GSurf_Pro
Video Management Software

Grandstream Video Management Software (VMS) is the central management system for Grandstream cameras and encoder/decoders. It provides a one-stop control for devices, video recording and alarm events. Use GSurf_Pro to monitor, search and record up to 36 cameras simultaneously, manage videos locally or remotely via the controlled server with Client/Server architecture. Powerful features, yet easy to use design, make this a total solution package when combined with Grandstream IP surveillance products and 3rd party sensors.

Feature Highlights

- Client/Server architecture with e-Map support
- "Add & Go" Transmit Server allows multi-point viewing same live video
- Record File Sharing Server allows remote clients to download and replay local server records
- Multi-language support (English, Chinese, Russian, Spanish, French supported, others pending)
- Multi-screen display support with manual switch or automatic patrolling camera viewing
- Configurable 2nd stream or primary stream for front-end monitor display to save bandwidth
- Scalable video streaming viewed by client computers from central server locally or remotely
- Scheduled or Alarm triggered primary video stream recording for different cameras
- Import/Export Configuration for easy maintenance with user management and log management
- Synchronize the time for all the connected cameras from central server
- Configurable Alarm DO/DI with batch configuration available
- Two-way audio/video monitoring and alarming
- Smart Deletion allows user to choose what recorded files to remove when disk full
- Easy to find and configure cameras in LAN with updated Search tool.
- Replay up to 4 recorded local or remote video simultaneously
- Convert recorded H.264 video to AVI format for convenient video portability

Grandstream
Innovative IP Voice & Video

SYSTEM REQUIREMENT

Server: Operating System: Windows 2003/2008 Server; Windows XP SP2/SP3; Windows 7 32bit/64bit
Processor: Intel® Core™ i3; 2.6GHz or above
Memory Capacity (RAM): 4GB or above
Hard Drive Capacity: 320G (depending on recording requirement)
Graphics Card Type: Discrete Graphics Card (nVidia GeForce GTX660 or above recommended)
Network Adapter: 1000Mbps network adapter

Client: Operating System: Windows XP SP2/SP3; Windows Vista; Windows 7 32bit/64bit; Windows 8
Processor: Intel® Core 2 Duo ™ or above
Memory Capacity (RAM): 2GB or above
Hard Drive Capacity: 120G (depending on recording requirement)
Graphics Card Type: Discrete Graphics Card Recommneded
Network Adapter: 100Mbps network adapter, 1000Mbps recommended

MULTI-LANGUAGE SUPPORT
Yes (English, Chinese, Russian, Spanish, French, Portuguese, others pending)

TRANSMIT SERVER
Yes (Server as single source of video instead of individual cameras)

FILE SERVER
Yes (Centralized video recording file management for local and remote clients)

VIDEO

Compression: H.264, MJPEG
Resolution: Support all resolutions from Grandstream cameras or encoder/decoder (FHD, HD, D1, VGA, CIF, QCIF, etc.)

REAL TIME MONITOR

View Panel Layout: 1, 4, 6, 8, 9, 10, 16, 20, 25, 36
Manual Recording and Snapshot: Yes
Two-Way Audio & Video: Yes
Full Screen Display: Yes (hidden tool bar when in full screen display mode)
Alarm & Log Display: Realtime alarm information and operaton log display (when selected)
View Panel Arrangement: Drag and draw to change panel display arrangement
Polling Mode: Support manual selected video display or automatical patrol polling video display

RECORDING

Manual Recording & Replay: Yes
Time Schedule Automatic Recording: Yes
Alarm/Event Triggered Recording: Yes
Smart Deletion: Yes

REPLAY

Replay Mode: Play; Pause; Stop; Slow Forward; Fast Forward; Frame Forward; Mute; Snapshot during replay
File Searching: support searching recorde video via time, device IP, Stored Disk, Channel or Alarm Event Type

PTZ CONTROL

PTZ Control: Yes (related hardware required, not provided)
PTZ Console Speed Control: Yes (related hardware required, not provided)
Pre-defined Position Configuration: Yes (Position Setup; Switching; Delete)

ALARM ACTION

Event Type: Motion detection; DO/DI input (3rd party I/O device, not provided)
Event Setup/Delete: Yes
Alarm Event Triggered Video Recording: Yes
Play Pre-recorded Alarm Audio: Yes
Pop-up Window reminding Alarm: Yes (when configured, pop up window displaying video from alarmed device)
Alarm event displayed in e-Maps: Yes (blinking alarm venue in e-Maps)

ELECTRONIC MAPS

e-Map Management: Yes (Add, Configure, Delete)
e-Map Monitor: Yes (Blinking alarm venue; pop-up alarm video)
Layered e-Map: Yes, Supported

PROGRAM CONTROL

Automatic Logon: Yes (when configured, automatic log on and load default setting and display arranged view panels)
User Managerment: Yes
Auto Run when Power On: Yes (when configured)
Exit Authentication: Yes
Configuration Import/Export: Yes