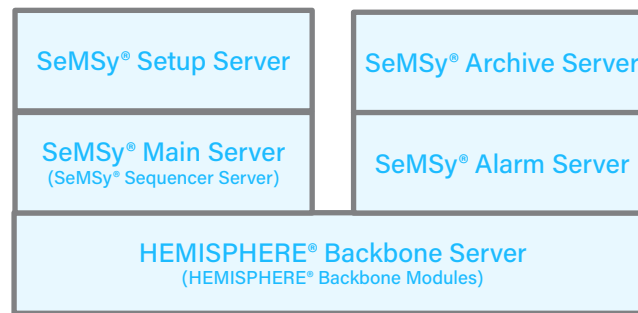


SeMSy® Core Package

HEMISPHERE® SeMSy® Core Package with the basic software licenses for setting up a HEMISPHERE® SeMSy® Video Management System



SeMSy® Core Package

The **HEMISPHERE® SeMSy® Core Package** comprises the basic software licenses for setting up a HEMISPHERE® SeMSy® Video Management System. All other HEMISPHERE® components can be added in a very flexible way, depending on the objective and the desired installation size. Special HEMISPHERE® Modules such as Advanced Incident Management or Business Intelligence Charting allow, for example, functional adaptation. The number of HEMISPHERE® SeMSy® Workstations used can be adapted at any time to the number of operators involved.

HEMISPHERE® Backbone Server

The **HEMISPHERE® Backbone Server Software** is the central and extremely powerful system for the efficient and rule-based distribution of data as alarm messages, status messages, event messages or authorization information between all components of a HEMISPHERE® Security and Business Management System. The Backbone Server, for example, receives data from an access control system and automatically forwards it to a workstation as an alarm message in accordance with the defined rule. Simultaneously, the sending of a status message to various applications for graphical display or the sending of a freely definable e-mail can be triggered.

HEMISPHERE® Backbone Modules

The **HEMISPHERE® Backbone Server Software** already includes licenses for the basic HEMISPHERE® Backbone Modules and 20 licenses for access by web clients. The Enterprise Event Processing Module (EEP) can immediately be used for rule-based data distribution. Furthermore, the Advanced Authentication Module (AAM) allows the configuration of user management. In addition, the Media Storage Module (MSM) is available for managing media storage, the Geo Service Module (GSM) for connecting an OpenStreetMap server and the Enterprise Alarm Processing Module (EAP) for the basic configuration of alarm messages.

SeMSy® Setup Server

The **HEMISPHERE® SeMSy® Setup Server Software** is the central configuration software for the entire SeMSy® 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 is stored in the integrated database and made available to all connected devices and functions in real-time.

SeMSy® Main Server

The **HEMISPHERE® SeMSy® Main Server Software** is the central management software for the entire SeMSy® Video Management System. The software manages all connections, streams, monitors and states of the complete system. All necessary configuration data (cameras / encoders, monitors / decoders, addresses, rights, priorities, etc.) is requested from the HEMISPHERE® SeMSy® Setup Server.

SeMSy® Sequencer Server

The **HEMISPHERE® SeMSy® Sequencer Server Software** is included in the delivery of the SeMSy® Main Server Software and operated on a common server. It is the central software for the provision of display sequences consisting of cameras or encoders in a SeMSy® Video Management System. The individual sequences can be defined at the various SeMSy® Workstations and activated for display in several splits of any monitor wall. The associated SeMSy® Variodecoder automatically receives the sequence information from the server software and continues to display the sequence even after the workstation has been shut down.

SeMSy® Archive Server

The **HEMISPHERE® SeMSy® Archive Server Software** is the central software for all backups of the entire video management system. The individual backups can be defined and triggered on the various HEMISPHERE® SeMSy® Workstations. Subsequently, the HEMISPHERE® SeMSy® Archive Server requests the defined audio and video sequence from the relevant recording system and stores it directly on the Archive Server or on an associated storage system.

SeMSy® Alarm Module

The **HEMISPHERE® SeMSy® Alarm Module** transmits messages from Dallmeier recording systems and cameras to the HEMISPHERE® Backbone Server within the SeMSy® Video Management System. These messages are forwarded to various devices and applications for automatic triggering of an action or evaluation by operators.

All-in-One-Installation

The **HEMISPHERE® SeMSy® Core Package** can be operated as an all-in-one installation on one server. In addition to a docker container for HEMISPHERE backbone software, the server is equipped with two virtual machines for the HEMISPHERE® SeMSy® Software (Setup, Main and Sequencer, Archive and Alarm). The required Microsoft Windows¹⁾ 10 IoT licenses are already included in the package.

1) Microsoft and Windows are trademarks or registered trademarks of Microsoft Corporation headquartered in Redmond, Washington, USA

SeMSy® Core Package

HEMISPHERE® SeMSy® Core Package with the basic software licenses for setting up a HEMISPHERE® SeMSy® Video Management System




Software	
007634	HEMISPHERE® SeMSy® Core Package HEMISPHERE® SeMSy® Core Package with the basic software licenses for setting up a HEMISPHERE® SeMSy® Video Management System (1x HEMISPHERE® Site Dongle)

Included Licenses (HEMISPHERE® SeMSy® Core Package)	
DLD - HEMISPHERE® Backbone Server Software	License for the use of the basic installation of the server software on one server, licenses for the modules EEP, EAP, AAM, MSM and GSM included, 20 web client licenses for accessing the Backbone Server Software (BBS) included,
DLD - HEMISPHERE® SeMSy® Setup Server Software	License for the use of the setup server software with full functional range on one server
DLD - HEMISPHERE® SeMSy® Main Server Software	License for the use of one main server software with full functional range on one server, license for SeMSy® Sequencer Server included
DLD - HEMISPHERE® SeMSy® Archive Server Software	License for the use of one archive server software with full functional range on one server
DLD - HEMISPHERE® SeMSy® Alarm Module	License for the use of one alarm module with full functional range on one server

Included Licenses (HEMISPHERE® Backbone Server Software)	
DLD - Enterprise Event Processing Module	License for the use of the EEP module for the connection of 3rd party systems over RESTful protocols, linking predefined events with external data sets
DLD - Enterprise Alarm Processing Module	License for the use of the EAP module for the basic configuration of alarms by definition of behavior and properties
DLD - Advanced Authentication Module	License for the use of the AAM module for central user administration
DLD - Media Storage Module	License for the use of the MSM module for archiving event data on a (network) drive
DLD - Geo Service Module	License for using the GSM module to access a map server and for forwarding the maps to the frontend

Server for large sites	
006007.415	 Server Rack-Mount 2RU III Server hardware, 2RU rack-mount, 2x 12-core 2.2GHz CPU, 128 GB DDR4-2400 RAM, 2x redundant power supplies, 1x SATA DOM 64GB, 2x SSD 1000 GB with RAID 1 (in tray), 6x 3.5" HDDs optional, RAID 6, License for VMware ESXi 6.5 included

Server for small sites	
007380.411	 Server 2 Rack-Mount 1RU Server hardware, 1RU rack-mount, 8-core 2.1GHz CPU, 32GB DDR4 RAM, 2x redundant power supplies, 1x SATA DOM 64GB, 2x SSD 1000 GB with RAID 1 (in tray), 2x 3.5" HDDs optional, MegaRAID controller included, license for VMware ESXi 6.5 included

