

Erlich Protection Systems Harnesses the Power of Integration



BOSCH
Invented for life

Industry:
Industrial

End User:

Erlich Protection Systems, Inc.

was established in 1977. The company provides a variety of loss prevention and life safety systems for commercial and industrial facilities, government agencies, healthcare campuses as well as schools and universities in the greater Detroit metropolitan area. Highly skilled and fully certified electronic engineers enable Erlich Protection Systems to promote integrated and customized systems, and extensive training helps create a consistently high level of quality in every aspect of the company's work and relationship with customers.

Business Objective:

Erlich Protection Systems sought to upgrade the security system that was installed at its own 8,000 square foot facility in Farmington Hills, Michigan. The company required updated security, access control and video surveillance capabilities in order to protect its assets, employees and the facility itself. With an integrated system, Erlich Protection Systems could also demonstrate its ability to create customized systems for customers.

Solution:

The company installed Bosch's Building Integration System (BIS), a flexible building management system that can be configured to suit users' specific needs. For Erlich Protection Systems, this means one user interface to monitor and operate its facility's access control, video and security systems.

For intrusion detection, the company uses a D9412GV2 Control Panel to secure three areas of the building. Access Engine software and the Access Modular Controller hardware also protect nine doors at the facility where employees must present their access credentials in order to enter and exit.

BIS allows operators to log in to the system to control the doors and security system as needed. For example, if the building is locked, but a shipment is scheduled to arrive, the office manager can unlock the shipping and receiving door directly from the BIS user interface.

AutoDome cameras with AutoTrack are positioned in the company's demo room and at the shipping and receiving door. A Dinion camera at the front door allows the executive assistants to see visitors before granting them access to the facility.



Erlich Protection Systems, Inc. uses Bosch's Building Integration System

Additional cameras also provide surveillance for the sales and engineering departments as well as the warehouse.

BIS integrates all systems together with color graphical maps, created from AutoCAD drawings, indicating the different areas of the building. If an alarm is raised, BIS will zoom automatically to the assigned area in the graphical map and animate the detector icon that has sent the alarm.

Result:

BIS not only gives Erlich Protection Systems a state-of-the-art security system, it has also proved to be a useful sales tool for the company.

While at prospective customer locations, Erlich Protection Systems representatives can log in to BIS using their laptops and demonstrate the capabilities of an integrated system - complete with action plans for responding to alarms that indicate security concerns. Employees can also show customers the benefits of an integrated system that operates as a central alarm and management system.

This live demonstration helps to assure customers that the system is tested and its value is proven.

Installed by:

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