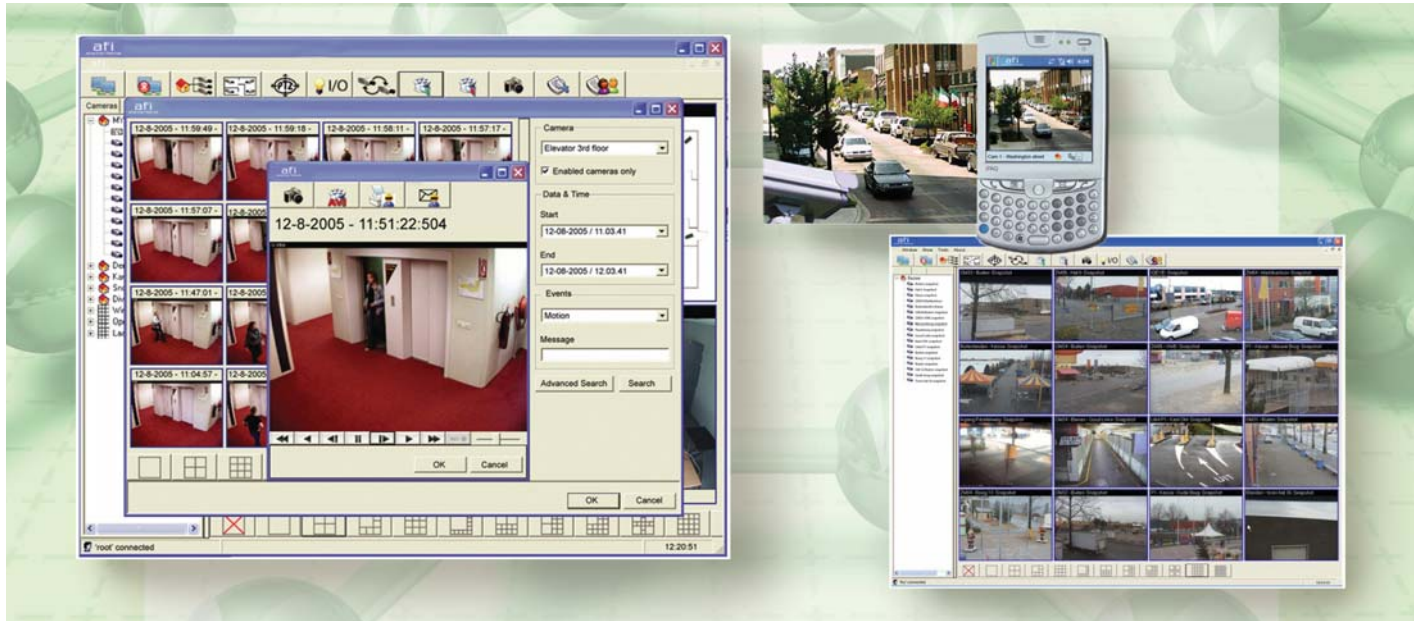


The Total Network Software Solution



FEATURES:

Pilot Enterprise is a complete management software system for video, audio, data, environmental sensors and network switches. Pilot software provides a wide range of product integration. As part of afi's "Open Path" commitment to system integration, Pilot software operates with major manufacturers of IP Cameras and Video Streamers. "Open Path" assures you that Pilot systems will continue to integrate with today's and tomorrow's video hardware components.

When combined with afi's MaxiView video codecs, Pilot software can easily integrate with existing legacy analog systems and new IP security products to form a complete hybrid solution. In addition to video, Pilot software reads alarms and status of afi's Commander switch and Scout environmental products to form a complete network monitoring command center. Pilot's unique methods for handling data and video assures fast response search times and the ability to interact with data platforms from a majority of access control and other data generating sources. Pilot offers several video and interface options operating on industry available server and storage solutions. Video sources can be MJPEG, MPEG-4, H.263 and H.264. Video, data and audio are recorded in a secure format for limited access can be converted into many standard formats. Pilot software provides complete management for multiple Scout environmental sensing and Commander network switches.

