

FLIR *Latitude* 8.0™

Network Video Management System

PROTECT YOUR ASSETS WITH THE POWER OF LATITUDE VMS

Latitude is the preferred enterprise-level IP surveillance system with forensic-quality imaging and user-friendly operations. Using the latest technology, Latitude is a powerful and versatile network video management system for organizations of all sizes. Latitude's scalable architecture can efficiently support systems of any size or architecture and be implemented throughout enterprises, across multiple sites, cities, and continents.

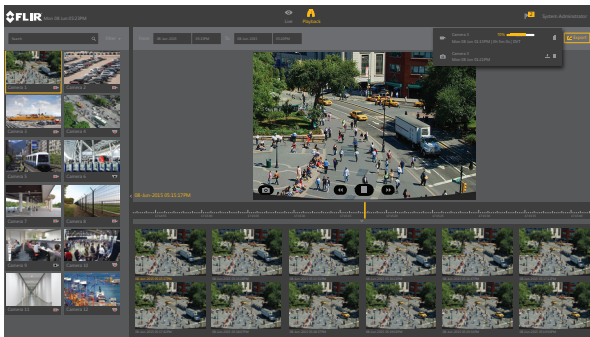
FLIR Latitude 8.0™

Network Video Management System

FLIR VMS 8.0 EZ CLIENT



Live



Playback

SIMPLY GET WHAT YOU NEED

Latitude's modern user interface offers simplicity and ease of use in managing and controlling your video operations. Effortlessly view, playback, search, and export while maintaining scalability and usability.

GAIN PEACE OF MIND WITH CYBER PROTECTION

Cyber Security is an essential element in Latitude design philosophy, continuously enhanced to adapt to Cyber Security challenges.

DIFFERENTIATING TECHNOLOGY

Latitude offers unmatched features supporting advanced thermal functionality, video analytics, adaptive stream management, case management and more

GROW WITH YOUR NEEDS

Latitude allows you to start small and scale your network to thousands of cameras worldwide.

SECURE YOUR INVESTMENT WITH AN OPEN PLATFORM

Latitude 8.0 supports ONVIF Profile S and integrates with hundreds of edge devices and third-party systems to protect your investment and give you freedom of choice.

OPTIMIZE YOUR VMS WITH A COMPLETE SOLUTION

Combine Latitude NVMS with FLIR's storage solutions and edge devices for synergistic, seamless functionality at maximum cost savings.

WHAT'S NEW IN LATITUDE 8.0

- Improved Cyber Security and edge device integration
- Installation and upgrade improvements
- Enhanced global administration
- Improved video quality in EZ Client with H.264 streaming
- Simplified discovery process
- Analytics setup of FLIR FC-Series ID thermal cameras from Admin Center
- Automated PTZ tracking with FLIR thermal PT and PTZ cameras
- Reliability improvements and bug fixes

System Functions

Video Interfaces

- IP cameras and encoders
- Standard to multi-megapixel resolutions
- All FLIR and FLIR ioi edge devices
- Broad third-party edge device support
- ONVIF Profile S-conformance

Video Monitoring and Control

- Live, playback and export in one application
- PTZ, digital zoom, layouts and tours
- Privacy masking
- Remote viewing and centralized monitoring

Advanced Features

- CaseBuilder – investigation management tool
- Mentor – capture, stream and record the operator’s screen
- Virtual matrix and remote control of other workstations and video walls
- Advanced alarm management
- Interactive HTML maps and Map Builder
- Rule-based engine for managing events and automatic actions
- Digital and optical PTZ presets
- SNMP support
- TruWitness streaming from mobile devices GIS map dynamic display of alarms, cameras and TruWitness devices

System Components

Administration and Configuration Management

- Authentication management
- System configuration and settings catalog
- Alarm management
- Incident/metadata management
- System status view
- Fail over directory—multiple per system

Real-Time Archive Management

- Tamper-proof Archiving
- Recording of video and audio
- With dual stream encoder, either stream can be recorded
- Playback of video and audio
- Manages IP Cameras, Encoders, and other IP Edge Devices
- Audio/Video - Multicast or Unicast capability
- Controls PTZ domes and sequences
- Video proxy (redirection)
- Performs motion detection events
- Using Microsoft SQL Server database to store metadata including storage management, bookmarks and motion information
- Support for redundant recording
- Supports Failover archiving
- Automatic discovery of IP edge devices
- Performs background export and mass export

Video Transcoding and Gateway Services

- Adjusts video stream bandwidth to enable video monitoring over limited bandwidth connections
- Providing a safe entry point for outside communications
- Interface with common media streaming solution for web publishing

