



Intelligent Security Systems & Pelco: THE Synergy OF Integration

BY DAVE DELISSER, DIRECTOR OF 3RD PARTY INTEGRATION & PARTNERING

The true measure of successful integration is often the level of synergy created by two very innovative solutions. In the case of Intelligent Security Systems (ISS) and Pelco, there is an established history between the two companies of many mutually beneficial projects.

ISS has its roots in space technology, which has led to the development of software with highly advanced algorithms. This in turn makes possible a level of intelligence, flexibility and accuracy for video management and analytics that previously was only available for government and military applications.

Recent Integration with Pelco

Most recently, ISS has worked with Pelco on integration of two key Pelco products, the Spectra IV IP H.264 Camera Dome Positioning System and the Endura NET5401T Video Encoder. These products have been integrated across a very wide array of ISS solutions, from smaller Xpress projects all the way up to Enterprise class rollouts. ISS is the first company to integrate the NET5401T video encoder as well as the Spectra IV IP H.264 system.

“Our customers’ needs were very specific and demanding when it came to cameras and encoders,” said Aluisio Figueiredo, Chief Operating Officer for ISS. “They required cameras that on the one hand were robust enough to handle extremely challenging outdoor conditions, as well as produce the most high-quality video images. Pelco exceeded expectations for both of those criteria, as well as with providing encoders that delivered first rate images and at the same time kept bandwidth and storage needs to a minimum.”

ISS is also integrated to the following Pelco product offerings: the Sarix Mega-Performance line of IP cameras, Spectra Mini IP Dome Positioning Systems, IP110 Series Camclosure Indoor/Outdoor Network Mini Dome and IP3701 Series Color Network Cameras.

Success Across the Spectrum

The combined solutions of ISS and Pelco have had wide success in a variety of real world applications, including international seaports, citywide surveillance and highway monitoring. In many cases, customers wanted to optimize use of their legacy equipment and the NET5401T encoders proved ideal for providing best-in-class IP capabilities and the ability to benefit from the highly advanced algorithms of ISS.

By deploying Spectra IV IP camera domes and NET5401T encoders in combination with a variety of ISS SecurOS™ solutions – including SecurOS Video Servers, License Plate Recognition (LPR), Face Capture and Recognition, Traffic Monitoring, and Container Recognition – customers across the world have been able to:

- Have a unified Security Solution and Central Monitoring center
- Deploy Built-in Video Analytics such as LPR and Face Recognition
- Exceed the complex security requirements of urban environments
- Integrate with access control and biometrics
- Gather and assess information
- Maintain communication protocols
- Restrict access and prevent unauthorized weapons
- Provide the means to raise alarms
- Put in place vessel and port security plans

By integrating with existing access control and legacy security systems, the ISS SecurOS and Pelco framework provides simplified gathering and storage of video records, access control telemetry, and establishes and implements a comprehensive scenario based reaction protocol to multiple events and alarms.

“We were very impressed with the All in One Platform of SecurOS,” said Jeremy Hoyos, Pelco Integration Business Development Manager. “This is truly an exceptional partnership were two very OPEN companies have come together to CLOSE the integration gap, and provide our mutual customers with a seamlessly integrated system. We look forward to many more successful partnerships with ISS.”