

# scopeArchiv™ 5.4 / scopeOAIS™ 5.4 Minimal Requirements (Hardware & Software)

## Database

Hardware and software recommendations for a productive environment:

Hardware/Software	Small/medium archive 250'000 UoDs	Larger archives 3'000'000 UoDs
Operating System	Windows Server 2022	Windows Server 2022
Processor (AMD64 or Intel EM64T) (max. 16 Cores, 2 Sockets) (min. 3.3 GHz) for Oracle SE valid only for dedicated Hardware	4 Cores for Oracle System + 2 Cores for OS = 6 Cores	8 Cores for Oracle System + 2 Cores for OS = 10 Cores
RAM	48 GB	128 GB
Database management system (DBMS)	Oracle Database 19c Standard Edition (Support until the end of 2029)  <b>Required setup:</b> <i>Database Character Set</i> AL32UTF8, <i>Parameter</i> Optimizer_Dynamic_Sampling=0 <i>Components</i> Oracle Text, XDB - select * from dba_registry where comp_id in ('XDB','CONTEXT');	

Shares size recommendations for a Windows productive environment:

Shares	Small/medium archive 250'000 UoDs	Larger archives 3'000'000 UoDs	Comment
C:\MS Operating System	100 GB (local Storage)	100 GB (local Storage)	
D:\ Oracle Installation (Binaries)	50 GB (local Storage)	50 GB (local Storage)	
E:\ Data (LOB, IDX und DATA)	200 GB (external Storage)	500 GB (external Storage)	Approx. 0.25 to 0.6 GB per 1000 UoDs
F:\ DIAG (Alertlog, Trace and CoreDumps, Auditing)	50 GB (external Storage)	50 GB (external Storage)	
G:\ Logs (Redologs)	40 GB (external Storage)	40 GB (external Storage)	
H:\ Archive (Backup, FRA)	200 GB (possibly a NAS)	500 GB (possibly a NAS)	Approx. 0.25 to 0.6 GB per 1000 UoDs

## scopeArchiv & other desktop-products (32bit)

Hardware:

- Processor Intel or AMD processor of the latest generation
- Memory at least 16 GB RAM recommended
- Disk space: scopeArchiv™ 300 MB, all client-products 500 MB
- Network share for linked files (if needed)

Operating System:

- Microsoft Windows 10 or Microsoft Windows 11
- MS Microsoft Server Standard Edition (with Client Access Licences) 2019, 2022

Additional Software:

- Microsoft .NET Framework 4.7.1
- Oracle 19c Full (32bit) according to database version
- Microsoft Visual C++ 2015 Redistributable X86 14.0.23026.0 (32bit)
- Crystal Reports Runtime 13.0.22 (32bit)

**Optional Additional Software:**

- Crystal Reports Professional Version 13.0.22 for creation of customer specific reports
- Microsoft Office 365 offline version (when using scopeOfficeWord-PlugIn and/or scopeOfficeExcel-PlugIn)

**scopeQuery / scopeRC / scopeGO!****Hardware:**

- 4 Cores
- Memory, at least 32 GB RAM
- Disk space:
  - Operating System approx. 100 GB
  - scope Software and logs approx. 500 GB

**Operating System:**

- MS Microsoft Server Standard Edition 2019, 2022

**Additional Software:**

- Microsoft Internet Information Server IIS 10 (with certificates for https)
- Microsoft .NET Framework 4.7.1
- Oracle 19c Full (32bit) according to database version (scopeQuery only)
- scopeAuth-Service with certificates (scopeOrderManager-Service only)

**Supported browsers**

- scopeQuery / scopeRC: Microsoft Edge, Mozilla Firefox, Chrome (latest versions)
- scopeGO!
  - Desktop: Chrome (latest version)

**scopeOAIS (Ingest)****Hardware:**

- 8 Cores
- Memory, at least 48 GB RAM
- Disk space:
  - Operating System approx. 200 GB
  - scope Software and logs approx. 1 TB
  - Shortterm for temporary files min. 5 TB (customer specific)
  - Longterm for Fedora AIPs min. 5 TB (customer specific)

**Operating System:**

- MS Microsoft Server Standard Edition 2019, 2022

**Additional Software:**

- Microsoft .NET Framework 4.7.1
- Oracle 19c Full (32bit/64bit) according to database version

**Optional Additional Software:**

- Microsoft Office 365 offline version (for Office converters)

**scopeOrderManager****Hardware:**

scopeOrderManager-Service (if running on a separate server, otherwise not needed)

- 2 Cores
- Memory 8GB RAM
- Disk space: Operating System & scope Software approx. 100 GB

**Operating System:**

- MS Microsoft Server Standard Edition 2019, 2022

## scopeAuth

### *Hardware:*

scopeAuth-Service (if running on a separate server, otherwise not needed)

- 2 Cores
- Memory 8GB RAM
- Disk space: Operating System & scope Software approx. 100 GB

### *Operating System:*

- MS Microsoft Server Standard Edition 2019, 2022

### *Additional Software:*

- Certificate

## scopePackager

### Hardware:

- scopePackageExplorer-Service (for intranet use)
  - 2 Cores
  - Memory 32 GB RAM
- scopePackageViewer-Service (for external access over the internet)
  - 2 Cores
  - Memory 32 GB RAM
- DIP-Storage (1 instance intern and 1 instance extern)
  - Disk space must be defined with the customer (scopePackageExplorer needs up to 3 times the disk-space of an AIP in case of full-text indexation for each internal and external storage and the AIP-previews are stored for 14 days as default)

### Operating System:

- MS Microsoft Server Standard Edition 2019, 2022

### Supported browsers

- Desktop: Microsoft Edge, Mozilla Firefox, Chrome (latest versions)
- Mobile device: Chrome, Microsoft Edge
- Screen resolution: 1920x1080 (desktop), 768 x 1024 (tablets)

### Additional Software:

- Microsoft Internet Information Server IIS 10 (with certificates for https)
- scopeAuth-Service
- Certificate

## scopeConverter

### Hardware:

- Memory, at least 32 GB RAM
- Disk space must be defined with the customer

### Operating System:

- Linux (reference installation on Ubuntu 14.04.2 LTS)

### Additional Software:

- Java 8 VM (Oracle JDK, OpenJDK)
- Wildfly 10.1.0
- MySQL Server 5.7.43

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Subject to alterations

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