

TruVision® Navigator v6

License-free video
management system



OVERVIEW

TruVision Navigator v6.0 from Interlogix, represents the latest advancement in video management software. This license-free video management application delivers powerful software capabilities and allows users to manage their TruVision based video surveillance systems. Navigator v6.0 can be used as a standalone application or can be deployed as a client/server architecture, making it scalable for deployment in either small and mid-sized commercial or enterprise environments.

Using the intuitive TruVision user interface, administrators can remotely configure the complete line of TruVision DVRs, HD-hybrid recorders and NVRs. Navigator also provides direct live/playback video viewing from TruVision IP cameras with SD memory cards. Some additional features include an updated user interface, tabs, custom views, maps, live event monitoring, as well as 360° camera de-warping. Additionally, Navigator v6.0 offers backwards compatibility support for select legacy TruVision recorders to aid in system upgrades. Ideal for LAN or WAN applications, TruVision Navigator v6.0 is well suited for any application incorporating multiple sites such as schools, retail stores, bank branches, entertainment venues and geographically dispersed organizations.

STANDARD FEATURES

Intuitive Operator User Interface

- Up to 10 video tabs for efficient display management
- Custom views allowing user-specified groups of video streams
- Maps that display camera locations and allow interactive camera control
- Live video displayed on event monitor when triggered by alarm event
- Tamper monitoring that identifies any camera tampered with using a reference image
- TruVision Player plays back exported video with a max 16-up display with print and snapshot capability, synchronous playback, timeline search and full-screen mode
- Directly view live/playback video from TruVision IP cameras (w/SD cards)
- Built-in TruVision 360° camera de-warping

Easy System Installation and Maintenance

- Remote focus/zoom control functions
- Embedded device discovery and management tool
- Remote device configuration and client software distribution
- License free software and no software maintenance agreements

System Administration Management

- Client/server architecture
- Define groups and user permissions
- Automatic health diagnostic service to maintain system uptime
- Audit trails and report exporting
- Built-in device diagnostics and reporting
- Task scheduling and main video stream control that helps reduce bandwidth needs during peak network traffic periods

TruVision® Navigator User Interface Overview

Navigator

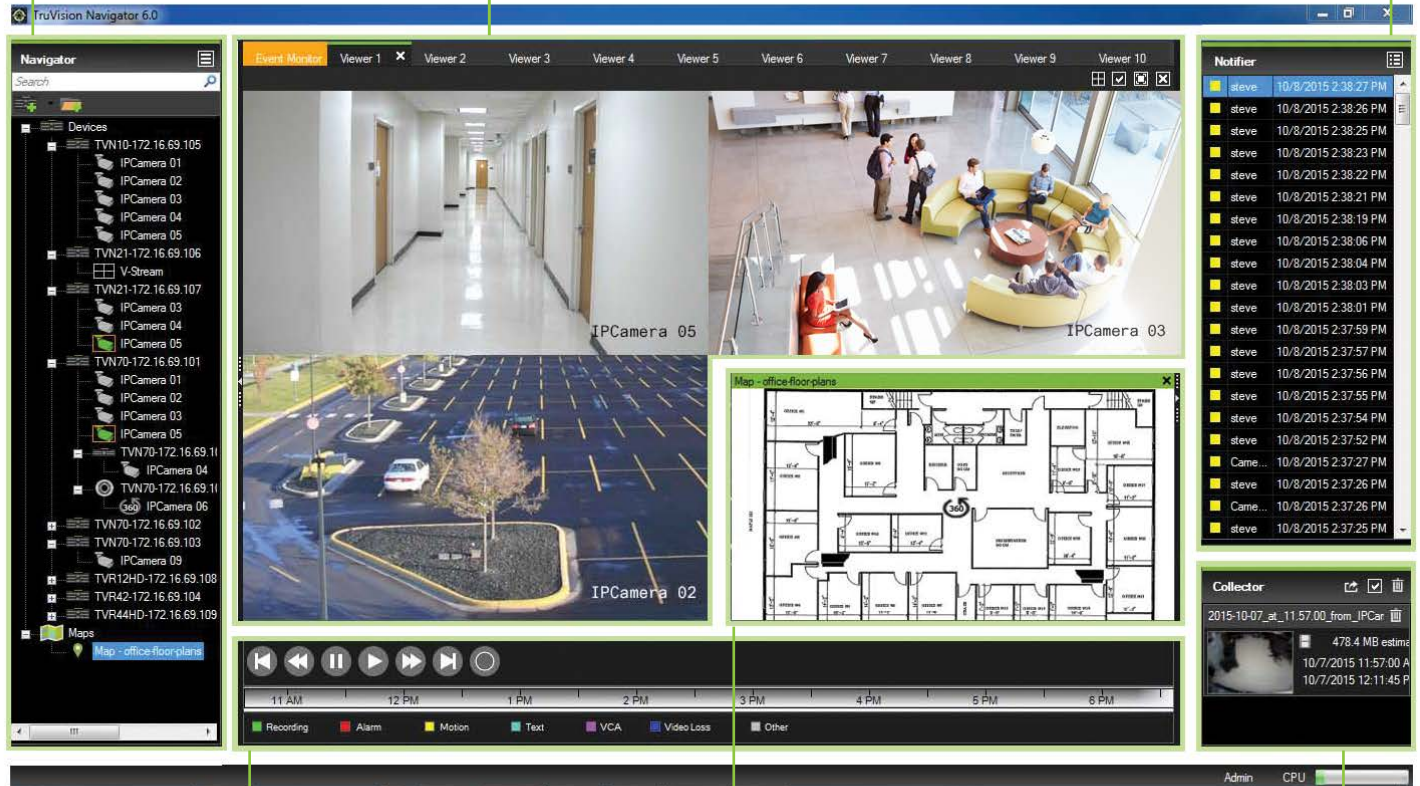
Provides an easily accessible list of TruVision DVRs, HD-Hybrid, NVRs and cameras in the video system.

