



Museum case protection

Inovonics has been supplying wireless burglary and intrusion monitoring products to the commercial security industry for more than 20 years. In that time, we have had the privilege of helping protect some of the most prominent buildings in the world. We have been an integral part of the security systems used to protect everything from sensitive United States government buildings to entertainment venues.

Problem:

A large museum in Chicago had a major problem - stand-alone display cases and a one week deadline to have them all secured. The display cases were part of a traveling exhibit so they were not included in the original security plan, which employed a hardwired system for basic intrusion protection. Since the cases were not a permanent exhibit feature, the cost of hardwiring them was too high and the tight deadline left no time for architecture updates to support hardwiring.

Solution:

The museum's security dealer realized that this problem called for a wireless solution and they contacted Inovonics. To secure each case, they simply installed a small vibration sensor on the inside of the glass case and tied it to an Inovonics universal transmitter that was hidden underneath. If the glass case was removed, the vibration sensor would trip the contact closure on the universal transmitter, causing an alarm condition.

At the head-end, an Inovonics add-on receiver was connected to the main security panel as a single zone. If any of the cases were disturbed, the receiver would activate the relay connected to the panel to indicate that one of the cases was compromised. In addition, a single repeater was installed at the halfway point between the cases and the panel to ensure complete coverage.

Before your next security installation, take a few minutes to learn how Inovonics products can help you lower the installation cost, boost profitability, and increase your customer's satisfaction.

Suggested equipment list

EN1210	Single input universal transmitter
EN4216R	16 zone add-on receiver with relay outputs
EN5040-T	High power repeater with transformer