DigitalSENTRY 4.1

New Software Features – Digital Video Management

DigitalSENTRY® (DS) is world-class security software providing IT-focused, scaleable solutions that allow users to administer and manage data for multiple locations from a single client workstation. The DS 4.1 release introduces additional IT-focused functionality including network health monitoring, increased IP camera counts and support for the DS 1000 digital video management system (DVMS).

Network Health Monitoring

Network health monitoring (NHM) enables the use of simple network management protocol (SNMP) to monitor any Integral DVMS alongside other networked devices. At-a-glance, this application creates peace of mind ensuring all systems are functioning properly. If a problem does arise, NHM provides early warning signs of network or hardware failure by notifying the user via e-mail, or visual and audible alert options, resulting in faster response and greater system uptime.

DS 4.1 is compatible with several SNMP monitoring packages. By combining the Integral SNMP software with the industry-standard Windows SNMP service, DS 4.1 allows users to monitor the NHM functionality in multiple ways - IntraVUE™, InfraStruXure® Central or any third-party SNMP monitoring application. (IntraVUE and InfraStruXure Central are available through Integral.) All DS 4.1 DVMS will ship with this functionality.

Increased IP Camera Counts

Additional IP cameras and increased camera counts on DS DVMS' are also included in DS 4.1. Integral's DS NVR is now offered in a 32-channel configuration. DS 1000 / DS XPress / DS RealVue now support 16-channels of IP video and DS NVs have improved performance numbers, and is offered in a 64-channel configuration.

DS 1000 Support

DS 1000's channel count, frame rate and compression technology provide a perfect solution for today's mainstream applications by offering 16- and 32-channel configurations, capturing five to ten frames per second. The MPEG-4 compression technology provides a smaller file size with improved image quality. By simultaneously supporting both IP and analog cameras, the DS 1000 offers a truly flexible hybrid solution.

GSA **Integral Technologies**
FSS Contract GS-07F-9323S

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Network Health Monitoring (NHM)_____

DigitalSENTRY® (DS) 4.1 will expose the following information via SNMP:

- Host name and IP address
- Serial number and software version
- Licensed product name
- Product ID and license key
- Trap destination
- Model number and system name
- Number of hard drives on system
- Hard drive serial numbers
- Hard drive temperatures
- Number of system cameras
- Camera names and input numbers
- Camera status (recording, no signal, scene loss)
- Number of days of video storage on disk
- DigitalSENTRY services status

SNMP traps can be sent to provide the following information:

- Camera list change
- Service changes
- System restart
- Hard drive event
- System shutdown
- Alarm and Windows events
- Video deleted sooner than expected

DS 4.1 provides users multiple NHM application options:

- IntraVUE™ (Integral provided)
- InfraStruXure® Central (APC NetBotz® / Integral provided)
- Users may supply their own software (i.e. HP OpenView or WhatsUp® Gold)

Increased IP Camera Performance_____

Product	Channel	Resolution	fps
DS NVs	64	CIF	30 fps
DS NVs	64	4CIF	15 fps
DS NVR	32	CIF	30 fps
DS NVR	32	4CIF	15 fps
DS RealVue	16	CIF	30 fps
DS RealVue	16	4CIF	5 fps
DS DVMS*	16	CIF	15 fps
DS DVMS*	16	4CIF	5 fps

* DS XPress, DS Desktop, DS Enterprise, DS RealVue Desktop
Performance based on running DS Client on separate workstation.

DS 1000 IP Camera Performance_____

Channel	Resolution	fps
8	CIF	30 fps
8	4CIF	7.5 fps
16	CIF	30 fps
16	4CIF	5 fps

Performance based on running DS Client on separate workstation.