Viewer

View live and recorded video selected from the Navigator tree list, Notifier or Collector with up to 10 detachable video viewing tabs. In the event of an alarm, the event monitor window notifies the operator with a visual indicator and displays live video from the camera. Users can easily turn on or off borders and captions to maximize video viewing for a more customizable UI experience.

Notifier

Provides real-time, color-coded event notification.



Video Playback Controls

Easily play, pause, rewind and scub video recordings with controls and timeline.

Facility/Campus Maps

Import facility/campus maps, easily add cameras and quickly open a camera video window for viewing right within the map layout.

Collector

Acts as a holding repository for video segments, snapshots and local recordings ready for export.

TruVision® Navigator Key Features Overview

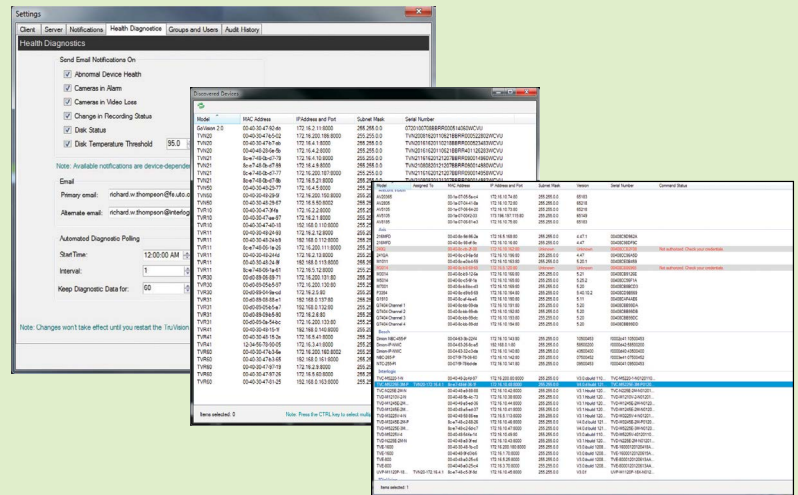
Operator Friendly User Interface

TruVision Navigator v6.0 helps monitor overall surveillance situations and allows added focus in areas where needed, including video de-warping support from TruVision 360° cameras. In addition, the new facility/campus mapping feature provides dynamic visual layouts of camera placement, screen display efficiency with up to 10 video tabs, as well as displays live video initiated by alarm events on the event monitor display.



