

# A+OMATION

## Connecting Utility Poles to the IoT

### Instantly Identify Damaged Poles

- Instantly know number of poles down, tilted or impacted by weather or other external events and if the lines above the poles are energized

### Send Crews Prepared

- Identify equipment and personnel needed for repairs without requiring a physical inspection of the pole prior to arrival

### Effectively Dispatch

- Immediately dispatch crews to the direct location of the outage

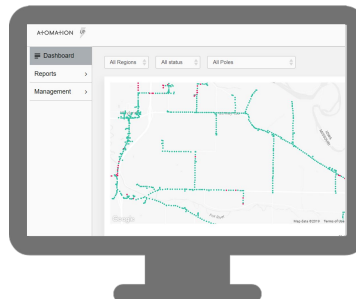
## Utility Solution

### AT-U1.0C Atom



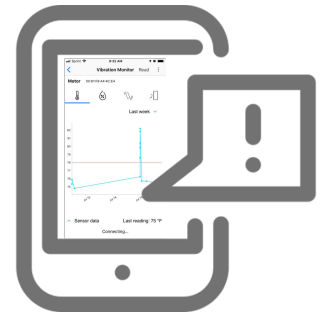
Easily Installed  
Anywhere on the Pole

### Online Dashboards



Access Actionable  
Information Anywhere

### Real Time Alerts



Immediately Identify  
Damaged Poles

# AT-U1.0c

Sensors	
<b>Accelerometer</b>	
Features	Vibration (SD, G) Tilt (°) Impact (G) Angle Self Calibration Custom Thresholds (Pole tilt/down)
Type	3-axis XYZ
Range	Up to 8G
<b>Temperature</b>	
Features	Temperature (°F, °C) High Temp Threshold (Fire) Low Temp Threshold
Range	-40 to +85 °C -40 to +185 °F
Accuracy	+/-0.4 °C +/- .72 °F
<b>EMF</b>	
Features	Voltage Reading Presence/Absence Custom Thresholds
Measurement	mV

Physical	
<b>Enclosure</b>	
Material	NEMA Outdoor Weatherproof, Flame Retardant Polycarbonate
Dimensions	5.78 x 3.42 x 2.17in 147 x 87 x 55mm
Weight	0.80lb / 0.36kg
<b>Battery</b>	
Type	D Size Spiral Cell Lithium Thionyl Chloride
Voltage	3.7V
<b>Installation</b>	
Type	Screw-mounted
Location	Top & bottom flanges
<b>Storage &amp; Communication</b>	
<b>Storage</b>	
Flash Memory	2 MB on board
Memory Interface	SPI
<b>Communication</b>	
Type	Cellular - LTE CAT-M1
Type	Bluetooth - BLE 5 Low Energy
Frequency	2.4GHz