

Overview

The Facility Commander® Wnx Digital Video Surveillance feature automates event-driven video command and control, improves security incident assessment, and facilitates an appropriate response. Facility Commander Wnx seamlessly integrates with network-deployed digital video recorders (DVRs), providing operators with real-time camera control and quick access to recorded video. Combined, these functions provide effective video surveillance across local and remote sites from the operator's desktop without the need for a separate application.

With Facility Commander Wnx, system-wide events and alarms can initiate automatic camera control, live video call-up, and event recording—all without operator intervention. From within a single user interface, operators are immediately alerted to an unfolding situation with alarm-specific details, instructions, and real-time event related video. This event-driven strategy gives the operator an instant grasp of the situation and leads to faster acknowledgement and better response accuracy.

Standard Features

- Integrated video command & control of IP-deployed video recorders
- User-programmable camera automation and event recording
- Automatic live video pop-up upon alarms
- On-screen pan-tilt-zoom and video playback controls
- Post event ad-hoc search queries
- Create auto play evidence CD of recorded event clips
- Integrates with a large number of GE and third-party DVRs

Facility Commander Wnx

Integrated Digital Video
Surveillance



Integrated Digital Video Surveillance Capability Summary

Integration & Multi-Vendor Video Support

- Fully leverages the Facility Commander® distributed architecture for remote access to live and recorded video across multiple facilities
- Host DVRs across multiple Facility Commander Wnx client computers, providing multi-host redundancy with device communications failover and recovery
- Time clock synchronization of DVRs system-wide
- Simultaneously supports GE Security and other industry brands, while maintaining operational consistency in a single cohesive application

Video Console Command & Control

- Simultaneous multi-user access to video system-wide, operator permission controlled and partitionable by facility
- Drag-and-drop video console windows permits viewing anywhere on the desktop and across multiple monitors
- Drag-and-drop camera icons to create custom views for quick call-up of user definable camera groupings
- Monitor status of DVRs and cameras system-wide (DVR Com Fail, DVR Online/Offline, DVR Not Recording, DVR Disk Full, Camera Alarm, Camera Motion Alarm, Camera Video Loss)
- On-screen mouse driven controls for camera preset call-up, PTZ, focus, Iris, and recorded video playback
- Right mouse click on any live camera view for quick playback of recorded video (up to last 5 minutes or last 4 related events)

- Live video call-up via camera icons from graphics console
- Live and recorded video event call-up from system alarm and activity monitors

Video Event Triggers & Automation

- User definable event triggers for automating camera control and video tagging based on access control and/or alarm event transactions
- Multi-camera event response, user definable up to 4 cameras per event trigger
- Automatic live video pop-up on alarm, user definable per event trigger
- Multi-mode tagging for pre- and post-event record rate control, user definable per event trigger

Video Search & Playback

- System event search, query system database for video events based on date/time and event sources without requiring reference to specific DVR or cameras
- DVR event searches, query for video events based on date/time, select DVR cameras, event type or wild card text
- DVR general playback, query for video playback based on date/time starting point for select DVR cameras
- Video motion search, query for video matches based on date/time and a selected area of a camera's field of view
- System-wide query search and playback

Video Clip File Storage

- Single frame snapshot capture from any video stream to JPG file format
- Create video clips from any video stream, record to file in standard AVI and GE Security DVR native formats
- Create auto-play evidence CD of video clips

Video Driver Support

- GE Security SymDec™, SymSafe™ and SymSafe Pro DVRs
- GE Security Legend™ IP PTZ dome
- GE Security SymNet-1 encoder
- GE Security VisioWave™ IVP Discovery 300/1205/2400/2405/2415 and Evolution 2800/2809/3005
- GE Security DVMRe-CD, DVMRe-CT, and StoreSafe Pro (Wavelet compression)
- GE Security DVMRe-CTII and StoreSafe Pro II (WaveJet compression)
- Integral Technologies DVXi, DSXpress
- Pelco DX8000
- Panasonic HD500
- NiceVision Pro and Harmony
- American Dynamics Intellex
- Digital Watchdog DW Pro

Please note that support for certain features and functions may be video driver version specific and not necessarily supported by all compatible manufacturer brands or models. To receive the most current and up to date list of specifically supported manufacturer brands and models, please contact GE Security pre-sales support.