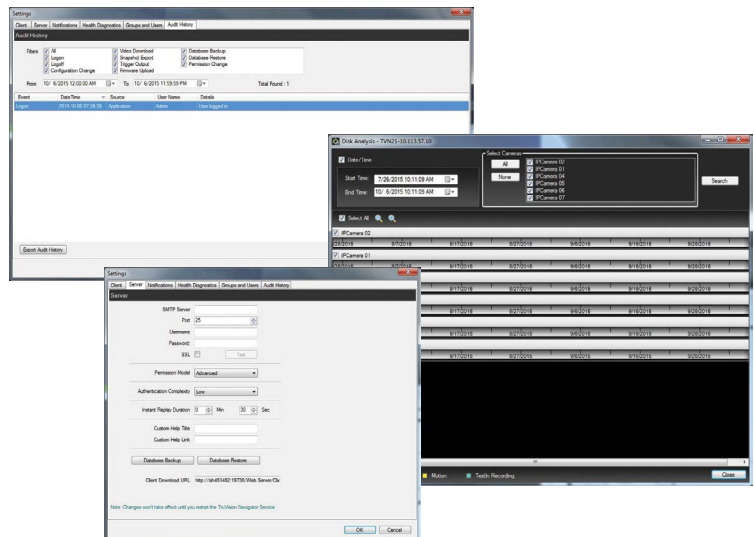
Integrator Friendly Installation and Maintenance

The Discovery and Device Management Tools make camera and recorder additions easier to configure. The tools also monitor system operations and performance with built-in health diagnostics.



System Administration Friendly Management

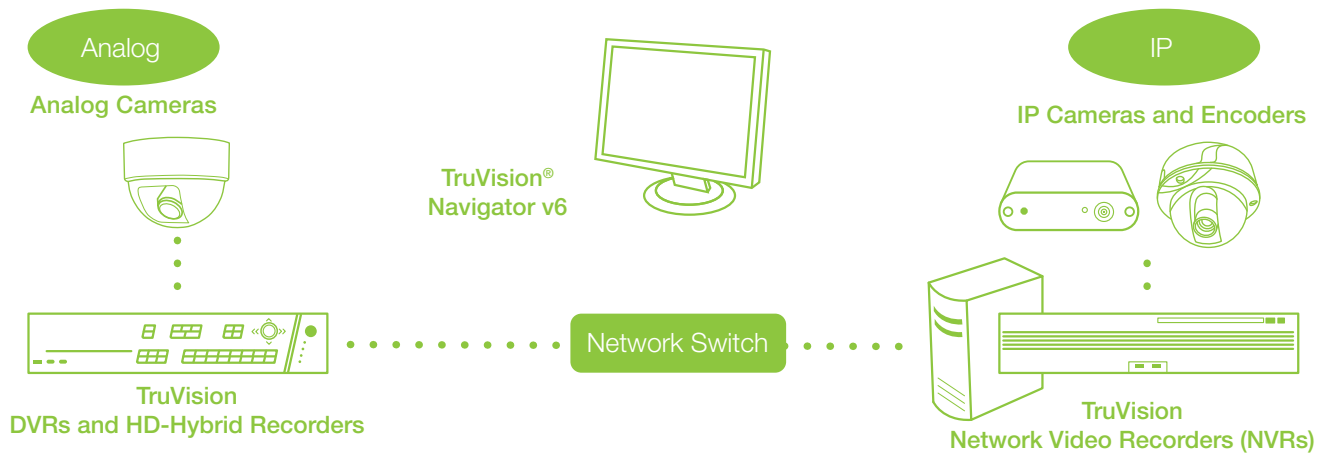
Navigator v6 built-in administration tools provide centralized administration and security for the TruVision video system. These administrative tools include audit trail, groups and user permissions, disk analysis, device health diagnostics and bandwidth control through main stream/sub-stream limits.



