	✓			
ARIS Process Lens	10.0	n/a (Process Lens currently does not use embedding models)						
ARIS AI Companion in Process Mining	10.0	n/a (Process Mining currently does not use embedding models)						

Legend	
✓	Supported / Released
---	Not supported / Not released / Not planned
A	Information in this document is provided with due care and diligence. Supported APIs may change if the respective provider publishes changes; ARIS accepts no liability for such third-party changes.
1	as specified at https://developers.openai.com/api/reference/resources/embeddings/methods/create
2	as specified at https://docs.aws.amazon.com/bedrock/latest/APIReference/API_runtime_InvokeModel.html
3	for Titan and Cohere embedding models only
4	as specified at https://learn.microsoft.com/en-us/rest/api/microsoft-foundry/azureopenai/embeddings
5	as specified at https://docs.ollama.com/api/embed

Languages																					
		Languages	Arabic	Chinese (Simplified Chinese)	Czech	Danish	Dutch	English	French	German	Hungarian	Korean	Italian	Japanese	Norwegian Bokmal	Polish	Portuguese (Brazilian Portuguese)	Russian	Spanish	Swedish	Turkish	Ukrainian
ARIS Connect Server	10.0	YCS	✓ (1)	✓ (1)	✓ (1)	---	✓ (1)	✓	✓	✓	✓ (1)	✓ (1)	✓ (1)	✓	---	✓ (1)	✓ (1)	✓ (1)	✓ (1)	---	✓ (1)	✓ (1)
ARIS Viewer	10.0	YBU	✓ (1)	✓ (1)	✓ (1)	---	✓ (1)	✓	✓	✓	✓ (1)	✓ (1)	✓ (1)	✓	---	✓ (1)	✓ (1)	✓ (1)	✓ (1)	---	✓ (1)	✓ (1)
ARIS Designer	10.0	YAD	✓ (1)	✓ (1)	✓ (1)	---	✓ (1)	✓	✓	✓	✓ (1)	✓ (1)	✓ (1)	✓	---	✓ (1)	✓ (1)	✓ (1)	✓ (1)	---	✓ (1)	✓ (1)
ARIS Architect	10.0	YAA	✓ (1)	✓ (1)	✓ (1)	---	✓ (1)	✓	✓	✓	✓ (1)	✓ (1)	✓ (1)	✓	---	✓ (1)	✓ (1)	✓ (1)	✓ (1)	---	✓ (1)	✓ (1)
UML Designer	10.0	YUD	✓ (1)	✓ (1)	✓ (1)	---	✓ (1)	✓	✓	✓	✓ (1)	✓ (1)	✓ (1)	✓	---	✓ (1)	✓ (1)	✓ (1)	✓ (1)	---	✓ (1)	✓ (1)
ARIS Connect Viewer	10.0	YCSCC	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓	✓	✓	✓ (1)	✓ (1)	✓ (1)	✓	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)
ARIS Connect Designer	10.0	YCSDC	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓	✓	✓	✓ (1)	✓ (1)	✓ (1)	✓	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Process Extractor for ARIS Process Mining SaaS	10.0	YMS	---	---	---	---	---	✓	---	---	---	---	---	---	---	---	---	---	---	---	---	---
ARIS Risk and Compliance	10.0	YRC	✓ (1,3)	✓ (1)	---	---	✓ (1)	✓	✓	✓	✓ (1)	---	✓ (1)	✓	---	---	✓ (1)	---	✓	---	---	---

Legend	
✓	Supported / Released
---	Not supported / Not released / Not planned
1	Documentation and online help in English
2	Planned for next Release
3	No RTL layout, translation only

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Recommended Hardware

Scenario	# Conc. Users	Single Server	Distributed / Fail safe
Recommended Hardware Configuration ARIS Connect Server (without Dashboarding)			
Medium	1-50	28 GB (free RAM) / 16 CPU Cores >= 100GB free HD Space (2)	
Large (Oracle or MS SQL recommended)	50-200	36 GB (free RAM) / >= 16 CPU Cores >= 200GB free HD Space (2)	(Individual) Configuration (1)
XL, XXL, ... (Custom) (only with Oracle or MS SQL)	>200	(Individual) Configuration (1)	
Recommended Hardware Configuration ARIS Connect Server (with Dashboarding)			
Medium	1-50	32 GB (free RAM) / 16 CPU Cores >= 100GB free HD Space (2)	
Large (Oracle or MS SQL recommended)	50-200	44 GB (free RAM) / >= 16 CPU Cores >= 200GB free HD Space (2)	(Individual) Configuration (1)
XL, XXL, ... (Custom) (only with Oracle or MS SQL)	>200	(Individual) Configuration (1)	
Recommended Hardware Configuration ARIS Connect Server (with ARIS Risk and Compliance without ARIS Aware)			
Medium	1-50	32 GB (free RAM) / 16 CPU Cores >= 100GB free HD Space (2)	
Large (Oracle or MS SQL recommended)	50-200	44 GB (free RAM) / >= 24 CPU Cores >= 200GB free HD Space (2)	(Individual) Configuration (1)
XL, XXL, ... (Custom) (only with Oracle or MS SQL)	>200	(Individual) Configuration (1)	
Recommended Hardware Configuration ARIS Connect Server (with ARIS Risk and Compliance & ARIS Aware)			
Medium	1-50	36 GB (free RAM) / 16 CPU Cores >= 100GB free HD Space (2)	
Large (Oracle or MS SQL recommended)	50-200	52 GB (free RAM) / >= 24 CPU Cores >= 200GB free HD Space (2)	(Individual) Configuration (1)
XL, XXL, ... (Custom) (only with Oracle or MS SQL)	>200	(Individual) Configuration (1)	
Recommended Hardware Configuration Database Server (Oracle or MS SQL)			
Large (Oracle or MS SQL recommended)	50-200	64 GB (free RAM) / >= 24 CPU Cores >= 1TB free HD Space (2)	(Individual) Configuration (1)
XL, XXL, ... (Custom) (only with Oracle or MS SQL)	>200	(Individual) Configuration (1)	

