



High-Security Facility Case Study

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CLIENT BACKGROUND

A High-Security Facility is designed to be a world-class modern structure hosting valuable consumer goods.



COMPANY SIZE

The High-Security Facility employs approximately 250 people.



LOCATION

The High-Security Facility comprises 700m² of space divided into various-sized offices.

CHALLENGES

- » Consolidated control center for stationed guards
- » Managing user access in and around the building
- » Monitoring and controlling user traffic
- » A reliable system with little or no downtime/outages with full redundancy and manual backup for door controls
- » A short project implementation period, with minimal existing system downtime/outages
- » Web-based/mobile apps - providing mobility of usage under cyber security requirements

The PACOM VIGIL CORE solution was formerly known as SPG ARCO

WHY CHOOSE PACOM?

PACOM is an innovator in the field of electronic security with a focus on exploiting the rise of IoT and smart technology. In a market dominated by in situ systems that use legacy technologies that are often incapable of integration, PACOM has identified a way to make use of smart devices and SaaS cloud technologies to bridge the integration gap.

PACOM's R&D team are pioneers in the area of IP security. They have developed a product portfolio utilizing the latest tools and technologies, all of which are modular, cost-effective, and provide easy integration.



SOLUTION

PACOM VIGIL CORE is an intelligent, centrally-controlled network designed primarily for managing remote sites.



High-Security Building Management

The S1000 Controller was installed to monitor and automate access control rights to areas, doors, pedestrian and vehicular gates and administer a series of complex interlocks. Automatic data collection occurs from readers and other devices within each location. Security in each area can be fine-tuned using scheduled access, anti-passback, duress alarms and dual authentication options.



Consolidated Cloud-based Monitoring

PACOM VIGIL CORE is a web-based application that resides in a central location or the cloud and provides the collection point for all events from the S1000 Controller. VIGIL CORE monitors security/access alarms, telemetry activity, and data gathering from the readers connected to the S1000 located at each door and prioritizes events for multiple operator workstations.



Comprehensive User Access Control

Interactive dashboards and graphical screens provide easy management and data consolidation showing the current and historical status of secure areas. There is the ability to drill down to view the current status and system configuration at any site, enabling timely management of alarms and proper escalation of emergencies. Details of the recorded history stored in the system can be used for analytics and performance enhancements.

SOLUTION SUMMARY

- » Comprehensive user credential profiles
- » Control and access monitoring of doors, areas, pedestrians, and vehicular gates
- » Administration of complex interlocking, including numerous 3-way interlocks
- » Touch screen operation providing an excellent user interface
- » Graphical displays for ease of use
- » Alarm event escalation

SOLUTION SIZE

- » User Database = 50
- » Door Controls = 15





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