TruVision® Navigator Scalability

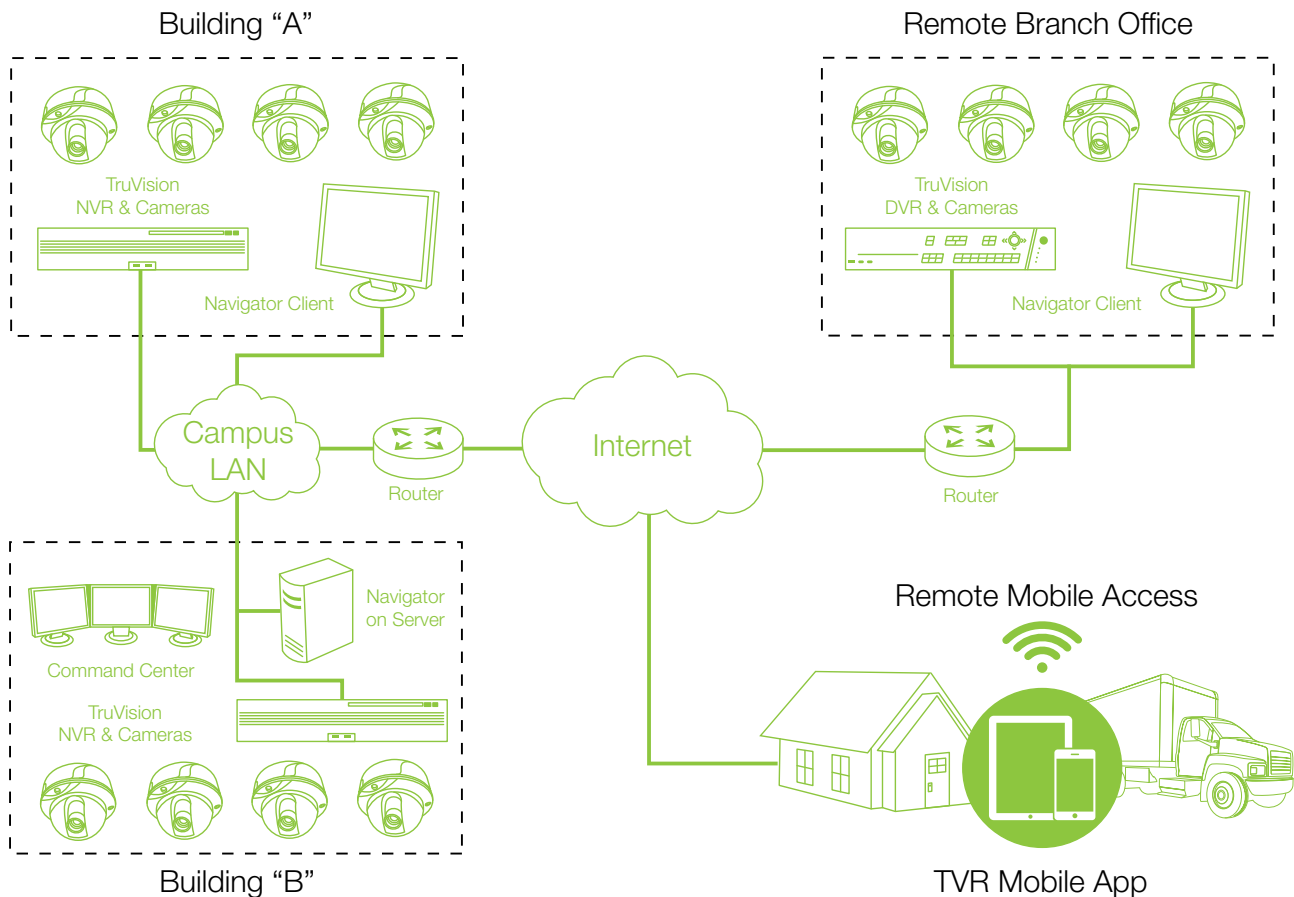
Simple enough for standalone applications

With no license fees, ease of use, and compatibility with TruVision DVRs, HD-hybrid recorders and NVRs, TruVision Navigator v6 is an ideal solution for small or medium sized commercial businesses.



Powerful enough for enterprise server/client deployment

With added features designed to optimize larger network-based security surveillance deployments, TruVision Navigator v6.0 is powerful enough for small and medium enterprise facility/campus installations. These features include centralized server management, network bandwidth tools, as well as the 75-up, multi-site, multi-monitor and live event monitoring features that integrates all recording platforms at the command center.



