

# TruVision Navigator v4

The next generation in  
DVR/NVR management



## OVERVIEW

TruVision™ Navigator v4 represents the latest advancement in video management software. This single application delivers centralized and remote video management capabilities combined with backward compatibility to accommodate legacy and TruVision DVRs and NVRs. Ideal for LAN or WAN applications, TruVision Navigator v4 is well suited for any application incorporating multiple sites and cameras:

- Schools
- Retail stores
- Transportation
- Entertainment venues
- Homeland security and public safety
- Geographically dispersed organizations

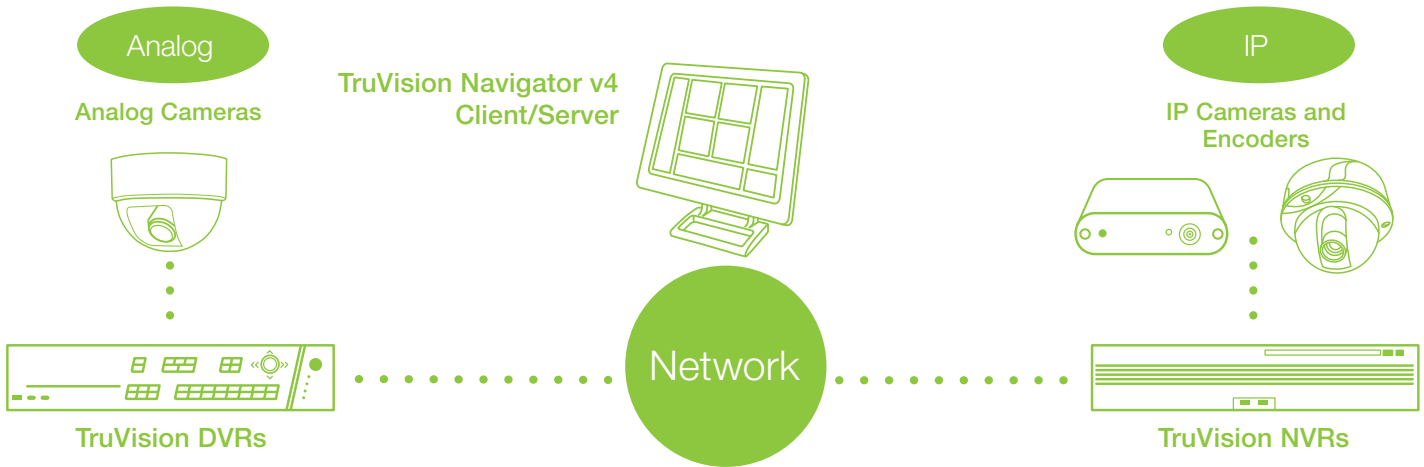
From a single, easy-to-use and reliable GUI, administrators can remotely configure users/groups, DVRs with analog cameras, NVRs with IP cameras and monitor thousands of video surveillance components. At any time, from any location, operators can cost-effectively provide accurate and timely security response. Backed by Client/Server architecture, TruVision Navigator v4 is a fully scalable solution that can support applications ranging from enterprise IT environments down to small, stand-alone systems.

## STANDARD FEATURES

- Backward and forward compatibility to protect investment in legacy equipment
- Flexible technology, with analog and IP compatibility to meet current and future needs
- Scalable software architecture from enterprise IT to stand-alone systems
- Remote client software distribution alleviates need to ship media
- Centralized administration reduces administrative workload and security risk
- Health diagnostic service automatically polls for data to maintain constant system uptime
- Device notifications aid in proper tracking and expedite issue resolution
- Remote device configuration reduces administration time and costly site visits
- Scheduled tasks take place during low-bandwidth hours to optimize network capacity during peak-demand times
- 75-up, multi-site, multi-monitor feature integrates all recording platforms in a single video display
- Custom views allow for user-specified groupings of video streams to deliver the right video at the right time
- Network Time Protocol (NTP) service keeps all system devices synchronized with appropriate time and date
- Evidence Player plays exported video with a max 9-up display, print and snapshot capability, synchronous playback, timeline search, and full-screen mode

## System Diagram

System is powerful enough to accommodate either analog or IP camera installations, or a mixture of the two.



## Key Functions

**Navigator** – Provides access to all DVRs, NVRs and cameras in a system with minimal clicks to pinpoint specific video objects.)

**Viewer** – View live and recorded video selected from the Notifier, Navigator or Collector. Manipulate video in the Viewer using tools that include live and playback video switching, marking video segments, taking snapshots, performing timeline seeks and go to searches, playback controls and stream switching.

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

**Tasks** – Provides one central place to monitor the progress of the tasks created in the system, such as video exports, firmware upgrades, bulk DVR configurations and database backup and restores.

**Notifier** – Collect and manage any notifications sent from the various devices.

**TruVision Navigator** presents one, common interface to the user no matter what the device or camera type.

This greatly improves organizational efficiency by reducing set-up time and minimizing training requirements.



### Configuration DVR

For the user, remote configuration of a DVR or NVR is seamless and just 1 click away – no need to launch different applications or browsers.



### Configuration NVR



### Live Video DVR

Obtaining live video is a double-click away, regardless of the device. Once viewed, snapshots, local recordings, full-screen mode, instant replay, and playback are all afforded with minimal clicks.



