Quick and easy searching

The powerful search functions of the Vectis HX NVS helps you quickly find the images you need. Searching is possible using time and date, by particular events, the system logbook and by individual camera. To ensure the fastest method of finding images, a mask can be defined in the area of interest, filtering the playback to only that area and ensuring no time is wasted watching hours of useless video. Video loss events and text entries from cash registers can also be used as search criteria, therefore providing powerful search flexibility.

Multiple user access (multi-client)

Each Vectis HX NVS client PC is capable of simultaneously connecting to 10 Server stations for live viewing. Additionally, each Vectis HX NVS Client PC has the capability to administrate up to 1024 IP cameras.

Bi-Directional audio functionality

All of the Vectis HX NVS packages allow audio recordings. Bi-directional audio functionality is available directly from the IP camera to the Vectis HX NVS Client station that is used.

Reference image

The software supports the storage of a „reference image" per camera. In case of a sabotage attempt, the actual camera image can be compared manually with the reference image at anytime.
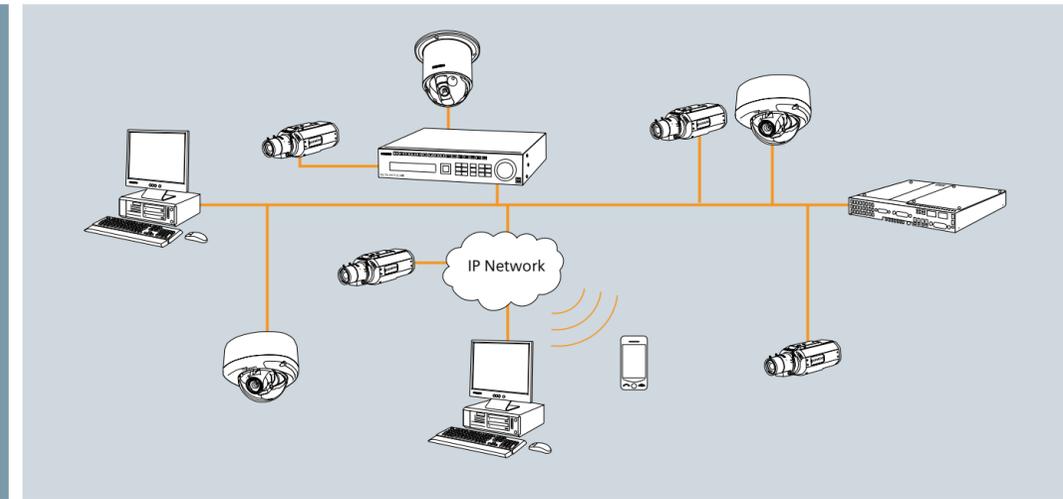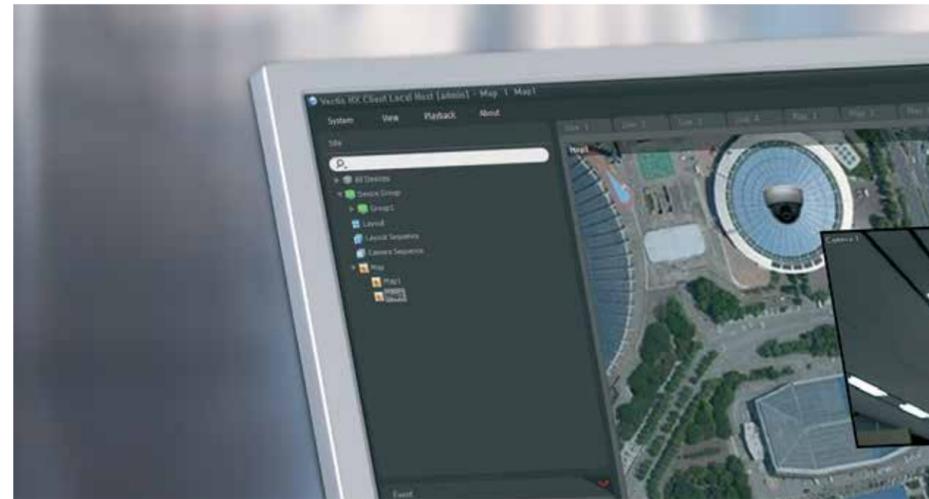
Covert camera mode

Any camera can be recorded, but whether or not the output is displayed depends upon the user level, so cameras monitoring cash registers could only be monitored by managers, for example.

