SIEMENS

SISTORE MX 4 NVS
SISTORE MX 9 NVS
SISTORE MX 16 NVS
SISTORE MX 32 NVS
SISTORE MX 64 NVS

Software for network-based video recording system

SISTORE™ MX NVS V2.80

- Open IP software for recording and visualization of up to 64 network cameras
- Client/server architecture for scalable video surveillance systems from small stand-alone systems to large distributed systems
- Software based on standard IT hardware and protocols – the performance of the system is determined by the underlying hardware
- Integration of network cameras of various manufacturers, including Siemens, Sony, Panasonic, Axis or Mobotix
- Open interface VSS-SDK allows various integration options, e.g. Video Management IVM, Danger Management MM8000, Access Control SiPass
- Integration into existing IT and network infrastructure
- Support of network cameras as well as analog cameras via video server
- Recording in MJPEG, network transmission in the efficient MPEG4 transmission format
- Various accessories are optionally available, such as USB Input/Output modules, remote keyboard / jog shuttle for control of PTZ/dome cameras, etc.
- Support of various image resolutions from QCIF to Megapixel
- Simplified operation through integrated map function
- Automatic notification in case of an alarm

Building Technologies

Fire Safety & Security Products

- **User administration with individual user rights**
- **Automatic archiving with signature**
- **Import/export of the configuration**
- **Certification according to BGV (UVV - accident prevention regulations for banks)**
- **Live audio and audio recording from Siemens and Axis network cameras**
- **Support of multi-monitor operation for client and server (up to 4 monitors) with flexible arrangement of the monitors.**
- **Simultaneous search on multiple servers from RemoteView (for example for applications in Logistics)**
- **Zoom functionality within live images (especially useful with mega-pixel cameras)**
- **Support of virtual alarm contacts for motion detection and alarm inputs directly in the camera**
- **Simultaneous access of multiple clients to one server (up to 16 clients)**
- **Connection of ATM (Automatic Teller Machine) or POS (Point of Sales) systems**
- **"Smart Search" for fast retrieval of recorded video sequences**
- **Player software to playback exported video and audio files with signature**
- **15 languages supported**

SISTORE™ MX NVS is a software solution for network-based video surveillance, allowing the operator to view live images as well as to record, playback and remotely access the images via network. SISTORE™ MX NVS can be used in a wide variety of applications, including offices, retail and banking to monitor rooms, buildings, production facilities, sensitive public places and security-relevant outdoor areas of any kind.

Plug & play technology for easy installation and operation
The system is ready for operation after installation of the software and configuration of the network cameras. Owing to its modular design it can be updated and tailored to specific requirements at any time. Most buttons are provided with easy to understand symbols that are placed at suitable points within the window. This allows for intuitive operation of the program. Depending on the license, up to 64 network cameras can be displayed and recorded simultaneously.

RemoteView client software
Amongst others, the RemoteView client software allows the operation and administration of multiple servers from a central station. The images of 16 servers can be displayed simultaneously. The integrated map function allows the display of the relevant camera images, live or recorded, by just clicking on a camera symbol in the site plan. Furthermore, it is possible to instantly view the status of the connected cameras or alarm inputs and outputs. The virtual guard allows the time-controlled, automatic connection to various server systems in a specific order and display predefined cameras. Configuration of remote devices via network is also possible.

Live monitoring
A simultaneous display of all cameras for live surveillance is possible at the same time as recording. This means that the system is fully customisable and allows a definition of all forms of alarm scenarios according to date, time, connected periphery, ambient conditions and plausibility routines. The control of PTZ cameras is supported, either via connected jog shuttle, via remote keyboard CKA4820, or via graphical control elements that are displayed in the dialog bar at the bottom right. Multi-user PTZ control means that if the PTZ camera is currently being controlled by a user it will be blocked for all other users.

Recording and Playback

Basically the system allows two different recording modes which may also be combined with each other:

- Time-lapse recording is the continuous recording of the live image, possibly with low quality and recording speed settings to save hard disk space.
- Event-triggered recording, e.g. with motion detection, is the recording of alarms with their pre-history via a ring buffer.

All recorded images across the cameras are displayed in a timeline, which allows quick and easy searching for the desired images. Images from several individually selectable cameras can be displayed at the same time.

Motion detection and sabotage protection

To optimize recording storage, the pixel-based motion detection system allows the user to define areas of interest in a scene and only when motion occurs inside this area, the images will be recorded. The motion detection can be used to trigger an alarm and increase the recording rate to ensure the relevant information is stored.

SISTORE™ MX NVS is equipped with an integrated sabotage protection, recognizing and notifying camera re-positioning, covering, spraying and defocusing. The reference image allows to the visual verification of the correct positioning of the camera.

Scope of delivery

- USB dongle for software license with 4, 9, 16, 32, or 64 network cameras (upgrade of the software license is possible).
- CD with software SISTORE™ MX NVS, User Manual and Installation Manual

NOTE
If no dongle is installed, the software runs in demo mode with support of one camera.

Details for ordering

Type	Order No.	Designation
SISTORE MX NVS 4	S24245-P5099-A1	Open IP software for 4 network cameras
SISTORE MX NVS 9	S24245-P5099-A2	Open IP software for 9 network cameras
SISTORE MX NVS 16	S24245-P5099-A3	Open IP software for 16 network cameras
SISTORE MX NVS 32	S24245-P5099-A4	Open IP software for 32 network cameras
SISTORE MX NVS 64	S24245-P5099-A5	Open IP software for 64 network cameras

Accessories, not included in the delivery!

Type	Order No.	Designation
MX Multichannel Box (GAA/ATM, POS, Data)	S24245-F5092-A1	For connection of cash dispensers or cash register systems
CKA4820	2GF2400-8EC	PTZ control unit + joystick
USBOPTO8	2GF4811-8CH	USB input module - 8 channels with optocoupler function
USBREL8	2GF4811-8CG	USB output module - 8 channels with relay function
USBOPTOREL16	2GF4811-8CJ	USB input and output modules with 16 optocoupler inputs and 16 relay outputs