Platform Requirements

Recommended Minimum	Server	Client
RAM	2 GB	2 GB
HD Available Space	10 GB	1 GB
Processor	P4 2 GHz	
Optical Drive	CD-ROM drive	
Network Card	10/100 Mb	
Display	1024 x 768 16-bit color	

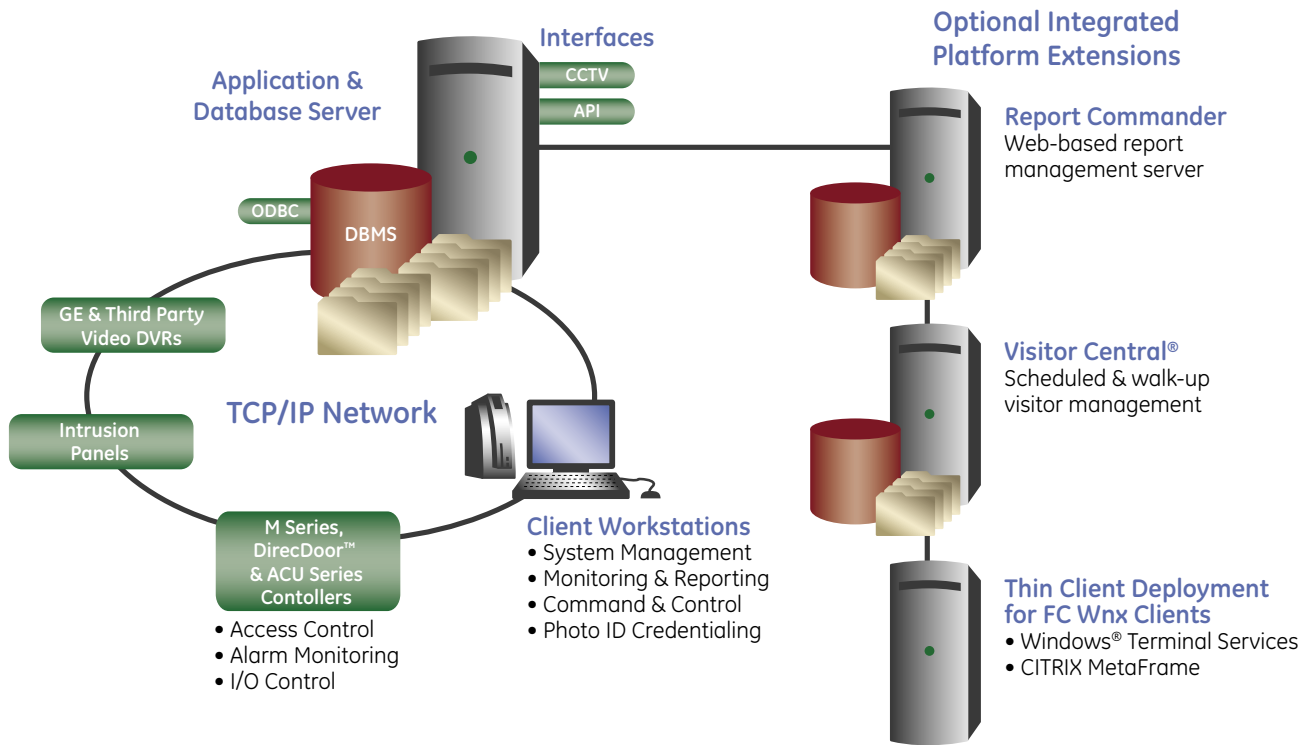
Minimum computer specifications may not provide optimal performance for all system configurations. Increasing CPU processor speed, RAM and network bandwidth will increase performance and may be required for some customers' deployments.