Device Feature Matrix

Feature	TruVision® Camera Series	TVR12HD Series	TVR44HD Series	TVN 10 Series	TVN21 Series	TVN70 Series
Supported Device(s)	TVA, TVB, TVC, TVD, TVE, TVF, TWW, UVP Series	Yes				
Network Discovery	Supported					
Compression	H.264					
Connection Types	TCP, UDP					
Streaming Limits	Dependent on the camera capability	128 Live or Playback streams		64 Live or Playback streams including those used by the web page	128 Live or Playback streams including those used by the web page	128 Live or Playback streams
Stream Overlay	VCA Rules, Motion Rules, Camera Name, Date and Time	VCA Rules, Motion Rules, POS Text, Camera Name, Date and Time		Camera Name, Date and Time		VCA Rules, Motion Rules, POS Text, Camera Name, Date and Time
Dual Streaming	Yes (dependent on the camera capability)	Yes		Primary and alternate streams are available on live view mode only	Yes	
Playback Controls	Play, Pause, Frame Advance, Fast Forward (1x, 2x, 4x, 8x), Slow Motion (1.0x, 0.5x, 0.25x, 0.125x, 0.0625x)	Play, Pause, Frame Advance, Fast Forward (1x, 2x, 4x, 8x), Slow Motion (1.0x, 0.5x, 0.25x, 0.125x, 0.0625x). Note: Frame Reverse and Rewind Speeds are directly dependent upon the actual device capability.		Play, Pause, Frame Advance, Fast Forward (1x, 2x, 4x, 8x), Slow Motion (1.0x, 0.5x, 0.25x, 0.125x, 0.0625x). Note: Frame Reverse and Rewind Speeds are not supported.	Play, Pause, Frame Advance, Fast Forward (1x, 2x, 4x, 8x), Slow Motion (1.0x, 0.5x, 0.25x, 0.125x, 0.0625x), Rewind (1x, 2x, 4x)	Play, Pause, Frame Advance, Fast Forward (1x, 2x, 4x, 8x), Slow Motion (1.0x, 0.5x, 0.25x, 0.125x, 0.0625x). Note: Frame Reverse and Rewind Speeds are directly dependent upon the actual device capability.
Digital Zoom	Live & Playback (for models that support SD Cards)	Live and Playback				
Snapshot	Yes					
Local Record	Yes			Yes (Pause during local recording is not supported)		Yes
Instant Replay	Yes (for models that support SD Cards)	Yes				
Disk Analysis	No	Alarm, Motion, Recorded, VCA, Text Note: Video Loss is only supported for Analog Channels. Video Loss is not supported in disk analysis.		Alarm, Motion, Recorded, Untagged Note: Video Loss is not supported in disk analysis.	Alarm, Motion, Recorded, VCA (for firmware that supports VCA). Note: Video Loss is not supported in disk analysis.	Alarm, Motion, Recorded, VCA, Text. Note: Video Loss is not supported in disk analysis.
Time Line Disk Analysis	Yes					
Video Export	Yes (for models that support SD Cards)	Yes				
TruVision Navigator Player	Yes					
PTZ Control	Yes (for TVP, UTP models)	Yes				
Focus, Iris, Zoom	Yes (for TVP, UTP models)	Yes		Yes. Note: PTZ protocol GE RS-485 does not support Focus and Iris commands in this release		Yes
Presets	Yes (for TVP, UTP models)	Yes				
Tours	Yes (for TVP, UTP models)	Yes (dependent on camera and device)		Go To, Record. Note: only 1 tour is supported on Tour 1 for a PTZ camera.		Yes (dependent on camera and device)
Camera Search	Alarm, Event, Motion, VCA	Alarm, Event, Motion, Text, VCA		Alarm, Event, Motion		Alarm, Event, Motion, Text, VCA
Smart Search	No	Yes		No	Yes	
Point-of-Sale Text	No	Yes		No	Yes	
Motion	Yes			Yes - set active zones per individual camera via the Motion Configuration option within Navigator		Yes
Audio	Yes			Yes (1 audio input per device)	Yes (16 audio inputs per device; 1 per channel)	Yes
Bi-directional Audio	Yes					
Notifications	No	Alarm, Video Loss, Motion, VCA, Disk Full, Disk Failure. Note: Email notification is not support at the device level.		Alarm, Video Loss, Motion, Disk Full, Disk Failure		Alarm, Motion, VCA, Disk Full, Disk Failure. Note: Email notification is not supported at the device level.
Health Diagnostics	Yes	IP Address, MAC Address, Model Name, Serial Number, Firmware Version, Device Date/Time, Total Device Health, HDD Status, HDD Capacity, Cameras in Video Loss, Cameras in Alarm, Current Client Connections, Record Status				
Firmware Upload	Yes					
Bulk Firmware Upload	No					
Device Configuration	Yes					
Remote Reboot	Yes					
IP Camera Support	N/A	Yes		See camera compatibility list		Yes
Device Log Support	Yes					
Trigger Outputs	Yes					