Instant recording

Vectis HX NVS offers an instant recording mode that initiates the recording of all assigned cameras by simply clicking on the panic icon.

Highlights

- Quick and easy smart search
- Multiple user / Multi-server simultaneous access
- Bi-directional audio functionality
- Reference image
- Convert camera functionality

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Vectis HX NVS - when image precision really matters.

Dynamic performance network software with full HD functionality.

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Answers for infrastructure.

A new choice for reliable network video software

Vectis HX NVS software is a fully integrated, scalable network video surveillance package that is designed to be used with network cameras, video transmitters and digital video recorders. With the ability to support crisp, Full HD display clarity, ONVIF 2 support and H.264 streaming, Vectis HX software is designed to control, monitor, record, playback and provide remote access for up to 64 IP cameras per system.

Its ONVIF compatibility supports the connection of the latest Siemens IP camera range, and many 3rd party ONVIF compliant cameras. With powerful search options Vectis HX NVS can be installed on high-performance industrial PCs, and satisfies the requirement for specialist security applications to optimum effect. The onboard analytics make Vectis HX NVS suitable for a number of applications ranging from single system to multi-site requirements.

Software-based IP camera Recording

Network video recording software for up to 64 IP cameras per system
The Vectis HX NVS software packages run on high performance industrial PCs and support video monitoring and recording for up to 64 IP cameras per installed system.

ONVIF 2 support of Siemens IP cameras
Siemens are committed to the adoption of common IP communication in the security market, and support Siemens latest range of ONVIF 2-compliant IP cameras and domes.

Efficient video compression
The Vectis HX NVS utilises the highly efficient H.264 video compression technology, which delivers smaller file sizes and better streaming over limited bandwidth connections.

Support of megapixel recording
Vectis HX NVS fully supports the recording of 5 megapixel IP cameras, capturing Full HD quality images, resulting in more information, particularly useful when using the integrated digital zoom feature.

Video analytics
Cameras with motion detection or event detection features, can trigger recording on Vectis. IP cameras with such features can trigger the display or recording of those cameras, using the ONVIF 2 protocol. The Vectis NVS software also includes additional video analytics.

Site map feature for easy orientation
Cameras positioned in a site map can be easily displayed via mouse click. This feature helps users to track suspicious people for example, without having to remember the camera number.

Highlights

- Software package for recording & viewing of up to 64 IP cameras
- ONVIF support of Siemens IP cameras and domes
- Remarkable Full HD image quality
- Optimally configured for megapixel IP camera recording
- Integrated video analytics
- Site map feature for easy orientation
- Remote access via client, Internet or Smartphone
- Scalable from a single IP camera to a system
- Easy configuration and operation
- Intuitive graphical user interface

Simple software – complete functionality

Quick Installation through plug & play
The system is ready for immediate use after installing the software and setting up the IP cameras. When developing Vectis HX NVS the focus was on simple, clear controls and functional reliability.

Optimised recording modes
Vectis HX NVS is Full HD, and offers a high level of flexibility in configuring camera recording rates, and has multiple resolution options selectable via the menu. All resolutions can be selected to best match the monitor being used with the device, allowing real-time or half-real-time recording on selected cameras at these resolutions.

Both recording speed and image quality can be increased in response to an external alarm input therefore recording more information. During standard time-lapse recording both image quality and recording speed can be decreased to reduce the storage space required, therefore optimizing achievable recording times.

Furthermore, if a video signal loss alarm occurs on a camera, the Vectis HX NVS can start recording another camera in the same room. Pre-event recording can be configured to allow better determination of what led to an event.

Pentaplex operation
Vectis HX NVS is a "pentaplex" system – a system that enables the user to record, view live images and replay previously recorded video at the same time. In addition the system allows RemoteView mode and the external archiving of recordings.

Live Image display & alarm scenarios
In addition to recording, assigned cameras can be displayed for live monitoring. Vectis HX NVS allows the definition of alarm scenarios depending on time, date, alarm conditions etc. If an alarm is triggered, a predefined alarm scenario executes. Thereby it is possible to zoom to a predefined image area and start recording or to increase the recording rate of certain cameras, ensuring that the correct images are stored in the correct quality.

User administration
Vectis HX NVS works with a uniquely designed user administration system. By assigning different user rights, each operator can be given access to certain functions, and declined access to others, depending on their particular duties, ensuring the highest security and flexibility when accessing the system.

Highlights

- Quick and easy to install
- Long-term and event-based recording
- Pentaplex operation
- Live image display & alarm scenarios
- User access management