S2 NetBox™ Video Management

Feature Summary

- Seamless integration with access control and alarms
- Single user interface for IP and analog cameras, DVR and NVR
- Operated completely from within your web browser
- Integrates Dedicated Micros DV-IP and DS2AD video servers
- Integrates OnNet NetDVR and NetDVMS video systems
- Integrates Milestone Systems' XProtect™ video servers
- Supports a wide variety of IP video cameras
- Live video display in quad, PiP, and other formats
- One-click access to historical video

- System events initiate video recording
- Video motion detection generates system events
- One-click access to event video with browser playback
- PTZ controls integrated into browser displays
- Display IP and analog cameras on a single display
- Thumbnail video recall from floorplan graphics
- Monitoring Desktop integrates monitoring of events and video
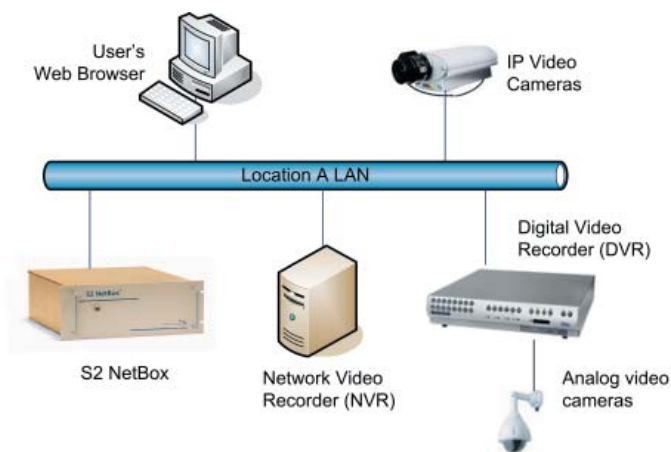- Detailed browser-accessible documentation

Overview

The S2 video management subsystem offers high end video handling capabilities in a small, scalable package. The system supports analog and IP cameras, DVRs and NVRs - all simultaneously. All devices are network connected, and can be accessed with no software other than a common web browser. Because it runs on an S2 NetBox, no PC server is required.

Applications requiring digital video recorders (DVRs) can use the familiar Dedicated Micros DV-IP or DS2AD video servers. When network video recording is desired, the OnNet NetDVR™ and NetDVMS™, or Milestone Systems' XProtect™ system is used. Hybrid (analog and IP) video systems are easily deployed using a combination of these technologies. View-only camera capability for a variety of IP cameras is directly supported, requiring no NVR or DVR. Your network is the only physical connection between the S2 NetBox and any video component; relays and hardwired inputs are never required.

With the S2 NetBox, you build real time displays with any mixture of cameras - IP or analog - available on your network. A single mouse click lets you browse recorded video from any live camera. Events in the alarm and access control subsystems can initiate video recording, change camera telemetry, and switch video displays. Likewise, motion detected by cameras can initiate alarms in the S2 NetBox alarm subsystem.

Data logs for events that have associated video are shown in real time displays and historical reports with icons indicating that link to recorded video. A mouse click on the appropriate camera icon retrieves the related video stream and provides replay controls.
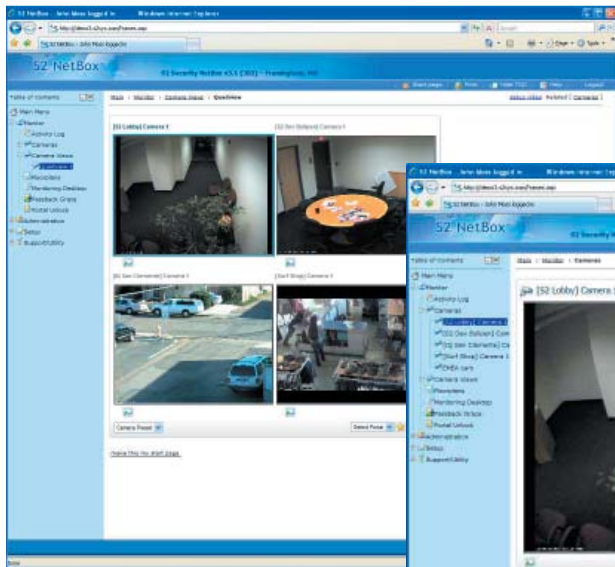