Compliance

UL 1076 Security
FIPS 201 PIV-I

Listed
FASC-N Support

Configuration



Configurations & Capacities

System Software	Professional	Enterprise	Global
Server Configuration	Single Server	Single Server	Multi Server
Win2K Pro Server & Clients, SQL2K MSDE	✓		
WinXP Pro Server & Clients, SQL2K MSDE	✓		
Win2K Serv, SQL2K Serv, Win2K/XP Clients		✓	
Win2003 Serv, SQL2005 Serv, WinXP Clients		✓	✓
Concurrent Clients	5	50	50 (per server)
Controllers	64	1,024	1,024 (per server)
Readers	256	4,096	4,096 (per Server)
Alarm/Aux Inputs	2,560	20,480	20,480 (per server)
Alarm/Aux Outputs	2,048	16,384	16,384 (per server)
DVRs	16	256	256 (per server)
Cameras	256	4,096	4,096 (per server)
Person/Credentials	25,000	500,000	500,000 (system wide)
Regional Servers	0	0	64
Options			
Client redundancy device failover	Option	Option	Option
Photo ID Credentialing (Per client)	Option	Option	Option
Guard Tour	Option	Option	Option
API Connectivity (Per instance)	Option	Option	Option
OH Receiver Emulator (GE NX590E over IP)	Option	Option	Option
3rd Party Visitor Management interface	Option	Option	Option

North America
T 888-GE-SECURITY
888-437-3287

Asia
T 852-2907-8108
F 852-2142-5063

Australia
T 61-3-9259-4700
F 61-3-9259-4799

Canada
T 800-267-6317
F 613-737-5517

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

Latin America
T 305-593-4301
F 305-593-4300

gesecurity.com

Specifications subject to change without notice.

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Ordering Information

WXDRIVR-INTEGRAL	FCWnx 3rd party Digital Video Recorder driver add-on option per server, Integral Technologies DVXi, DVXe, DSXpress (version specific support dependency may apply)
WXDRIVR-PELCDX8K	FCWnx 3rd party Digital Video Recorder driver add-on option per server, Pelco DX8000 (version specific support dependency may apply)
WXDRIVR-PANAHD5K	FCWnx 3rd party Digital Video Recorder driver add-on option per server, Panasonic HD500 (version specific support dependency may apply)
WXDRIVR-NICEVPHY	FCWnx 3rd party Digital Video Recorder driver add-on option per server, NiceVision Pro and Harmony (version specific support dependency may apply)
WXDRIVR-ADINTELX	FCWnx 3rd party Digital Video Recorder driver add-on option per server, American Dynamics Intellex (version specific support dependency may apply)
WXDRIVR-DWDPRO9K	FCWnx 3rd party Digital Video Recorder driver add-on option per server, Digital Watchdog Pro9000 (version specific support dependency may apply)

Facility Commander® Wnx System Software Capacities for New Systems

WXCAMLIC-0032CAP	FCWnx new system Camera capacity license, 16 to 32 cameras per server
WXCAMLIC-0064CAP	FCWnx new system Camera capacity license, 16 to 64 cameras per server
WXCAMLIC-0128CAP	FCWnx new system Camera capacity license, 16 to 128 cameras per server
WXCAMLIC-0256CAP	FCWnx new system Camera capacity license, 16 to 256 cameras per server
WXCAMLIC-0512CAP	FCWnx new system Camera capacity license, 16 to 512 cameras per server (Enterprise & Global Only)
WXCAMLIC-1024CAP	FCWnx new system Camera capacity license, 16 to 1024 cameras per server (Enterprise & Global Only)
WXCAMLIC-2048CAP	FCWnx new system Camera capacity license, 16 to 2048 cameras per server (Enterprise & Global Only)
WXCAMLIC-4096CAP	FCWnx new system Camera capacity license, 16 to 4096 cameras per server (Enterprise & Global Only)