ControlCenter

- View live, archived and exported video and audio, side-by-side
- Powerful thumbnail search
- Synchronized playback
- Advanced Workspace Mode control
- CaseBuilder mode
- Advanced video overlay controls to maximize the video real estate
- Sophisticated alarm and event management
- Manage incidents and bookmarks
- Global client – connect to multiple systems
- Remote client – connect via the Internet
- Logical tree view with entity status

Users

- Unlimited* number of users
- User management with privilege control
- Active Directory integration
- Recording and Reviewing
- Flexible recording and retention options
- Scheduled and event-based recording
- Advanced search, playback and export options
- Unlimited* cameras on multiple archivers

System Features

- Distributed architecture
- Failover of central Directory service
- Failover and redundant archiving
- Secured system access via gateway server
- Virtualization support

Additional Basic Features

- Full duplex audio
- I/O support (dry contacts and relays)
- Audit trail and reporting tool
- CCTV keyboard connections

*With Latitude Enterprise

ControlCenter (continued)

- Maps and web content in tiles
- Flexible/customizable GUI layout
- PTZ, Digital PTZ and keyboard support
- Digital zoom indication
- Automatic updates of new versions

EZ Client Web Interface

- View live video in dynamic live camera layout
- Camera Catalog with status and scene preview
- Playback and export recorded video
- Powerful Thumbnail search
- Optical / Digital PTZ support with presets
- Alarm management
- Camera/Site Filter

AdminCenter

- Configuration and administration
- Configure secured connection of cameras
- Configure thermal settings and analytics setup
- Licensing interface
- Ease of use through wizards: Quick Configuration wizard, Camera wizard, Copy Configuration wizard and user group wizard
- Dashboard display of system status
- Sidebar menu offering task oriented user interface
- Automatic discovery of edge devices
- Physical tree – servers and edge devices configuration
- Logical tree – geographical/organizational hierarchy configuration
- Filtered views for cameras, users and more
- Search/Filter support for all trees
- Profiles and schedules
- Users, user groups and privileges
- Alarm, event and action definitions
- Global client – connect to multiple systems
- Remote client – connect via the Internet
- Map Builder – A user interface for creation of HTML-based maps
- Ability to backup system databases
- Mass export and background export interface
- Automatic updates of new versions

SDK

- Provides a Latitude API that can be used for integrations and customizations
- Provides video feeds using the Direct Show filter
- Provides event and alarm listeners to the system using the Event and



The World's Sixth Sense®

System Requirements

Server Requirements

Name	Minimum	Recommended
Operating System	Windows Server 2008 R2 64-bit	Windows Server 2008 R2 64-bit; Windows Server 2012 R2 64-bit
Processor	Intel Quad Core Xeon 2.0 GHz or better	Intel E5-2620 or better
RAM	4GB	8GB
System Storage	7200 RPM; 60 GB for OS+SW; 20 GB for DB	7200 RPM; 80 GB for OS+SW; 50 GB for DB
Video Storage	7200 RPM; Standalone configured as independent physical and logical drive(s)	7200 RPM; (1) RAID 5 Array; (1) Global Hot Spare
Network Interface	(1) 1Gbps	(1) 1Gbps

*Server requirements may vary. Please reference "Latitude-8.0-Server-Specifications" for advanced specifications.

Client Requirements

Name	Minimum	Recommended
Operating System	Windows 8.1 Professional, 64-bit	Windows 10 64-bit Windows 8.1 64-bit
Processor	Intel Dual Core 2.4 GHz	Intel E3-1245 v3 or better
RAM	4GB	8GB Dual Monitor (DM), 16GB Quad Monitor (QM)
System Storage	5400 RPM; 60 GB for OS+SW	7200 RPM; 80 GB for OS+SW
Network Interface	100/1000 Mbps	1Gbps
Video Card	Intel HD 4000 Series	Intel HD P630 (DM), 2 X NVIDIA NVS 315 (QM)

Licensing Options

License	Video Channels	Users	Failover Directories
Classic	Up to 70	20	1
Elite	Up to 250	50	5
Enterprise	Unlimited	Unlimited	Unlimited

Basic Licensing Features

All base licenses include the following:

- Five User connections
- Five EZ Client connections
- Full functionality

The following items need to be ordered separately:

- Additional video channel connections
- Additional user connections
- Mobile user connections
- TruWitness connections
- SceneTracker
- Failover
- Redundancy
- GIS map support
- SDK and DSF connections
- Integrations to third party systems
- Global Admin License

*Note:

For ordering and hardware specification information, please refer to the FLIR Price Guide and the Latitude System Specification Document. Both can be obtained by contacting your Local Regional Sales Manager.

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