Digital Video You Can Use

DigitalSENTRY 3.0

New Software Features - Digital Video Management

DS Enterprise and DS XPress systems with DigitalSENTRY version 3.0 software are shipped with TX-400 image capture cards, and most systems ship with the new audio input bracket. DS Enterprise and DS XPress customers with DigitalSENTRY versions 2.2.x and later, and TX-400 image capture cards are able to upgrade to version 3.0.

Easy Configuration Wizard

DigitalSENTRY 3.0 includes the new Easy Configuration Wizard, which leads you step-by-step through the configuration of a DigitalSENTRY system. You can also create a library of pre-configured settings that make the initial setup of DigitalSENTRY easier than ever. DSAdmin Wizard does not replace DSAdmin—it complements it; you can still use the standard version of DSAdmin to configure your system if you prefer.
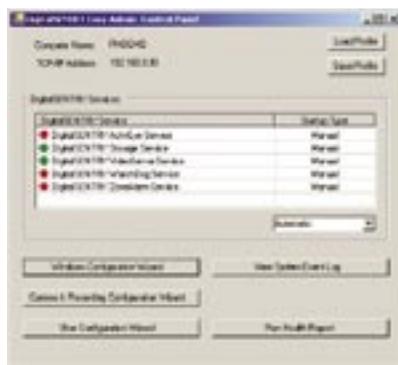
Windows® XPe Operating System

DigitalSENTRY 3.0 uses the Windows XPe (XP Embedded) operating system. XPe provides a more customized operating system that can be tailored for the specific needs of a Digital Video Management System. XPe supports the familiar DigitalSENTRY interface, but the underlying operation is more efficient than in previous versions.

Audio Support

DigitalSENTRY 3.0 provides four-channel audio recording support on all systems with TX-400 capture cards and an audio input bracket. In addition, live monitoring and recorded playback of audio are available through the DigitalSENTRY client software, providing access to DigitalSENTRY audio data both locally and remotely across a network.

Increased Image Resolution

DigitalSENTRY 3.0 supports image resolutions of up to 704×480 NTSC (704×596 PAL)—also known as full-frame resolution. This allows all DS Enterprise and DS XPress systems with TX-400 capture cards to provide the three most popular resolution settings for each video standard:

NTSC	PAL
352×240	352×288
704×240	704×288
704×480*	704×596*
*full-frame resolution	

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Dual Mode (Hybrid) Recorder (Optional)

DigitalSENTRY 3.0 provides optional support for up to four IP devices per VAU. This allows any DS Enterprise or DS XPress system to perform as a dual mode recorder, allowing both IP devices and traditional analog camera feeds to operate side-by-side all within a single user interface and chassis.

DigitalSENTRY 3.0 supports AXIS 210/211 IP cameras as well as the AXIS 241Q/S IP video server. The AXIS video server converts analog camera inputs into digital outputs that are then sent over a TCP/IP network. In future releases, Integral Technologies will continue to expand the list of supported IP devices.

Full IPIX 360° Viewing, Recording, and PTZ functionality (Optional)

DigitalSENTRY 3.0 is integrated with the IPIX CommandView IP camera. By seamlessly integrating the IPIX CommandView camera with DigitalSENTRY software, Integral offers features not available from competitors. Operators can pan, tilt, and zoom through live, recorded, or exported video directly from within the DigitalSENTRY interface. Also, operators can simultaneously monitor multiple views from a single CommandView camera.

DigitalSENTRY 3.0 provides these powerful IPIX features along with traditional camera feeds—all from within a common interface.

Event Detection and Classification Software (Optional)

DigitalSENTRY 3.0 is integrated with ActiveAlert™ event detection and classification software. This integration provides up to four video channels of powerful event and detection analysis that can recognize over 20 different types of behavior. Any DigitalSENTRY system operating as a SAVR can have optional ActiveAlert software running on the same box. The following is a list of events that ActiveAlert can recognize and report to DigitalSENTRY:

Object Motion
Object entered
Object entered restricted zone
Object exited
Object exited restricted zone
Object started moving
Object stopped moving
Object started moving in the wrong direction
Object stopped moving in the wrong direction
Object trespassing

Traffic Events
Car started driving in the wrong direction
Car stopped driving in the wrong direction
Car entered restricted area
Car exited restricted area
Car parked in restricted area
Car made an illegal U-turn
Car parked in handicapped zone
Car pulled off the road
Car needs assistance

People Events
Person entered restricted zone
Person exited restricted zone
Person loitering in restricted zone
Person started moving in the wrong direction
Person stopped moving in the wrong direction
Person started running