Recommended Hardware Configuration ARIS Clients

Scenario	# Users	Hardware	Network
ARIS Client	1	4 CPU Cores / 4GB (free RAM) >= 2GB free HD Space	Recommended bandwidth: >100 Mbit/s Lower bandwidths can result in reduced performance. Recommended latency: <150ms Higher latency can result in reduced performance.

(1) Please contact ARIS Support

(2) We recommend this disc space for a new installation. For an update, we recommend more free HD space (at least 100GB plus size of current work space).
We recommend to use SSD (> 5.000 IOPS) for best performance.

(free RAM) This is the memory required for ARIS itself. Additional memory for the operating system or other applications must be added.

We recommend 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. We recommend to run ARIS on dedicated hardware (no other application systems than ARIS on the same host).

The database server (MSSQL/Oracle) must be installed, configured and sized according to the manufacturer's instructions.
To avoid performance issues, the following is recommended:

- **A dedicated Oracle database instance should be provided to host ARIS data only**
- **ARIS Servers and the DBMS server should be on different hosts**
- **The DBMS server should be on a physical host**
- **ARIS servers and the DBMS server have to be connected with a high performance network (> 1Gbit/s, very low latency). Network bandwidth and latency should be monitored and have to be ensured at all times, independent from the load on the ARIS servers or other systems that might share the same network connection.**

Concerning the sizing of an Oracle database server we recommend to set the memory_target to a minimum value of 4 GB or 10% of the total size of all segments in all schemas, whichever is higher.
Concerning the sizing of a SQL Server instance we recommend to set the "max server memory (MB)" parameter to a minimum of 4000 or 10% of the space that is used in the SQL Server database for ARIS, whichever is higher. In case the SQL server is not dedicated to host only ARIS as application, the value has to be increased in the respective sense.

Virtual Machine Support

SAG ARIS GmbH 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 ARIS 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.

SAG ARIS GmbH 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. We recommend physical hardware or, if ARIS products are used in a virtual environment, sufficient resources must be available in order to avoid the risk of overbooking.

SAG ARIS GmbH 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 SAG ARIS GmbH 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. ARIS Global Support will refer customers to the Professional 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.

Legal information

Data protection

ARIS products provide functionality with respect to processing of personal data according to the EU General Data Protection Regulation (GDPR).
Where applicable, appropriate steps are documented in the respective administration documentation.

Restrictions

ARIS products are intended and developed for use by persons. Automated processes, such as the generation of content and the import of objects/artifacts via interfaces, can lead to an outsized amount of data, and their execution may exceed processing capacities and physical limits. For example, processing capacities are exceeded if models and diagrams transcend the size of the modeling area or an extremely high number of processing operations is started simultaneously. Physical limits may be exceeded if the memory available is not sufficient for the execution of operations or the storage of data.

Proper operation of ARIS products requires the availability of a reliable and fast network connection. Networks with insufficient response time will reduce system performance and may cause timeouts.

If ARIS products are used in a virtual environment, sufficient resources must be available there in order to avoid the risk of overbooking.

The system was tested using scenarios that included 100,000 groups (folders), 100,000 users, and 1,000,000 modeling artifacts. It supports a modeling area of 25 square meters.

If projects or repositories are larger than the maximum size allowed, a powerful functionality is available to break them down into smaller, more manageable parts.

Some restrictions may apply when working with process administration, ARIS Administration ARIS document storage, and ARIS Process Board, and when generating executable processes. Process Governance has been tested and approved for 1000 parallel process instances. However, the number may vary depending on process complexity, for example, if custom reports are integrated.

Versioning: Length of a changelist description is limited to 1000 chars.

'Export user statistics' procedure: Ensure that the maximum number of entries included do not exceed 500.000.

ARIS document storage was tested with 40.000 document items. This includes documents, document versions or folders. We recommend monitoring the number and overall size of stored document items and archiving some document items if needed.

Using software or hardware that directly creates, reads, updates, or deletes data in the underlying database systems or data storage services instead of using the officially documented application level APIs is not supported. It could lead to a loss of data, malfunction of the product, or data security breaches.

Web Application Firewall (WAF) with "blocking mode" is not officially supported.
Blocking mode means that the Web Application Firewall (WAF) is actively blocking traffic (from client to server), which means ARIS will not be working correctly anymore as only the whitelisted connections would be allowed. As a software vendor, we can't provide support here. We advise using the logging mode to identify valid requests and create the corresponding exceptions in the WAF.