### Live Video NVR

## Specifications

### Client Requirements: Hardware

Component	Minimum	Recommended	High	Notes
Processor	Intel® Pentium® G6950 Processor (3MB Cache, 2.80GHz)	Intel® Core™ i5-650 Processor (4MB Cache, 3.20GHz)	Intel® Core™ i7-920 Processor, (8MB L3 Cache, 2.66GHz)	CPU power is directly related to the performance of the application when running and rendering video. The better the CPU, the more responsive your application will be.
Memory	4GB4 Dual Channel DDR3 SDRAM3 at 1066MHz-4 DIMMs	3GB2 Dual Channel DDR3 SDRAM3 at 1333MHz	3GB2 Tri-Channel SDRAM3 at 1066MHz-3 DIMMs	RAM is related to the number of different applications that can run simultaneously as well as the number of different operations that TruVision™ Navigator can perform at once. The higher the RAM the better performance you can expect.
Hard Drive	320GB5-7200RPM, SATA 3.0Gb/s, 16MB Cache	500GB5-7200RPM, SATA 3.0Gb/s, 16MB Cache	500GB5-7200RPM6, SATA Hard Drive	Optional—TruVision Navigator only requires approximately 400MB to install. If you wish to store exported video from the devices on the machine, you may want to increase storage.
Graphics Card	Integrated Intel® Graphics Media Accelerator HD	nVIDIA® GeForce® G310 512MB2 DDR3	nVIDIA® GeForce® 310 512M GDDR3	Video Card capability is directly related to the video rendering performance within TruVision Navigator. The better the video card, the better video rendering performance you can expect.
Resolution	1024 X 768	1024 X 768	1024 X 768	
Network	Intergrated PCIE 10/100/1000	Intergrated PCIE 10/100/1000	Intergrated PCIE 10/100/1000	The network interface card can be a performance bottle neck depending upon the throughput of the card. If the card's throughput is less than the amount of data streaming to the machine, you may experience performance issues.

### Client Requirements: Software

Component	Version	Notes
Operating System	Microsoft Windows XP Pro SP3 or higher 32-bit	Prerequisite to loading TruVision Navigator
	Microsoft Windows Vista SP1 32-bit	Prerequisite to loading TruVision Navigator
	Microsoft Windows 7 32/64-bit	Prerequisite to loading TruVision Navigator
	Microsoft Windows Server® 2003 R2 32-bit	Runs on the 64-bit OS in 32-bit emulation mode
	Microsoft Windows Server® 2008 R2 32/64-bit	Prerequisite to loading TruVision Navigator
Other	Microsoft .NET Framework 4.0	Runs on the 64-bit OS in 32-bit emulation mode Packaged with the installation

### Server Guidelines: Hardware

Component	Recommended	Notes
Processor	Intel® Core™ i5-650 Processor (4MB Cache, 3.20GHz)	
Memory	3GB2 Dual Channel DDR3 SDRAM3 at 1333MHz	
Hard Drive	500GB5-7200RPM, SATA 3.0Gb/s, 16MB Cache	Optional—this storage requirement will vary widely depending on many factors including whether or not the database is being hosted on the server, the size of the actual database and whether or not you want to store video on the server.
Graphics Card	nVIDIA® GeForce® G310 512MB2 DDR3	Optional—depending on whether or not you want to view video from a Client on this machine.
Network	Intergrated PCIE 10/100/1000	

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	Microsoft Windows Server® 2008 R2 32/64-bit	Prerequisite to loading TruVision Navigator
Web Service	Microsoft Internet Information Services (IIS) 6.0 or higher Cassini	Prerequisite to loading TruVision Navigator Packaged with the installation
Database	Microsoft's SQL 2005 Microsoft's SQL Express 2005 Microsoft's SQL 2008 R2 Microsoft's SQL Express 2008 R2	Microsoft's SQL Express 2008 R2 is packaged with the installation Upgrades of existing installations will continue to use the existing SQL 2005 New installations will use SQL 2008
Other	Microsoft .NET Framework 4.0	Packaged with the installation Multiple .NET versions can co-exist on the same machine

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**North America**  
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F 852-2142-5063

**Australia**  
T 61-3-9239-1200  
F 61-3-9239-1299

**Europe**  
T 32-2-725-11-20  
T 32-2-721-40-47

**Latin America**  
T 561-998-6100  
T 561-994-6572

## Supported Recording Devices

Recording Devices	Supported Firmware
TruVision™ NVR40 (TVN40)	4.3
TruVision NVR20 (TVN20)	1.0
TruVision DVR60 (TVR60)	4.2g
TruVision DVR40 (TVR40)	3.0 build 100416
TruVision DVR30 (TVR30)	6300
TruVision DVR20 (TVR20)	1.0.23
TruVision DVR10 (TVR10)	2.4
GoVision 2	1.0.0 build 100617
GoVision	2.1
SymDec 16 plus 4	1.60c
SymDec 4	1.48a
SymDec 1	1.48a
SymSafe Pro Series	1.40c
SymSafe Basic Series	1.40c
DVSRxU	2.31s
DVMRE CT (Triplex) Series	6.33
DVMRE CT II Series	6.33
DVMRE PRO Series	6.33
DVMRE ezT Series	6.33
DVMRE CS Series	6.33
DVMRE CD Series	6.33
StoreSafe Series	6.33
StoreSafe Pro II Series	6.33
StoreSafe Advanced Series	6.33
DSR	2.24a
DVSE Series	3.04

Specifications subject to change without notice.

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