Dynamic Stream Configuration (DSC) offers the ability to change resolution, frame rate and Group of Pictures (GOP)

on the fly or at preprogrammed times or conditions to respond to specific network and/or recording conditions. Dynamic Camera Configuration can be programmed for up to three different time lapse recording settings, manual emergency recording, live view and alarm recording. Dynamic Stream Configure requires use of afi MaxiView Streamers.

Date Integration with data parsing for interface to compatible ATMs, Point of Sales systems and Cash Registers.

Report Generator: auto multiple page configuration and .PDF generator.

Cascade operation for building large scale multiple server enterprise solutions to meet requirements for tens, hundreds and even thousands of cameras.

Redundant and mirror server programming to assure continued operation capturing every video, audio and data input in the event of server failures.

Pilot E (for enterprise) is licensed per channel. Its cascade ability allows it be combined with any number of servers to handle hundreds and even thousand of channels. **Pilot Lite** is designed for smaller systems with limits of 24 cameras.

Both **Pilot E** and **Pilot Lite** are designed to operate without the need of client software. This eliminates the requirement to load software on a client. All features can be accessed over the network using secure permission levels.

Pilot Management Features:

MAIN FEATURES:

Pilot Management Software

- Deployable for single camera up to 1000+ video sources Alerts from Commander and Scout
- Intelligent and fast recording engine supporting Motion JPEG, MPEG-4, H263 and H264 video streams
- Alarm center connection for video verification of alarms
- 100% camera vendor independent and broad support for video sources
- Easy installation and configuration
- User-rights functionality with username and password for secure login
- Intelligent architecture offers fast image exchange
- Dynamic floor plan support for fast situational awareness and response
- Scheduled and event notification with sound, pop-up or e-mail
- Support for Pan/Tilt/Zoom cameras and pre-set

functionality

- Direct management of I/O embedded in the application
- Motion detection with ability for ROI (Region Of Interest)
- SQL database for storage of information
- Advanced search engine for fast lookup and playback of recorded video and events
- Log and audit trail for overview and management reporting
- Pro-active watchdog functionality for maximized reliability and uptime (damaged cameras, disconnected connection, etc)
- Wide range of user profiles and definitions possible for company wide operation
- Support for pre-defined video matrixes for fast situational awareness and multiple location overview
- Intelligent bandwidth management utilization for minimization of required bandwidth

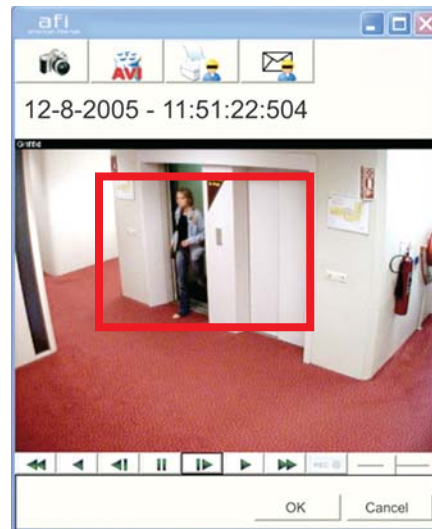
- Client to Client Communications
 - a. Instant messaging communications with text recording
 - b. Make Voice communications VoIP with ability to record conversations
 - c. Transfer of screen images
- Transfer of screen images and set up between clients
- Redundant server operation
- Server mirroring
- Save and restore function.
- Advanced motion detection with up to 32 zone settings per camera screen.
- Multiple Motion Detection profiles per camera
- Settings for Dynamic Stream Configuration for programmed and automatic resolution, bandwidth and compression settings. When used with selected AFI MaxiView streamer series.
- Unique alarm profile generator providing the ability to create custom alarm triggers from multiple input sources

Smart Client Software:

SMART CLIENT

Sometimes the need for multiple client processing can place heavy demands on servers, resulting in slower system response and reduced performance. To reduce system processing loads, the Pilot software series includes **Smart Client**. For those systems that allow software to be added to clients, either on a system or individual client bases, **Smart Client** Software offers an extensive array of features. Files located on servers can be searched directly on the server and the results transferred to the client, or total sections of information recorded on the server can be directly transferred to the client for further processing. This includes analysis such as motion detection which uses large amounts of processor power.

