

SeMSy® III Server Software

Server Software for the SeMSy® III Video Management System

SeMSy® III

SeMSy® III is a high-performance and future-proof video management system with ultimate user friendliness. It offers a comprehensive range of functions, including the display of live images, various search options within the footage, the control of PTZ cameras and an easy archiving of relevant sequences.



SeMSy® III Setup Server Software

The SeMSy® III Setup Server software is the central **configuration software** for the entire SeMSy® III video management system. The software allows for the definition of the complete system (cameras / encoders, monitors / decoders, workstations, users, user rights, etc.). The configuration data are saved in the integrated database and made available to all connected devices and functions in real-time.

SeMSy® III Main Server Software

The SeMSy® III Main Server software is the central **management software** for the entire SeMSy® III video management system. The software manages all connections, streams, monitors (virtual matrix) and states of the complete systems. All required configuration data (cameras / encoders, monitors / decoders, addresses, rights, priorities, etc.) are requested from the SeMSy® III Setup Server.

SeMSy® III Standby Server Software

The SeMSy® III Standby Server software is a **failover** (hot standby) for the SeMSy® III Main Server. In case of a failure, the SeMSy® III Standby Server instantly takes over the management of all connections, streams, monitors (virtual matrix) and states of the entire SeMSy® III video management system.

SeMSy® III Failover Server Software

The SeMSy® III Failover Server Software is a **failover** (hot standby) for network-based Dallmeier recording systems. The software permanently monitors the availability of all recording systems in the SeMSy® III video management system. When the recording of a system is interrupted (fail of the device, loss of the network connection, HDD or RAID failure), the Failover Server switches all streams for the recording on the defined spare recording system.

SeMSy® III Archive Server Software

The SeMSy® III Archive Server software is the central software for all **backups** of the entire SeMSy® III video management system. The individual backups can be defined and triggered with the SeMSy® III Archive Client module on the various SeMSy® III Workstations. Subsequently, the SeMSy® III Archive Server software requests the defined audio and video sequence from the relevant recording systems and stores it directly on the Archive Server or on a corresponding storage system (NAS oder DAS).

SeMSy® III PGuard 7 Server Software

The SeMSy® III PGuard 7 Server software is the central software for the **message management** in a SeMSy® III video management system. The integrated application **PGuard 7 Archiver** receives the messages (e.g. status, events, alarms) from the various Dallmeier recording systems over the Ethernet and saves them in the integrated **database**. The stored messages can be requested and processed by any SeMSy® III Workstation with an integrated **SeMSy® III PGuard module**.

SeMSy® III Sequencer Server Software

The SeMSy® III Sequencer Server Software is the central software for the provision of **display sequences** consisting of cameras or encoders in a SeMSy® III video management system. The individual sequences can be defined at the various SeMSy® III workstations and activated for display in several splits of any monitor wall. The corresponding SeMSy® III Variodecoder receives the sequence information automatically from the server software and continues the **display of the sequence even after the workstation has been shut down**.

SeMSy® III Interface Server Software

The SeMSy® III Interface Server software forms an **interface between external devices** and a SeMSy® III video management system. The interface software receives data from external devices (e.g. cash register, access control, dealing shoe) over the Ethernet and saves them in the integrated database. The received data can be processed and forwarded to various devices in the SeMSy® III video management system (recording systems, SeMSy® III PGuard 7 Server, SeMSy® III Workstation) in order to trigger an action.

