antaira®

BUILDING REMOTE MONITORING

INDUSTRY:SECURITY
LOCATION:MIDWEST, USA

BACKGROUND

Communities have reclassified old landfill locations for commercial use. Reclaimed parcels of land tend to be classified for commercial use given their large acreage. These sites are targets for strip-mall developments, some sites are used to dispose of materials from building demolitions, while others are used to accumulate household garbage. The issue stems from the outgassing of decomposing materials in the form of methane - an odorless gas.

THE CHALLENGE

Existing real estate owners face the challenges of surveillance monitoring and network monitoring of their property in an economically feasible way. In the case of irregularly shaped existing strip malls, hard wiring multiple sensor stations may be cost-prohibitive. The problem is compounded by multiple buildings of various designs (size, height, etc.).

THE SOLUTION

Antaira provides solutions by offering the ARS-7235-AC-T, from our wireless family of products. When the development layout is large or complex, monitoring key locations can be problematic. Multiple sensing stations can be interconnected using this wireless product. This industrial wireless product allows for less expensive "satellite" stations to be deployed. Collectively, they are monitored by one central point that houses the controls, alarms, and data collection. Two of the industrial wireless devices are utilized to connect remote stations to one central hub. In addition, the antennas that come with

the unit can be replaced with remote antennas that can be located on the exterior of the buildings. This allows for improved reception in situations where "line of sight" is a problem.

ANTAIRA'S PRODUCT SOLUTION

ARS-7235-AC-T

Industrial Dual Radio IEEE 802.11a/b/g/n/ac Wireless Access Point/Client/Bridge/Repeater/Router

- Supports IEEE 802.11a/b/g/n/ac
- Supports 2*10/100/1000Base-TX WAN/LAN Ports
- Power Input: 9~48VDC in 6-Pin Terminal Block
- IP30 Protection
- Offers Extended Temp. Range: -35°C to 70°C