



For more than 44 years, clients have relied on SIGNET's security technology solutions.

SIGNET understands the complexities of data and video networks and can design solutions to conquer every IT and security concern, from integration with an existing network to the design and installation of a fully independent system. SIGNET solutions leverage cloud architecture where appropriate, reducing the need for large capital expenditure.

Access Control

Dependable and easy to use—there's no better way to describe the card access and door control solutions offered by SIGNET. Our skilled design team can implement systems to satisfy the security demands of a wide range of facilities. And our strategic partners are technology leaders who share the SIGNET commitment to best-in-class security products and systems. SIGNET offers Access Control solutions utilizing Biometric & Mobile Credentials to increase security while streamlining operations.

Video Surveillance

Creating a deterrent to crime is at the core of video surveillance. SIGNET offers solutions utilizing analytics to reduce the amount of time needed to find and react to incidents. Technologies allow for suspicious items to be identified and highlighted in real time to security personnel. Advanced search then allows security staff to quickly identify the suspect and react fast to reduce business disruption.

Intrusion Detection

Immediate notification of an intruder is crucial to a security strategy. SIGNET's systems are designed to ensure instant response for the protection of people and property. Our expert design team fully understands that safeguard needs are unique to specific buildings; as such we work to create the most cost-effective solutions—from the simplest to the most sophisticated—to meet all security challenges while minimizing and controlling nuisance.

Service

As security platforms become more technologically advanced, our valued clients can be rest assured that SIGNET has the in-house expertise needed to maintain, update, support, troubleshoot, and repair their mission critical security systems and components. Leveraging our own Department of Public Safety and OSHA Certified personnel, SIGNET offers 24/7/365 security system emergency response and remote system diagnostic services to ensure the uninterrupted protection of our clients' key assets, personnel, and peace of mind.

Services offered include:

- Off-Site System Monitoring
- Remote System Diagnostics
- Software Maintenance Programs
- Technology Refresh Programs
- Preventive Maintenance
- Critical Component Stocking
- Equipment Repair
- Equipment Replacement
- Cleaning and Adjustment

Rhode Island Turnpike and Bridge Authority (RITBA), Jamestown, Rhode Island

Challenge

When RITBA recently constructed a brand new administration building to renovate their existing building, as well as renovate and upgrade the aging Bridge Toll booth/EZ pass lanes, they contracted SIGNET Electronic Systems, Inc., to design and install a multifaceted security solution.

SIGNET's scope was turnkey, including the design, furnishing, installation, commissioning, owner training and warranty of the integrated technology systems throughout the new facility, toll lanes and underground passage tunnel. The systems included integrated IP Video Surveillance, Access Control, Audio Visual Systems, Public Address, Intercom, a dedicated IP Network and structured cabling for the building, toll lanes, maintenance garage and tunnel. The client's requirement for highly detailed images of rapidly moving vehicles, as well as their need to display video on multiple displays simultaneously, presented some of the unique challenges of this project.

Solution

SIGNET successfully deployed a comprehensive security solution. To facilitate color clarity, high intensity LED white light illuminators also were installed externally to assist with nighttime and low-light level surveillance. In response to the client's need to display video on multiple displays simultaneously, SIGNET installed three large LCD displays, an HD projector with dynamic quad window ability, one interactive whiteboard and a wireless touch panel control system for RITBA's Emergency Operations Center. The AV systems also included rack-mounted computers to provide live video feeds of local and external systems for display in the Emergency Operations Center.

Other installations which added to the complexity of the project included Access Control on 12 doors, and structured cabling consisting of 100 data work-area outlets, 40,000 feet of Category 6 cabling, and 1,000 feet of 10G optimized fiber optic cabling. The systems were extended to support the client's renovated maintenance building, as well as their newly constructed employee-passage tunnel crossing underneath the highway. The products deployed on this system were based upon SIGNET's best-in-class partner manufacturers comprised of Zenitel, Genetec, Hirsch, Crestron, Biamp, JBL, Axis, Dell, HP, Middle Atlantic, Hubbell, and Superior Essex.



To meet the client's requirements for highly detailed images of rapidly moving vehicles, SIGNET installed over 42 HD video surveillance cameras and high-intensity LED white light illuminators for each lane, allowing RITBA administrators to not only view toll collection booths and vehicle lanes, but also easily identify license plate information any hour of the day.