SeMSy® III Server Software

Server Software for the SeMSy® III Video Management System

Server Software	
003322	SeMSy® III Setup Server Software License for the use of a Setup Server
005275	SeMSy® III Professional Main Server Software License for the use of a Main Server for a SeMSy® III Professional Package (1× dongle)
005277	SeMSy® III Enterprise Main Server Software License for the use of a Main Server for a SeMSy® III Enterprise Package (1× dongle)
005279	SeMSy® III Professional Standby Server Software License for the use of a Standby Server for a SeMSy® III Professional Package (1× dongle)
005281	SeMSy® III Enterprise Standby Server Software License for the use of a Standby Server for a SeMSy® III Enterprise Package (1× dongle)
005273	SeMSy® III Failover Server Software License for the use of a Failover Server (1× dongle)
005283	SeMSy® III Archive Server Software License for the use of an Archive Server (1× dongle)
005285	SeMSy® III PGuard 7 Server Software License for the use of a PGuard 7 Server (1× dongle)
006597	SeMSy® III Sequencer Server Software License for the use of an Sequencer Server (1× dongle)
005287	SeMSy® III Interface Server Software License for the use of an Interface Server (1× dongle)
Main Server Licenses	
003303	SeMSy® III 1× Workstation Server License Main Server license for the connection of a SeMSy® III Workstation
003300	SeMSy® III 10× Channel Server License Main Server license for the connection of 10 channels
003301	SeMSy® III 50× Channel Server License Main Server license for the connection of 50 channels
003302	SeMSy® III 100× Channel Server License Main Server license for the connection of 100 channels
Accessories	
004847	 <p>Server Rack-Mount 1 RU Server hardware, 1 RU rack-mount, Quad-Core 3.1 GHz CPU, 8 GB DDR3 RAM, 2× power supply unit, without HDD, RAID 1 and license for Microsoft Windows 10 Pro included</p>

SeMSy® III Server Software

Server Software for the SeMSy® III Video Management System

General Specifications

Language	English
Operating system	Microsoft® Windows® 10 Pro 64 Bit
Hardware	Server Rack-Mount 1 RU (004847) or comparable

Functions and Features

SeMSy® III Setup Server software	<ul style="list-style-type: none"> Database for all cameras / encoders and monitors / decoders Management of an unlimited number of user groups and users Password protection for user groups and users Restrictions on password validity Assignment of administrative rights to user groups PTZ control priorities for user groups Division of encoders into different areas (area code) Free assignment of camera numbers and camera names PTZ control for Dallmeier and third-party cameras Management of unicast and multicast IP addresses Limitation of the availability of encoders to user groups Limitation of PTZ control for user groups Limitation of PTZ control through password Limitation of the playback functions for user groups Management of dual encoding Display of encoders with audio (via SeMSy® III Workstation) Management of I/O contacts Free assignment of decoder names Free assignment of IP addresses Free assignment of descriptions and tooltips Division of encoders and decoders into groups and levels Allocation of decoders to workstations or user groups
SeMSy® III Main Server software	<ul style="list-style-type: none"> Simultaneous management of up to 1,500 analog or 750 IP-based video channels per server Cascadable for an unlimited number of video channels Control of unicast and multicast connections Receiving of configuration data from the SeMSy® III Setup Server Redundancy in conjunction with a SeMSy® III Standby Server (hot standby) Monitoring of events and errors Monitoring of the availability of cameras / encoders and monitors / decoders
SeMSy® III Standby Server Software	<ul style="list-style-type: none"> Configuration identical with SeMSy® III Main Server Hot standby with automatic and instant takeover of all functions Simultaneous management of up to 1,500 analog or 750 IP-based video channels per server Cascadable for an unlimited number of video channels Control of unicast and multicast connections Receiving of configuration data from SeMSy® III Setup Server Monitoring of events and errors Monitoring of the availability of cameras / encoders and monitors / decoders
SeMSy® III Failover Server Software	<ul style="list-style-type: none"> Monitoring of the availability of recording systems Definition of standby recording systems for all monitored recording systems Detection of failure of the recording system, loss of the network connection, HDD or RAID failure Instant switching of all streams for recording on spare recording systems Triggering of failover operation indicators on SeMSy® III Workstations
SeMSy® III Archive Server Software	<ul style="list-style-type: none"> Simultaneous processing of up to 3 backups Local or network storage of the backups Integrated database for a fast search of archived information Configuration via SeMSy® III Setup Server Support of NAS devices Support of Dallmeier DAS storage systems (optional FC interface required) Supply of stored backups for the evaluation on SeMSy® III Workstations
SeMSy® III PGuard7 Server Software	<ul style="list-style-type: none"> Database for message storage integrated Management software PGuard 7 Archiver integrated PGuard 7 Deleter for automated database maintenance integrated Connection of up to 5,000 recording systems via Ethernet
SeMSy® III Sequencer Server Software	<ul style="list-style-type: none"> Simultaneous provision of a theoretically unlimited number of display sequences Configuration of sequences with a SeMSy® III Workstation Activation of display on a monitor wall with a SeMSy® III Workstation
SeMSy® III Interface Server Software	<ul style="list-style-type: none"> Database for a local configuration and external data integrated Connection of up to 500 external devices over Ethernet Processing and forwarding of messages in real-time Receiving of configuration data from the SeMSy® III Setup Server