USE CASE
DISASTER RECOVERY
Safe Utilities

Operational View

DETECT

OUTAGE ASSESSED FOR DAMAGE
Live feed of UAV flying over a 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 center.

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 of the area and keep the public safe.

RESPOND

INCIDENT MANAGED AND REPORTED
Central operations 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

ANALYZE

- CommandCentral Aware Enterprise
- Integrated GPS

COMMUNICATE

- CommandCentral Aware Enterprise
- WAVE PTX: Broadband Push-to-Talk and Multimedia Sharing
- Radio Communications: Voice & Multimedia
- Dispatch Software
- Private LTE/900 Mhz Broadband
- Purpose Built BB Devices

RESPOND

- Ally Incident Management
- CommandCentral Aware Enterprise
- Critical Connect

MOTOROLA SOLUTIONS

*Camera footage is for illustrative purposes only