Note: Features listed depend on device type and firmware version used. Please download the latest firmware release for the device in use to get benefits of latest features.

TruVision[®] Navigator v6

License-free video management system

Specifications

Server and/or Client Requirements: Software

Component	Version
Operating System	Microsoft Windows XP Pro SP3
	Microsoft Windows Vista SP1
	Microsoft Windows 7 32-bit/64-bit
	Microsoft Windows 8 32-bit/64-bit
	Microsoft Windows Server [®] 2003 R2 32-bit*
	Microsoft Windows Server [®] 2008 R2 32-bit/64-bit
	Microsoft Windows Server [®] 2012

*TruVision Navigator v6.0 does not support Microsoft SQL Server on this version of Microsoft Windows OS. Data will be converted to the TruVision internal database.

Server and/or Client Requirements: Hardware

Component	Minimum	Recommended	High	Notes
Processor	3rd Gen Intel Core i3-3220 Processor (Dual Core, 3.30GHz, 3MB, w/ HD2500 Graphics)	3rd Gen Intel Core i5-3470 Processor (6MB, 3.2GHz) w/ HD2500 Graphics	3rd Gen Intel Core i7-3770 Processor (8MB, 3.4GHz) w/ HD4000 Graphics	The processing power of the CPU directly impacts Navigator's performance in viewing, rendering video and other CPU intensive tasks. Choosing a higher-performance CPU will improve responsiveness of the application.
Memory	4GB, NON-ECC, 1600MHZ DDR3, 2DIMM	6GB, NON-ECC, 1600MHZ DDR3, 2DIMM	8GB, NON-ECC, 1600MHZ DDR3, 2DIMM	Higher RAM will increase the number of operations and tasks that Navigator can run simultaneously. More RAM can also allow for running multiple applications without impacting the performance of Navigator running on the same computer.
Hard Drive	500GB - 7200RPM, SATA 3.0Gb/s, 16MB Cache	500GB - 7200RPM, SATA 3.0Gb/s, 16MB Cache	500GB - 7200RPM, SATA 3.0Gb/s, 16MB Cache	Navigator requires approximately 800MB to install. If users plan on exporting video on the same computer that is running Navigator, the amount of storage may need to be increased.
Graphics Card	Intel Integrated Graphic w/Single HDMI/VGA	Dual 1GB AMD Radeon™ HD 7470	Dual 1GB AMD Radeon™ HD 7470	The computer's video card performance directly impacts the smooth rendering of video within Navigator. To improve rendering choose a high-performance video card.
Network	Integrated PCIE 10/100/1000	Integrated PCIE 10/100/1000	Integrated PCIE 10/100/1000	Network performance can be impacted by the quality of a user's network interface card (NIC) installed in their computer. It is recommended that users choose a NIC with Gigabit (1000Mbps) and full-duplex capabilities.

Supported Recording Devices

DVRs and HD-Hybrid Recorders

TruVision DVR 10
TruVision DVR 11
TruVision DVR 12
TruVision DVR 12HD
TruVision DVR 41
TruVision DVR 42
TruVision DVR 44HD
TruVision DVR 60

Network Video Recorders

TruVision NVR 10
TruVision NVR 20
TruVision NVR 21
TruVision NVR 70

Note: The following recorders are no longer supported in TruVision Navigator v6.0: DSR, DVMRE, DVSE, DVSR, NVR30, NVR31, NVR40, StoreSafe, SVR, SymDec. Customers may continue to use legacy TruVision recorders with Navigator v6.0, but technical support is no longer provided.



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