

enVigil FEATURES

Features	Networked Video Server															
Remote Access	<ul style="list-style-type: none"> - View and control your NVS system at multiple locations through your PC - Worldwide access through your laptop - Static IP is not compulsory, Dynamic DNS support is included - CradleWatch Client supported on Windows XP and MAC - A total of 4 Users can access system simultaneously (including one administrator) - Talk to the NVS from a remote location (when speakers are connected to the NVS) - Connect to system using your mobile phone or PDA 															
Secure Access	<ul style="list-style-type: none"> - Encrypted video and audio channeled through VPN tunneling or SSL protocol 															
Intelligent Events and Alerts	<ul style="list-style-type: none"> - Alarm Triggers <ul style="list-style-type: none"> - Motion Detection - programmable motion mask and configurable sensitivity for motion detection - Blind - Obscured camera detection - Loss - Disconnected camera detection - Sensor (motion detectors, temperature/humidity detectors) triggered recording - Time scheduled event detection - Alarm Actions: <ul style="list-style-type: none"> - Emails to PCs and PDAs - SMS/Text Messaging via modem - Video and Audio Recording on one or more cameras - Relay output (to control security sirens, buzzers etc) - Sensors and Relays <ul style="list-style-type: none"> - Each Cradle I/O module supports 4 digital outputs, 4 digital sensor inputs and 2 analog sensor inputs. - Any number of these modules can be connected through a RS-485 connector. 															
Audio Features	<ul style="list-style-type: none"> - Live video streaming with G.726 (32kbps) - Audio recorded with G.711 (64kbps) - Audio input available with selectable Audio Input Gain for each video channel - User can talk to someone at the Server location (Audio Out) 															
Video Compression Standards	<ul style="list-style-type: none"> - Encoding bit rate of 64kbps to 2Mbps - Selectable H.264 or MPEG4 - MPEG-4 Part-2 ASP Encoder - H.264/AVC Baseline Encoder <table border="1"> <thead> <tr> <th>System Type</th> <th>Encoder</th> <th>Maximum FPS</th> </tr> </thead> <tbody> <tr> <td>(4 / 8 / 16) channels</td> <td>MPEG4</td> <td>D1 NTSC @ 120 fps D1 PAL @ 100 fps</td> </tr> <tr> <td>(4 / 8 / 16) channels</td> <td>H.264</td> <td>D1 NTSC @ 60 fps D1 PAL @ 50 fps</td> </tr> <tr> <td>32 channels</td> <td>MPEG4</td> <td>D1 NTSC @ 240 fps D1 PAL @ 200 fps</td> </tr> <tr> <td>32 channels</td> <td>H.264</td> <td>D1 NTSC @ 120 fps D1 PAL @ 100 fps</td> </tr> </tbody> </table>	System Type	Encoder	Maximum FPS	(4 / 8 / 16) channels	MPEG4	D1 NTSC @ 120 fps D1 PAL @ 100 fps	(4 / 8 / 16) channels	H.264	D1 NTSC @ 60 fps D1 PAL @ 50 fps	32 channels	MPEG4	D1 NTSC @ 240 fps D1 PAL @ 200 fps	32 channels	H.264	D1 NTSC @ 120 fps D1 PAL @ 100 fps
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Video Resolution	<ul style="list-style-type: none"> - D1- 720x480 pixels NTSC, 720x576 pixels PAL - this produces the best picture quality - 1/2 D1-720x240 pixels NTSC, 720x288 pixels PAL- this produces almost as good a quality but uses almost half the disk storage (recommended) - CIF-352x240 pixels NTSC, 352x288 pixels PAL -which gives the lowest picture quality but uses almost one quarter of the disk storage compared to D1 															
Video Storage and Archives	<ul style="list-style-type: none"> - NAS and RAID capable. Up to 8 individual NAS/Hard disks can be added to extend the storage time to many months 															
Installation	<ul style="list-style-type: none"> - CradleWatch Server files and Fedora 8 (Linux) files are pre-loaded on NVS - CradleWatch Client is ready to install on remote computers 															

Please refer to datasheet for detailed specifications



enVigil
Pioneering Networked Video Server

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enVigil S & E series

Cameras : Up to 32 cameras
 1 audio and video per camera
 Capacity : Local HDD up to 2 TB
 Power Supply :100/240 Volts 60Hz/50Hz

enVigil M series

Cameras : Up to 16 cameras
 1 audio and video per camera
 Capacity : Local HDD up to 500GB
 Power Supply :12 Volts DC



A Leader in Networked Video Server (NVS)



enVigil



Multiple Security Requirements
 Multiple Locations Supervision
 Multiple Operations Management
 Multiple Assets Protection

