

TruVision Navigator 8.0

TruVision video management software

Overview

TruVision Navigator 8.0 provides users of TruVision recorders and cameras with an intuitive and feature rich video management package.

This product does not only represent a feature-rich and intuitive video management system, but is truly an integrated security system, also covering IFS network equipment, TruPortal access control, UltraSync intrusion panel (ZeroWire) and intrusion events based on the TruVision recorder intrusion integration.



More integration & better performance

The software is now a 64-bit software with optional GPU support. This means that the full RAM memory of the PC can now be used for TruVision Navigator and decoding of video can be done by the graphics card (designed for nVidia GTX 1080; for other cards GPU performance may vary). The increase of performance enables an increase in the amount of multi-view layouts. Layouts with +25 tiles have been added. Opening that large amount of cameras is of course dependent on the PC and network performance.

As an extension for integrating video with other security technologies, TruVision Navigator 8.0 integrates with the UltraSync ZeroWire panel. Panels can be added in the software and zones/area status changes can be shown on a map. The software also supports the arming/disarming of the panel and bypass of individual zones. Zone/area events can be linked to cameras that can be shown in the event monitor.

The integration with IFS switches has been expanded: IFS switches can be added as devices in the device tree. Port statistics can be shown and, when supported, power cycle the device connected to a PoE port and reboot the switch. This further integration allows the management of all components of a modern video system (recorders, cameras and switches) in one software.

TruVision Navigator 8.0 supports the creation of heat mapping reports from the TVF 360° cameras. The heat mapping reports can be a helpful tool for marketing in the retail sector.

Use of TruVision Navigator & scalability

TruVision Navigator is best suited for small or medium scaled as well as multi-site installations where you either actively manage a small amount of cameras with a small amount of operators, or when passively managing a larger amount of cameras with a small amount of operators.

TruVision Navigator can be deployed as a standalone system or as a client/host application, with clients that connect to the host database.

The scalability ensures that users can easily expand and consolidate video surveillance systems without drastic changes to their existing security setup.

In case of solutions where large camera quantities are being actively managed or monitored by a large amount of users simultaneously, it is recommended to work with an UltraView solution.

Details

- License free software with scalable architecture, from standalone to multi-site host/client applications
- 64-bit video management software with GPU support (optional)
- Live view and playback of TruVision devices (see list for supported models)
- Supports integration with UltraSync intrusion panels (ZeroWire), IFS switches and TruPortal access control panels
- Dedicated event monitor for live display of camera events and alarms
- Graphical maps that display camera, door locations, intrusion zone & areas and allow interactive camera control and output control
- Logical camera view to group cameras with the same function or similar content
- Time bar disk analysis per camera for efficient video retrieval
- Built-in dewarping for 360° cameras (for TruVision and 3rd party cameras)
- Support of a USB joystick (TVK-400-USB) for easier navigation and PTZ control
- In-tile webbrowser support
- Embedded Device Manager tool for managing devices including auto discovery of devices, firmware upgrade tool, new system wizard and storage calculator.
- Logical event filtering
- Remote device configuration and client software distribution
- Extensive health diagnostics reports & network statistics per device with online/offline detection for TruVision devices
- Extensive user management for efficient and secure administration
- Object counting & heat mapping reporting with export of data
- Audit history reports
- Server offline mode keeps the client operational when the connection with the server is lost

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Technical Specifications

General

Supported Hardware	IFS network switches, TruPortal, TruVision DVRs, TruVision IP cameras, TruVision NVRs
Software Type	Management Software
Segmentation	Commercial
Supported Technology	Analog Video, HD-TVI Video, IP Video

Software details

License Type	Free License
Software Architecture	Server/Client, Standalone
NTP Sync to Connected Devices	Yes
Detacheable Screens	9
Alarm / Event Management	Yes
Graphical Map Support	Yes
Diagnostic Tools	Yes

Video

Digital Zoom during Playback	Yes
Borderless Video	Yes
Customizable Views	Yes
Digital Zoom in Live View	Yes
Audit History	Yes
360° Camera Dewarping in Playback	Yes
CPU Optimization	Yes
Video Snapshot	Yes
Max. no. of video tiles	100 in one viewer (depending on camera type and network)
360° Camera Dewarping in Live	Yes
Recording Support	No
Time Bar for Playback or Disk Analysis	Yes
Alarm / Event Monitor	Yes
Bandwidth Optimization	Yes
Hybrid Support View (Analog + IP mixed)	Yes
Video Export	Yes

System requirements

Supported Operating System	Windows 10, Windows 7, Windows 8, Windows Server 2012 R2, Windows Server 2016
Database Support	SQLite
Minimum System Requirements	The used operating system needs to be a 64 bit version.

Supported recording platforms/devices

All IP cameras series and encoders: TVA, TVB, TVC, TVD, TVE, TVF, TVP, TWW, UVP Series
TruVision NVR 10 (TVN 10)
TruVision NVR 11 (TVN 11)
TruVision NVR 20 (TVN 20)
TruVision NVR 21 (TVN 21)
TruVision NVR 21S (TVN 21S)
TruVision NVR 21 Plus (TVN 21P)
TruVision NVR 50 (TVN 50)
TruVision NVR 22 (TVN 22)
TruVision NVR 22S (TVN 22S)
TruVision NVR 22 Plus (TVN 22P)
TruVision NVR 70 (TVN 70)
TruVision NVR 71 (TVN 71)
TruVision DVR 10 (TVR 10)
TruVision DVR 11 (TVR 11)
TruVision DVR 12 (TVR 12)
TruVision DVR 41 (TVR 41)
TruVision DVR 42 (TVR 42)
TruVision DVR 60 (TVR 60)
TruVision DVR 12HD (TVR 12HD)
TruVision DVR 15HD (TVR 15HD)
TruVision DVR 44HD (TVR 44HD)
TruVision DVR 45HD (TVR 45HD)

Hardware requirements

See the latest TruVision Navigator user manual