Smart Client software provides all the detailed video analysis tools found in Pilot Enterprise with the ability to search logs on Pilot servers, transfer files and conduct client searches, save search results as .AVI video clips, JPEG stills, or clips in proprietary format. Saved clips and stills can be transferred to any computer compatible storage media with or without audio and/or proprietary video player.



BENEFITS

- Ability to move files from server to client motion detection analysis significantly reducing server overhead to allow detailed searches.
- Ability to look at logs from server, search network servers from client and move files from servers to client.
- Ability to view and operate multiple servers and different locations.

- Ability to save files:
 1. In proprietary format
 2. JPEG
 3. .AVI
- Ability to save files
 1. With and without audio
 2. With and without proprietary player

SMART CLIENT:

- Provides Pilot operation at the client level with access and operation to multiple servers

PILOT CLIENT AND SMART CLIENT REQUIREMENTS

- Intel Pentium 4 processor 3.0 Ghz, equivalent AMD or higher
- 1024 Mb RAM or higher
- Required disk space for installation 25 Mb
- ATI Graphics card minimum 256 Mb or higher with DXVA support
- XGA (1024 x 788) monitor
- 100 Mbit Ethernet
- Microsoft Windows™ XP Professional or Windows™ 2000 with SP4
- Microsoft Internet Explorer Version 6.0 or higher
- Microsoft.NET 2.0 Runtime environment software

Pilot Mobile:



PILOT MOBILE

We live in a mobile age where information must be accessed and controlled from different locations at different times. **Pilot Mobile** addresses these needs by providing an extension to server functions operating on PDA and cell phones. In addition to viewing, **Pilot Mobile** provides recording, PTZ control and video search all in the palm of your hand. With rapid advances in wireless technology, **Pilot Mobile** not only operates on today's wireless networks, including GPRS, EDGE, UMTS, WiMAX and WLAN (Wireless Lan) but is also design to operate with future high speed technologies such as HSDPA.

MAIN FEATURES

- Access to live and recorded video at anytime, anyplace and anywhere
- Alarm and environmental alerts from Commander and Scout
- Live video streaming by deploying intelligent video compression like MPEG-4 (3GPP), H.263 and H.264
- Start recordings using the mobile device.
- Independent of mobile devices and wireless connections
- Recognizable and user friendly interface.
- 100% camera vendor independent and broad support for video sources
- Easy installation and configuration.
- Intelligent architecture offers fast image exchange
- Support for Pan/Tilt/Zoom cameras and pre-set functionality
- Direct management of I/O embedded in the wireless application
- Advanced search engine for fast lookup and playback of recorded video and events, using the wireless device
- Pre-defined camera list for fast overview of important camera positions
- Defining of user right and authorization per user

**requires server operating Pilot E or Pilot L with mobile extension

WIRELESS CLIENT REQUIREMENTS:

PDA or Wireless phone with web access using Intel © PXA270 312Mhz processor or equal
Windows Pocket PC2002 or Mobile 2003 Second Edition Software, Windows Mobile 5
Internet connection via Wireless LAN, GPRS, EDGE, UNTS, WiMAX or HSDPA

Pilot Commander Scout (CS) Software:

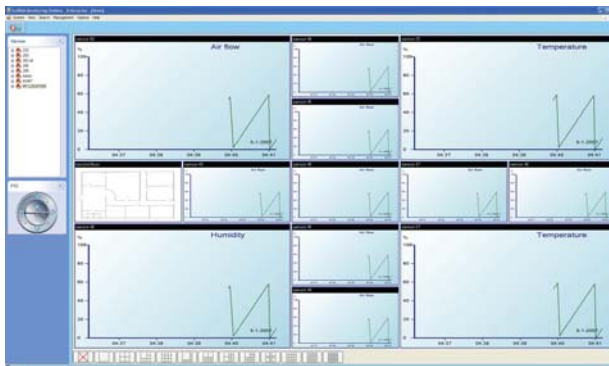
PILOT MANAGEMENT SOFTWARE FOR SCOUT AND COMMANDER



If you already have a multiple location video security system, afi provides the ability to monitor and protect network systems and their most valuable data components. Pilot provides a system solution for collecting, displaying network status and environmental conditions from thousands of locations. Pilot monitors afi Commander switches and Scout environmental sensors including their alarm contact and auxiliary outputs. Data collected from various locations can stored, searched and used to generator reports finding trends before they result in valuable data losses. Operating with tool bar alerts, Pilot, can

run in the background of any web based server system, DVR, NVR or even IP cameras.

