

# USE CASE DISASTER RECOVERY

Safe Utilities



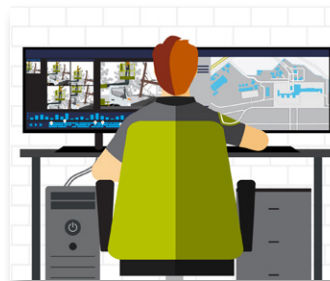
## Operational View



### DETECT

#### OUTAGE ASSESSED FOR DAMAGE

Live feed of UAV flying over a wildfire-devastated geographic area to detect issues causing power outage is shared with assessment experts over the Private LTE/900Mhz BB network. Outage detection sensor data monitoring power voltages sent to control room.



### ANALYZE

#### SAFE, FAST RESTORATION PLANS

Wildfires near power lines are detected spreading quickly on the vegetation cover. GPS locations are identified of area requiring repair. Alerts sent to cut power immediately before ground fires start.



### COMMUNICATE

#### RESOURCES DISPATCHED

Nearby crews with proper equipment are dispatched immediately to repair the site. Fire and EMS are directly notified of the situation and arrive on scene to block off the area and keep the public safe.



### RESPOND

#### INCIDENT MANAGED AND REPORTED

Control room monitors the situation via video and an incident report is logged with relevant data. Estimated return to power times are updated in the customer facing systems.

## Technology View



### DETECT

- Avigilon Video Security Cameras
- Aerial Suite Drone Operations Platform
- Avigilon Control Center
- Private LTE/900 Mhz Broadband



### ANALYZE

- CommandCentral Aware Enterprise
- Integrated GPS



### COMMUNICATE

- CommandCentral Aware Enterprise
- WAVE PTX: Broadband Push-to-Talk and Multimedia Sharing
- Radio Communications: Voice & Multimedia
- Avtec Dispatch Software
- Purpose Built BB Devices



### RESPOND

- Ally Incident Management
- CommandCentral Aware Enterprise
- Critical Connect



\*Camera footage is for illustrative purposes only

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