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# synedra Control

Feature overview  
Version 3.1.0.x "Artemis"

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synedra information technologies

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## 1. Feature overview

### 1.1. General features

- Web interface for the administration of synedra AIM
- Customizable design options (the customer's logo can be inserted)
- Available in German, English and French
- Easy to use (e.g. through the support of suggest boxes in search forms)
- Available on each PC in the LAN via web browser
- IHE-compliant support of XDS and XDS-I (Cross-Enterprise-Document-Sharing) for a standardized exchange of data between health facilities
- Complete initial configuration of synedra AIM without the need to intervene on the system level
- Archive maintenance: administration of patient-related data
- Monitoring of the system state of all servers in a computer cluster
- Easy administration of all archive nodes contained in synedra AIM
- Easy overview of orders in synedra AIM, order correction functions
- Access permissions can be flexibly defined
- Anonymized view on data (the AIM administrator can authorize synedra View users to view anonymized archive data, without being able to deduce the identity of the patient)
- Function for undoing archive and document locks

- Auditing of accesses, modifications,...
- Documentation pool for the distribution of helpful documentation (e.g., workflow descriptions, video tutorials,...)

## 1.2. Administration of patient-related data

- Searching, editing and restorable deletion of patient data, documents and visits
- Delete functions for a definitive deletion of documents
- Search for "ADT-managed" data, e.g., data managed by a HIS or a RIS
- Administration view for orders
- Extended document search fields: ordering provider, producer, document type,...
- Reassigning: assign a patient context to another patient
- Image and video display
- Download function; direct opening of downloads in synedra View
- Display of the DICOM header
- Sending of DICOM and non-DICOM images
- The "Create a new DICOM StudyInstanceUID" feature allows for an already archived DICOM StudyInstanceUID to be made free for an anewed import of images based on an already used order
- Index administration for the monitoring and control of indices for the fulltext search
- Patient correction function

## 1.3. Administration of organization-related data

- Creation, modification, deletion and search of users, user rights, departments and workstations
- Overview of all permissions of a user
- Display of audit information
- Definition of hierarchical organization structures: legal entities, clinics, departments,...
- Linking of users with organization units
- Linking of workstations with DICOM communication partners
- Linking of DICOM communication partners with organization units
- Activation and deactivation of user accounts, configurable validity period for passwords
- Flexible administration of synedra AIM user permissions to assign permissions for special functions
- The permissions of an existing role can be copied when creating a new role
- AIM "base role" for permissions required for all users

## 1.4. Keywords

- A default value can be defined for a keyword class
- Pre-defined keyword groups with keyword classes are available

- XML import and export with keywords possible

## 1.5. Storage management of the archive cluster

- Graphic display of the fill level of the nodes
- Display of the available import and data update memory
- Activation and deactivation of the memory pool
- Allocation of memory pools, configurable for each department
- Definition of the compression algorithm to be used, configurable for each department
- Definition of the replication logic for data security and system performance

## 1.6. System state

- Graphic overview of the system state of the entire cluster
- Detail view for each individual server: disks, memory, processes

## 1.7. Data base tools

- Direct execution of SQL requests
- Storage of and quick access to frequently used, configurable requests

## 1.8. Installation, configuration and update of the AIM client modules View and Print

- Installation packages can be downloaded from the server to your local machine
- The configuration settings of the rolled-out synedra AIM client modules View and Print can be centrally configured:
  - for individual hosts
  - for individual users
  - for all hosts in the entire hospital
  - for all hosts of a department (organization unit)
- Automatic update of the rolled-out synedra AIM client modules View and Print