

USE CASE THERMAL IMAGING AND PRESENCE DETECTION

Safe Utilities

Operational View



DETECT

PRESENCE DETECTED AT REMOTE SUBSTATION

Thermal cameras with built-in analytics detect the presence of an individual or vehicle at a remote substation. Using private wireless communications, the alert is transferred to the security operations center and an alert is automatically sent to appropriate staff on the device of their choice.



ANALYZE

SITUATIONAL AWARENESS GATHERED

In the security operations center, nearby cameras are automatically populated and the closest response resources are determined using GPS location data.



COMMUNICATE

RESOURCES DISPATCHED

Appropriate individuals are dispatched to the area to address the situation with an image of the intruder, live updates, and other multimedia intelligence.



RESPOND

SITUATION RESOLVED

Security communicates with the intruder using the camera speaker while waiting for responders to arrive. The intruder is removed, the area secured, and an incident is logged with pre-populated fields.

Technology View



DETECT

- Avigilon Video Security Cameras
- Thermal imaging detection
- Private LTE
- Orchestrate
- Avigilon Control Center



ANALYZE

- Avigilon Control Center
- CommandCentral Aware Enterprise



COMMUNICATE

- Radio Communications: Voice & Multimedia
- WAVE PTX: Multimedia Sharing & Broadband Push-to-Talk
- Avtec Dispatch Console



RESPOND

- Avigilon IP Horn Speaker
- Perimeter Protection Talk down
- Ally Incident Management



*Camera footage is for illustrative purposes only

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