Minimal System Requirements

scopeArchiv™ 5.3 / scopeOAIS™ 5.3

scopeArchiv™ & other desktop-products (32bit)

Hardware
- Processor Intel or AMD processor of the latest generation
- Memory: at least 8 GB RAM, 16 GB RAM recommended (depending on operation system)
- Screen: at least 1280 x 1024 High Color, 32-bit. 1920x1080 (recommended)
- Disk space: scopeArchiv™ 300 MB, all client-products 500 MB (without additional software, without .NET Framework, without Oracle Client).

Operating System
- Microsoft Windows >= 10, Windows Server >= 2019

Additional Software
- Microsoft .NET Framework 4.7.1
- Oracle 19c Full Client (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 2019 / Office 365 (when using Word-Template-Plug-In and/or Excel-Export-Plug-In)

Database

Hardware
- 1 CPU of the latest generation (Intel or AMD) with at least 6 cores per CPU, 3.0GHz or higher
- Memory: at least 32GB RAM
- Disk space must be defined with the customer

Operating System
- See certification information for Oracle Database:
    - Go to https://docs.oracle.com/en/database/oracle/oracle-database/index.html
    - Select the Database Release
    - Topics install and upgrade → Release notes

Database management system (DBMS)
- Oracle Database 19c
- Required database setup:
    - Database Character Set: AL32UTF8,
    - Parameter: Optimizer_Dynamic_Sampling=0
    - Components: Oracle Text, XDB - select * from dba_registry where comp_id in ('XDB','CONTEXT')

scopeQuery / scopeRecordsCenter / scopeGO!

Hardware
- 1 CPU of the latest generation (Intel or AMD) with at least 2 cores per CPU
- Memory, at least 8GB RAM
- Disk space: 25GB excluding operating system

Operating System
- >= 2019

Additional Software
- Microsoft Internet Information Server IIS 8.5
- Microsoft .NET Framework 4.7.1
- scopeQuery only
    - Oracle Full Client (32bit) according to database version
    - scopeAuth (depending on the configuration of the Order-Counter)

Supported browsers
- scopeQuery / scopeRecordsCenter: Microsoft Edge, Mozilla Firefox latest Version, Chrome latest Version
- scopeGO!
  - Desktop: Firefox, Chrome, Microsoft Edge
  - Mobile device: Chrome, Microsoft Edge
  - Screen resolution: 1920x1080 (desktop), 768 x 1024 (tablets)

scopeXplore

Hardware
- RabbitMQ-Server: 1 CPU of the latest generation (Intel or AMD) with at least 2 cores per CPU, at least 4 GB RAM, 60 GB disk-space (SSD recommended)
- Elasticsearch-Server: 1 CPU of the latest generation (Intel or AMD) with at least 4 cores per CPU, at least 32 GB RAM, 80 GB disk-space (SSD recommended)
- PostgreSQL-Server: 1 CPU of the latest generation (Intel or AMD) with at least 2 cores per CPU, at least 4 GB RAM, 160 GB disk-space
- Webfront-Server: 1 CPU of the latest generation (Intel or AMD) with at least 4 cores per CPU, at least 4 GB RAM, 30 GB disk-space (includes Workers-Server in configuration S)
- Workers-Server: 1 CPU of the latest generation (Intel or AMD) with at least 4 cores per CPU, at least 4 GB RAM, 30 GB disk-space (only for configuration M)
- SAN-storage for archival data: disk space must be defined with the customer (2 times the EAD-files plus the media)

Operating System
- Debian 9 or up

Packaged Software
- PHP 7.2 or up
- RabbitMQ 3.6 or up
- PostgreSQL 10 or up
- Elasticsearch 5.6 or up
- Supervisor 3.3 or up

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

scopeXploreSync

Hardware
- 1 CPU of the latest generation (Intel or AMD). 2 cores per CPU recommended
- Memory: 16GB

Operating System
- Windows Server >= 2019

Supported browsers for client
- Desktop: Firefox, Chrome, Microsoft Edge
- Mobile device: Chrome, Microsoft Edge
- Screen resolution: 1920x1080 (desktop), 768 x 1024 (tablets)

Additional Software
- Kestrel webserver (.NET Core Runtime and hosting bundle 3.1.1+) -possibility to configure MS-IIS, Apache, etc. as reverse proxy-
- Microsoft Internet Information Server IIS 8.5+ for the client
- scopeAuth
- Java 8 VM (Oracle JDK, OpenJDK)

scopeOAIS

Hardware
- 1 CPU of the latest generation (Intel or AMD) with at least 6 cores per CPU, 3.0GHz or higher
- Memory, at least 32 GB RAM
- Disk space: Separate partition of at least 100GB
- Connection to a network drive (HDD sizes must be obtained from customer-specific)

Operating System
- Microsoft Server >= 2019

Additional Software
- Microsoft .NET Framework 4.7.1
- Oracle 19c Full Client (32bit/64bit) according to the Operating System and database version
- Java 8 VM (Oracle JDK, OpenJDK)

Optional Additional Software
- Other additional software in connection with conversion or transformation (ghostscript, MS Office, etc.)

scopeOrderManager

Hardware
- OrderManager can be mutualized on a server with standard sizing.
- 1 CPU of the latest generation (Intel or AMD)
- Memory 8GB RAM
- Disk space: 5GB
- Connection to a network drive (HDD sizes must be obtained from customer-specific)

Operating System
- Windows Server >= 2019

Additional Software
- Kestrel webserver (.NET Core Runtime and hosting bundle 3.1.1+) -possibility to configure MS-IIS, Apache, etc. as reverse proxy-
- scopeAuth
- Java 8 VM (Oracle JDK, OpenJDK)

scopeAuth

Hardware
- scopeAuth can be mutualized on a server with standard sizing.
- 1 CPU of the latest generation (Intel or AMD)
- Memory 8GB RAM

Operating System
- Windows Server >= 2019

Additional Software
- Kestrel webserver (.NET Core Runtime and hosting bundle 3.1.1+) -possibility to configure MS-IIS, Apache, etc. as reverse proxy-
- Java 8 VM (Oracle JDK, OpenJDK)
- Digital certificates

scopePackager

Hardware
- Package-Explorer (Service, Client & Housekeeper) [Internal]
    - 1 CPU of the latest generation (Intel or AMD) with at least 2 cores per CPU, 2.0GHz or higher
    - Memory 32GB RAM
    - Package-Explorer Service, Package-Explorer Client and the Housekeeper can be mutualized.
- Package-Viewer (Service, Client & Housekeeper) [External]
    - 1 CPU of the latest generation (Intel or AMD) with at least 2 cores per CPU, 2.0GHz or higher
    - Memory 16GB RAM
- DIP-Storage (1 instance intern and 1 instance extern)
    - Disk space must be defined with the customer (Package-Explore 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 2 x lifetime days)

Operating System
- Windows Server >= 2019

Supported browsers for clients
- Desktop: Firefox, Chrome, Microsoft Edge
- Mobile device: Chrome, Microsoft Edge
- Screen resolution: 1920x1080 (desktop), 768 x 1024 (tablets)

Additional Software
- Kestrel webserver (.NET Core Runtime and hosting bundle 3.1.1+) -possibility to configure MS-IIS, Apache, etc. as reverse proxy-
- Microsoft Internet Information Server IIS 8.5+ for Client
- scopeAuth
- Digital certificates

RODA-In

Operating System
- Windows 10
- Mac OS X El Capitan
- Ubuntu Desktop 14

Additional Software
- Java 8 VM (Oracle JDK, OpenJDK)

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 9.0.2
- MySQL Server 5.5+