Pilot Commander Scout (CS) seamlessly integrates Pilot's video management features extending its ability to read and respond to alarms generated by Scout and Commander's alarm contacts, environmental sensors and network communication status. Alarms generated by any Scout and Commander on the network can be programmed to trigger Pilot programmable functions and auxiliary reactions.



SERVER REQUIREMENTS

- Intel Pentium 4 processor 3,0 Ghz, equivalent AMD or higher
- 1024 Mb RAM or higher
- Required disk space for installation 25 Mb
- ATI Graphics card minimum 256 Mb or higher with DXVA support
- XGA (1024 x 788) monitor
- 100 Mbit Ethernet
- Microsoft Windows™ XP Professional or Windows™ 2000 with SP4
- Microsoft Internet Explorer Version 6.0 or higher

MINIMUM SERVER REQUIREMENTS

- Minimum Server Requirements
- Intel Pentium 4 processor 3.0 Ghz, equivalent AMD or higher
- 1024 Mb RAM or higher PC client
- Hard disk 25 Mb for the Pilot application Hard disk capacity for recordings may vary, 100 Gb or higher is recommended
- Graphics card minimum 128 Mb or higher
- 100 Mbit Ethernet (second network recommended with larger installations)
- Microsoft Windows™ XP Professional, Windows™ Server 2003 or Windows 2000 with SP4
- Microsoft.NET 2.0 Runtime environment software
- Microsoft MSDE or SQL database



AFI offers Pilot software as a stand alone product or embedded in our Director series server/storage solution.

Pilot Enterprise: Standard Products Complete Video, Audio & Data Network

PE-4	4 Channels of Pilot Video Enterprise
PE-8	8 Channels of Pilot Video Enterprise
PE-16	16 Channels of Pilot Video Enterprise
PE-24	24 Channels of Pilot Video Enterprise

Pilot Enterprise: Special Order

PE-X100	1 to 100 Channels of Video
PE-X250	101 to 250 Channels of Video
PE-X250+	250 + Channels of Video

Pilot Light: Design for smaller systems of up to 24 cameras

PL8	Pilot Lite per 8 channels
PL16	Pilot Lite per 16 channels
PL24	Pilot Lite per 24 channels

Pilot-4 License Agreement Packages

PED1-4	Enterprise for MVnD 1-4 channels. Requires purchase of one (1) MVnD1-4
PED1-8	Enterprise for MVnD 1-8 channels. Requires purchase of two (2) MVnD1-4
PED1-16	Enterprise for MVnD 1-16 channels. Requires purchase of three (3) MVnD1-4
PED1-24	Enterprise for MVnD 1-24 channels. Require purchase of four (4) MVnD1-4

Pilot Smart Client Agreement Package

P-SC Client management of multiple servers and off line analysis

Pilot Mobile: provides PTZ controls in the palm of your hand

P-M004	Up to 4 Cameras server
P-M008	Up to 8 Cameras server
P-M012	Up to 12 Cameras server
P-M016	Up to 16 Cameras server
P-M024	Up to 24 Cameras server
P-M032	Up to 32 Cameras server
P-M064	Up to 64 Cameras server
P-M128	Up to 128 Cameras server
P-M256	Up to 256 Cameras server
P-M512	Up to 512 Cameras server
P-M750	Up to 750 Cameras server
P-M999	Unlimited Camera
PL-MA	Agent to convert Pilot Light to mobile

Pilot Commander/Scout

P-CS Monitors combinations of Scout Environmental Sensing units and Commander Switchers

*Preliminary Specifications
Subject to Change Without Notice*

*Pilot Enterprise, Lite, CS and Smart Client
are tested and compatible with Vista*



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