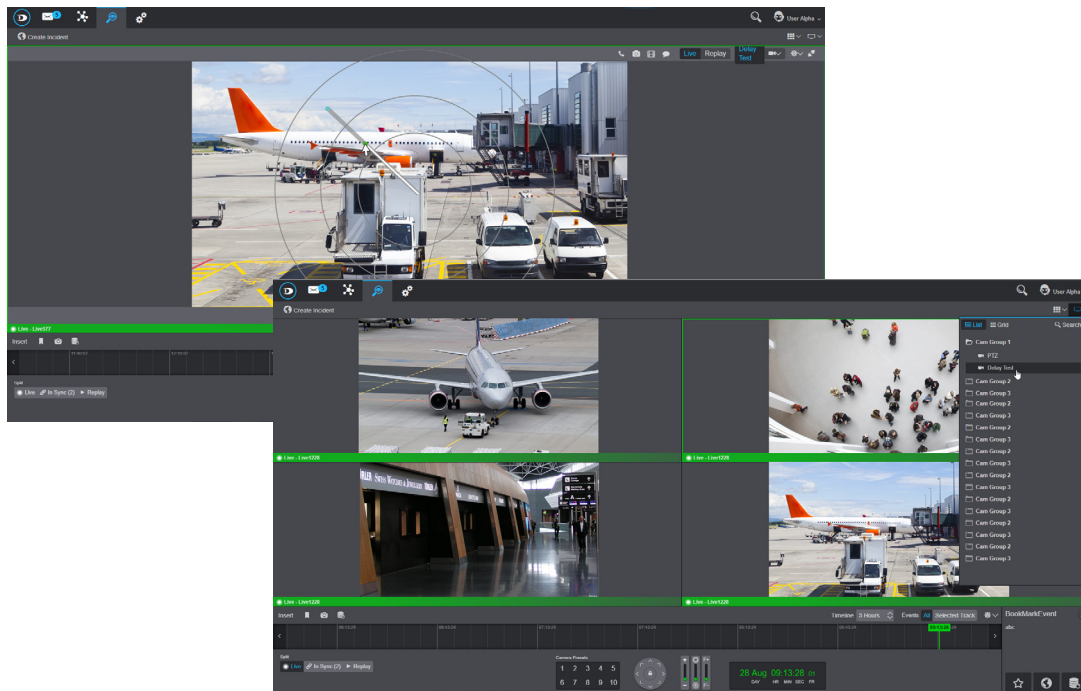


Video Streaming Module

HEMISPHERE® VSM Module for the transmission of video streams via the Wide Area Network (Internet) to mobile clients



Function

The HEMISPHERE® Video Streaming Module (VSM) enables mobile access to a HEMISPHERE® SeMSy® Video Management System over a web browser ([https / port 443](https://port.443)). A special transcoding optimizes the video data for display on platform-independent smart phones or tablets. Both live videos and corresponding recordings can be conveniently retrieved from mobile devices while on the move.

Intuitive Operation

The HEMISPHERE® Video Streaming Module offers an intuitive interface for use in web browsers. This allows the user to conveniently select cameras and multi-split layouts and to quickly activate recordings and interactions such as setting bookmarks or creating backups and snapshots.

Live and Replay

The HEMISPHERE® Video Streaming Module allows access to the live videos and the corresponding recordings of all cameras of a HEMISPHERE® SeMSy® Video Management System. In a multi-split layout, the simultaneous operation of cameras in both live and playback modes is possible.

Timeline

The user interface is equipped with a timeline that allows fast and clear navigation in recordings. The time period shown by the timeline can be adjusted individually. It also displays created events (incidents) as well as bookmarks and snapshots.

Incidents

Like the HEMISPHERE® Advanced Incident Management Module, the HEMISPHERE® Video Streaming Module can also be used to capture, locate and log incidents. In addition, all incident information can be comprehensively documented in text, image, video and audio.

PTZ Control

The user interface of the HEMISPHERE® Video Streaming Module offers various options for controlling PTZ cameras. Depending on the device used, this can be done with the mouse pointer directly in the split. On mobile devices, control is possible via corresponding buttons in the timeline. These also allow the activation of presets stored on the camera.

Optimized Touchscreen

The user interface has been specially optimized for touchscreen operation on mobile devices. The surface is automatically scaled and thus always optimally displayed on different screen sizes.

Requirements

The HEMISPHERE® Video Streaming Module obtains the necessary connection data to cameras and recording systems of a HEMISPHERE® SeMSy® Video Management System directly from the central HEMISPHERE Backbone Server. In addition, a STUN Server is required for internet streaming.

Compatibility

The HEMISPHERE® Video Streaming Module is compatible with the latest versions of the web browsers Chrome and Firefox.

Performance

The HEMISPHERE® Video Streaming Module is installed and operated on a dedicated server. In combination with the recommended Server Rack-Mount 2 RU III, up to 20 clients can access video streams simultaneously.

Licensing

The license for the HEMISPHERE® Video Streaming Charting Module is managed on the HEMISPHERE® Site Dongle. For the access of the operators to configuration and operation a separate web client license is required for each operator (floating license).

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Module License	
007350	DLD - HEMISPHERE® Video Streaming Module License for using the VSM module to transmit video streams to up to 20 clients over the WAN, for one instance of the HEMISPHERE® Backbone Server

Client License	
007351	DLD - HEMISPHERE® Web Client Access VSM License for the access of one web client to a HEMISPHERE® Video Streaming Module (floating license)

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



See more.