enVigi Goes Beyond Security to help you manage business better

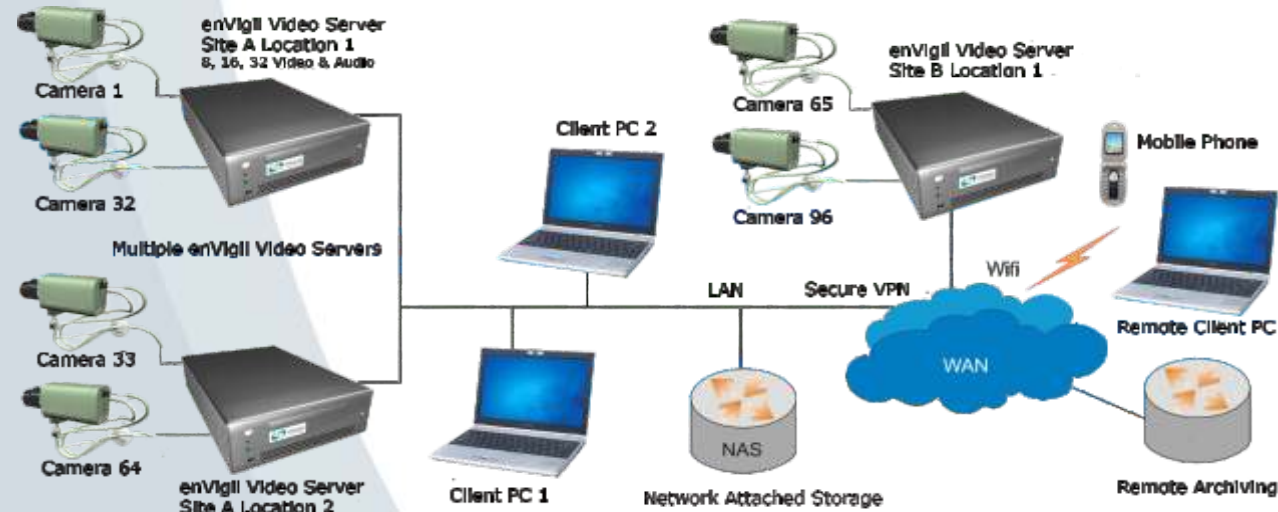
Contact us today for more information on how enVigil system
 Goes Beyond Security and helps your business in numerous ways!



enVigil
 Pioneering Networked Video Server

enVigil

Pioneering Networked Video Surveillance



Networked Video Surveillance System

Whether you are purchasing a new surveillance system for the first time or updating your existing CCTV system, Cradle's enVigil surveillance system will help you manage your security requirements and go beyond it to meet many of your business needs.

Each enVigil unit can handle up to 32 cameras



- **Easy and Secure Remote Access**- View video in real-time on secure VPN from anywhere in the world .. all you need is a PC or a PDA
- **Simultaneous Multi location Access**- Remotely supervise multiple business locations at the same time from anywhere in the world
- **Intelligent video surveillance**- Video Analytics for detecting loitering, intrusion, wrong way entry and counting people
- **Central Administration**- Setup and manage all surveillance location from one central location.
- **Local and Remote Storage**- Ability to store data locally and remotely on network attached storage. Continuous archiving for long term storage

Go Beyond Security

- **Enhancing Customer Service**- Observe how your employees interact with your customers and improve customer satisfaction
- **Improving Employee Productivity**- Observe any part of your factory floor at will and improve business processes and reduce shrinkage

enVigil for Industrial, Commercial and Public Infrastructure

enVigil delivers the best value for multi-location deployment. Hotels, malls, banks, factories, apartment complexes, university campuses, chain retail stores and restaurants derive the most value from enVigil. If you have an existing legacy system, enVigil provides the most advanced system upgrade leveraging the pre-existing installation infrastructure.

CRADLEWATCH

CradleWatch is comprehensive video management software used in conjunction with Cradle's multi-channel enVigil system. It is an ideal solution for surveillance system users who are looking to upgrade their existing CCTV system or purchase a new, intelligent, and easy-to-use system. CradleWatch consists of a server and client software. It enables users to fully configure enVigil servers remotely.



CONNECTIVITY

Connectivity to your video server is as ubiquitous as connectivity to the Internet.

- **Remote Access**: Access your video surveillance system from anywhere in the world using your Internet connection.
- **Interoperability**: Access your video surveillance system using your PC, Notebook, netbook, cell phone or PDA.
- **Alerts**: Receive your alerts via e-mail or a text message (SMS).

CONSISTENT VIDEO TRANSMISSION

Quality of audio and video transmission over the Internet is unpredictable because of changing availability of bandwidth. CradleWatch is intelligent and adjusts to optimize your viewing experience.

How? The system adjusts the video frame rate and bit rate based on what is available on the network to deliver the best possible viewing experience. Audio quality is maintained by retaining audio/video synchronization in spite of varying video frame rates.



HIGHEST QUALITY OF VIDEO

CradleWatch delivers the highest quality of video using its state of the art video encoding techniques. It is fully standards compliant H.264 and MPEG4 implementation enable viewing interoperability.

SECURE ACCESS

The system is secured through the use of encrypted connections. Cradle uses one of the most secure methods for transmitting your video.

How? All video transmissions over a LAN or WAN are fully encrypted and channeled through industry standard VPN (Virtual Private Network). No one else can view what you are viewing without your permission, essentially enabling you to have a "private video network" .

INTELLIGENCE AT YOUR FINGERTIPS

CradleWatch software transforms data and images into meaningful information, ready for your use.

- **Intelligent Alerts through Video Analytics** - People analytics such as loitering detection, intrusion detection, wrong way entry and people counting are supported.
- **Real time alerts** : Events can trigger real-time alerts and follow-on actions. Alerts can be delivered by e-mail or SMS to your mobile phone or PDA.

FLEXIBILITY

- **Scale up your operations easily**- The system is flexible, allowing addition of multiple locations to be monitored.
- **How?** As needs change, cameras, audio sensors, relays, storage can be added to expand system.
- **Reliability and Availability**- System is designed for reliable 24x7 operation

How? Add redundant storage though RAID support. Improve the reliability and ensure 24X7 availability through hot swap capability. A variety of UPS (Uninterruptible Power Supply) products are supported to enable a graceful shut down to eliminate loss of data and minimize the risk of hard disk failures.