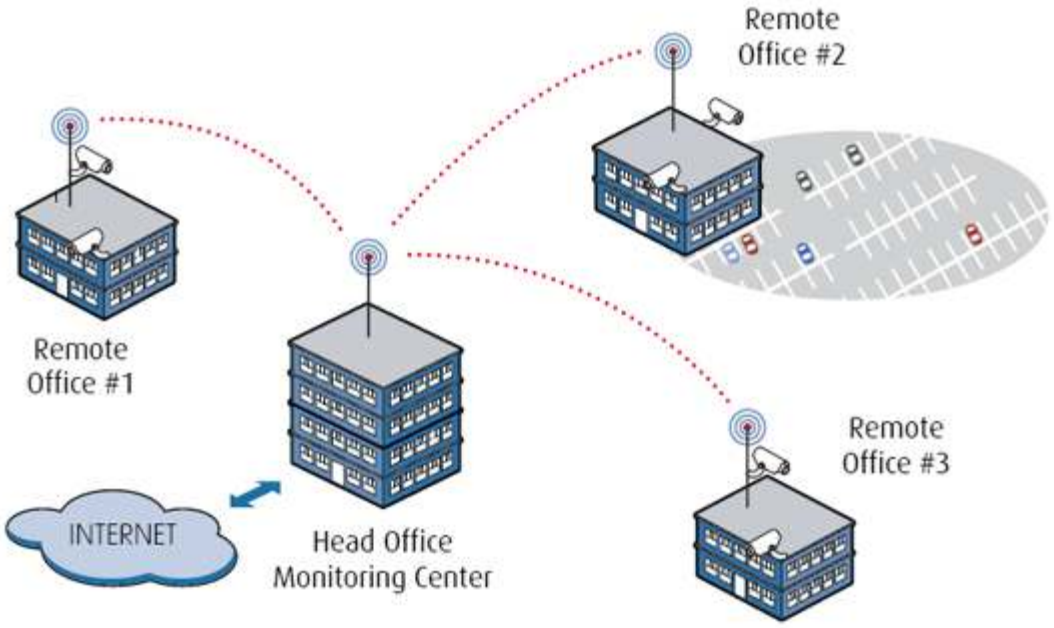
Arion Networks Wireless Video Surveillance Solution

An Outline

Wireless video surveillance solutions allow you to combine the reliability, freedom, and easy setup of new wireless technology with the flexibility, scalability, and cost savings of IP—for dependable video surveillance with exceptional performance.

Solution Highlights

- Can be used in locations where wired infrastructure doesn't exist
- Less expensive than wired solutions
- Can leverage existing IP networks
- Can be used to monitor remote locations
- Can be set up, reconfigured, expanded, or even disassembled quickly when required for special events
- Video images can be transmitted over a secure Internet connection or private IP network at little or no cost
- Scalable – can be expanded at little cost, without having to lay wire or cable



How wireless video surveillance solutions work:

- Cameras capture video images in a format that is suitable for transmission over the IP network
- The images are transmitted to a subscriber unit located near the monitored area
- The subscriber unit wirelessly transmits the images to an access point device
- The access point device relays the images over the Internet or private IP network to a control centre
- Images can be monitored and stored on a server

How surveillance solutions help your organization:

- Makes industrial facilities, property, and personnel more secure
- Wireless technology reduces implementation and maintenance costs. No cost to bury cable or leased line charges.
- Non Line of Sight (NLOS) capability; reduces total base stations required.
- Protects investment in current and legacy equipment by allowing you to use your existing IP network for video surveillance

Who Can Benefit

Business/Organization	Applications	Benefits
Natural Resources	Forest fire lookouts. Wildlife protection.	Allows reliable and early discovery of fires or poaching, and minimizes losses.
Electrical Utilities, Transmission Systems	Power lines, electrical generating stations, substations.	Maximizes security at generating stations, substations, and along power lines. Can be used to complement existing electrical SCADA systems with visual diagnosis of alarms.
Mass Public Transportation Organizations	Airports, bus stations, train stations, passenger ferries, vehicles (buses, trains).	Deters crime, reduces vandalism (and associated repair costs), and increases passenger safety.
Roads, highways, and other transportation infrastructure	Freeways, intersections, dams, bridges, highways and tunnels.	Allows new construction proposals to be based on hard data. Increased public safety in extreme weather, natural disasters, or terrorist activity.
Municipal Government	Traffic intersections, city parks, municipal buildings, recreational facilities, public libraries.	Prevents personal and property crime, maximizes public security.
Law Enforcement Agencies	Police	Reduces crime and violence in troubled areas. Achieves quicker responses with real time wireless lookup and exchange of criminal records, warrants, and license plates.
Enterprises—Security Departments; IT Departments	Building access points, warehouses, loading docks, and employee parking lots.	Increases employee and public safety. Guards against unauthorized access. Reduces vandalism, theft and other criminal activity.
Banking/Financial Institutions	Bank offices, branches, and ATM locations.	Reduces vandalism, theft, and other criminal activity; increases employee and public safety.
Shopping Centres	Mall entrances, washrooms, and parking lots.	Maximizes customer and mall employee security. Reduces vandalism, theft, and other criminal activity; during and outside operating hours.
Schools, colleges, universities	University laboratories, computer rooms, corridors, outdoor walkways and playgrounds.	Protects students from intruders, criminal or terrorist activity. Protects against vandalism and theft of expensive property.
Natural Disaster Management Agencies	Department of Water Management, Federal Emergency Management Agency (FEMA).	Protects people and properties from natural disasters (eg. Flooding), enabling quicker response to unexpected emergencies. Disaster mitigation, preparedness.