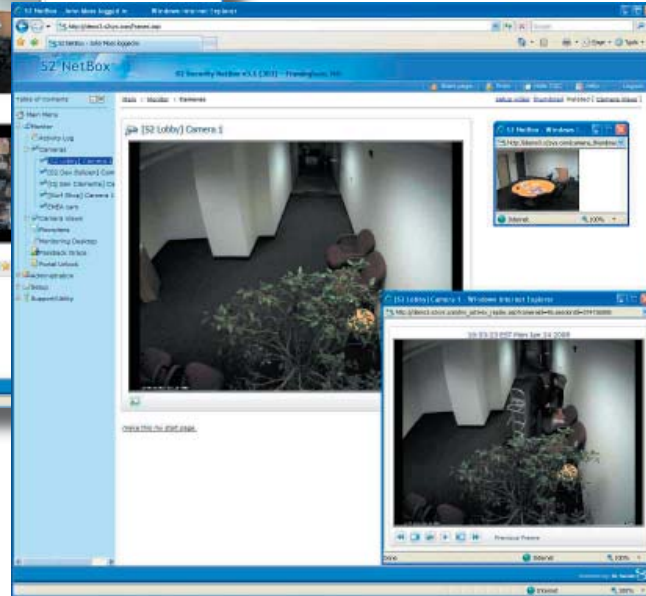All components are connected to the network. Both IP and analog cameras are supported.

Live camera displays of single cameras, quads, and picture-in-picture views can be built easily with the S2 NetBox. When PTZ controls are available, the user interface shows them and allows a click on the video display to reposition a camera. Live views are also integrated into floorplan graphics and the Monitoring Desktop display that acts as a dashboard for video, alarms, and other security subsystems. For convenience, live video thumbnails can be detached and dragged onto your PC desktop, requiring very little screen real estate.

The S2 NetBox has a built-in library of IP video cameras that can be expanded in the field, right from the user interface at any time.

S2 SECURITY CORPORATION

Video Management in detail...

Video displays such as single camera, picture-in-picture, or quad (shown here) can be easily built. Analog and IP cameras can be mixed on the same display. Telemetry and historical video browser controls are shown when these functions are available.
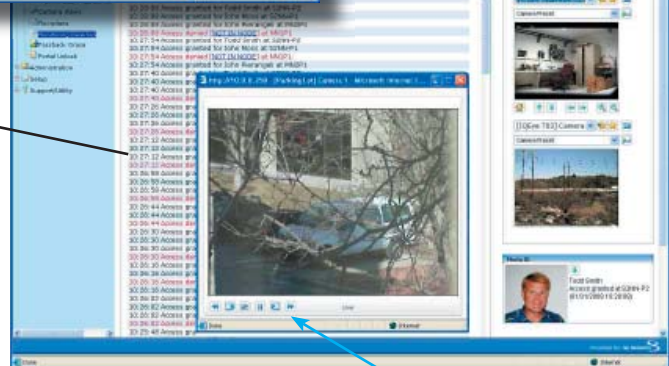
The historical video browser lets you go directly to stored video for an event. You can also search forward or backward at various speeds, or frame by frame.

A video thumbnail, shown at top right, can be placed anywhere on your desktop to show live, real time video for any camera.

14:27:31 Logged in Michael Welles from 71.243.120.242
14:23:41 Event alarm Front door visitor detected 🎥 HQ Front Door

Items in the event log marked with the camera icon have associated, stored video. Hovering on the camera with the mouse displays which cameras are recorded. Clicking on the camera replays the stored video.

Familiar controls let you examine recorded video in detail.

Specifications

Supported DVRs/NVRs	Dedicated Micros DV-IP, DS2AD, OnNet, NetDVMS, Milestone Systems XProtect™, JVC VR-900U	Video data formats	JPEG, MJPEG, MPEG, others depending upon video server
Supported IP cameras	Axis, IQinvision, Panasonic, Sony, Vivotek, others. New models easily defined in user interface.	Number of cameras	Limited only by available bandwidth