



Dealer Tire



Vertical Market: Corporate, Industrial

Applications: Intrusion Detection, Video Surveillance, Interactive Monitoring and Network Infrastructure

Equipment Manufacturers: Honeywell, OnCam, Cisco



Dealer Tire
 Cleveland, OH
www.dealertire.com



Dealer Tire is one of the largest distributors of tires and light vehicle maintenance products in the U.S., serving more than 10,000 auto dealerships

from 43 distribution centers throughout North America. Due to aging alarm systems and the need to add additional protection to an ever expanding operation, Dealer Tire retains AISG to upgrade security.

Project Summary

Dealer Tire partners with major automobile manufacturers to create complete replacement tire, maintenance and light-repair programs for their car dealerships. The startup Cleveland-based company has had unprecedented growth over the last 20 years under owners, Scott Mueller and Dean Mueller, but is behind the times when it comes to security. Protecting valuable assets requires upgrading systems in every Dealer Tire location.

American Integrated Security Group (AISG) submits plans for a mass installation project that includes swapping out old burglar alarm equipment for a new integrated intrusion detection system at all Dealer Tire sites and adding IP video surveillance in a majority of them. The client agrees to AISG’s proposal and the work gets underway.

System Design

Dealer Tire warehouses are scattered throughout the country. Each of the 43 locations is different and must be evaluated

AISG NY HQ
 College Point, NY 11356

AISG – FL Office
 West Palm Beach, FL 33411

AISG – OH Office
 Cleveland, OH 44109

AISG – CA Office
 Monterey Park, CA 91754

AISG – TX Office
 Tyler, TX 75708

on a per location basis. Some sites are in industrial, business and office parks, for example, with other buildings next to them and the client is worried about break-ins through the neighbors adjoining walls.

To alert of intruders and upgrade detection, every Dealer Tire is being equipped with a Honeywell VISTA intrusion detection system. The VISTA-128 commercial alarm panel integrates burglary, video and access control functions. Many features are available that extend the applications of the VISTA-128 while simplifying end user operation. Honeywell photoelectric beam detectors featuring sophisticated, technology-based development and assessment processes are installed to give total overall coverage.

AISG is taking over the old alarm system and there can be no down time. To assure a site is never without coverage during the switch out, AISG preprograms the panel as much as possible. The panel is mounted on the wall, plugged in and connected to AISG's monitoring station right away before taking over the zones.

With the alarm system completed, AISG begins the cabling of the network and then does the video surveillance portion of the project in the sites getting cameras installed. As a certified Honeywell Commercial Dealer, AISG is able to offer the client the Max Pro high end network video recorder. The system can be integrated in the Vista panel and/or access control in the future which is what the client is leaning towards.

AISG creates the local network with Cisco switches and incorporates

some 10 or more cameras; mixing OnCam 5 megapixel 360 degree units and OnCam fixed IP network cameras as needed. The cameras are being used to verify alarms. The cameras also serve as safety and liability assurance.

Employees at Dealer Tire drive lifts throughout the buildings all day long, shipping tires to dealerships across the country. One special requirement is that because of the height of the lifts, the cameras must be mounted up higher in alleyways and corridors to avoid the lifts knocking into them. High ceilings are tougher to deal with but the OnCam cameras perform seamlessly.

Dealer Tire is happy with everything, and having previously had an alarm system from Honeywell, operators feel the new one is familiar and easy to use. AISG fully trains the Dealer Tire locations on the use of both systems and how to perform specific functions.

AISG is monitoring the alarm system but the client is monitoring the cameras. The client is getting the general views wanted from the video surveillance system and now is considering adding to it. The general view cameras at the loading docks are being expanded to the outside perimeter of the facility. The company has had issues such as theft of license plates off tractor trailers. Vehicles are often parked at loading docks overnight. Tractor trailers sitting in parking lots waiting to be loaded with tires and other merchandise are also vulnerable. In the next phase, cameras are being deployed to focus on these areas.