

Echo Powers up Security with Bosch Systems



BOSCH

Invented for life

Industry:

Manufacturing

End User:

Echo, Inc.

For 30 years, Echo, Inc. has been a worldwide leader in the development and manufacture of professional-grade hand-held outdoor power equipment. Producing landscaping equipment for both the commercial and residential homeowner markets, Echo prides itself on setting the industry standard with its dedication to new technology, quality products and a strong distribution infrastructure. Echo has enjoyed major success over the past three decades and looks forward to continued achievement for many years to come.

Business Objective:

Echo, Inc. recently expanded its facilities and locations to fulfill the demands of a growing market. Its two locations now cover more than 35 acres with facilities that span a total of 540,000 square feet. The company was in need of a cost-effective, convenient and easy to use solution that would enhance the security of these two, independently-operated facilities. Echo also desired a solution that would integrate access control and intrusion detection capabilities.

Solution:

Echo standardized on the Bosch D9412 G Series Control Panels for intrusion detection at both facilities. The control panels are integrated with a card-based access control system, enabling employees to arm and disarm select areas of the facilities using their company identification badges. With this design, Echo employees only need to interface with one system instead of two. Select authorized individuals, such as the facilities manager, can also change and monitor the status of the G Series Control Panels using easy to read D1255B vacuum fluorescent display keypads.

With eight interior partitions across the two facilities, emergency exits remained armed at all times, while other doors and areas are armed and disarmed as required to fit the day's schedule. The intrusion system is monitored for alarms by LaMarco Systems, Inc., and communications from the control panels are sent to the integrator's UL-listed central station via a wireless mesh network.



Aerial view of the Echo campus in Illinois secured by Bosch intrusion systems

A variety of intrusion detectors, including glassbreak and photoelectric beam devices, provide advanced detection capabilities. Professional Series PIR Detectors installed throughout the facilities also feature Sensor Data Fusion technology - which processes data from up to five different sensors to make intelligent alarm decisions - as well as Tri-Focus Optics to produce sharper images that make it easier for the detectors to distinguish intruders from false alarm sources.

Result:

The integration of the G Series Control Panels with the access control system makes the system very easy to use. It eliminates the need for Echo employees to remember and key in system passcodes to arm or disarm an area within the facility.

"The G Series system is easy to use and reliable - it does what it was designed to do every day. The keypads are easy to read and operate, and the detectors tell the truth about the situation at the facility. LaMarco Systems made minor adjustments after the initial installation, and following that, we have had reliable performance with no false alarms," said Mike Hilt, Senior Facilities Manager, Echo, Inc.

Installed by:



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QR code

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