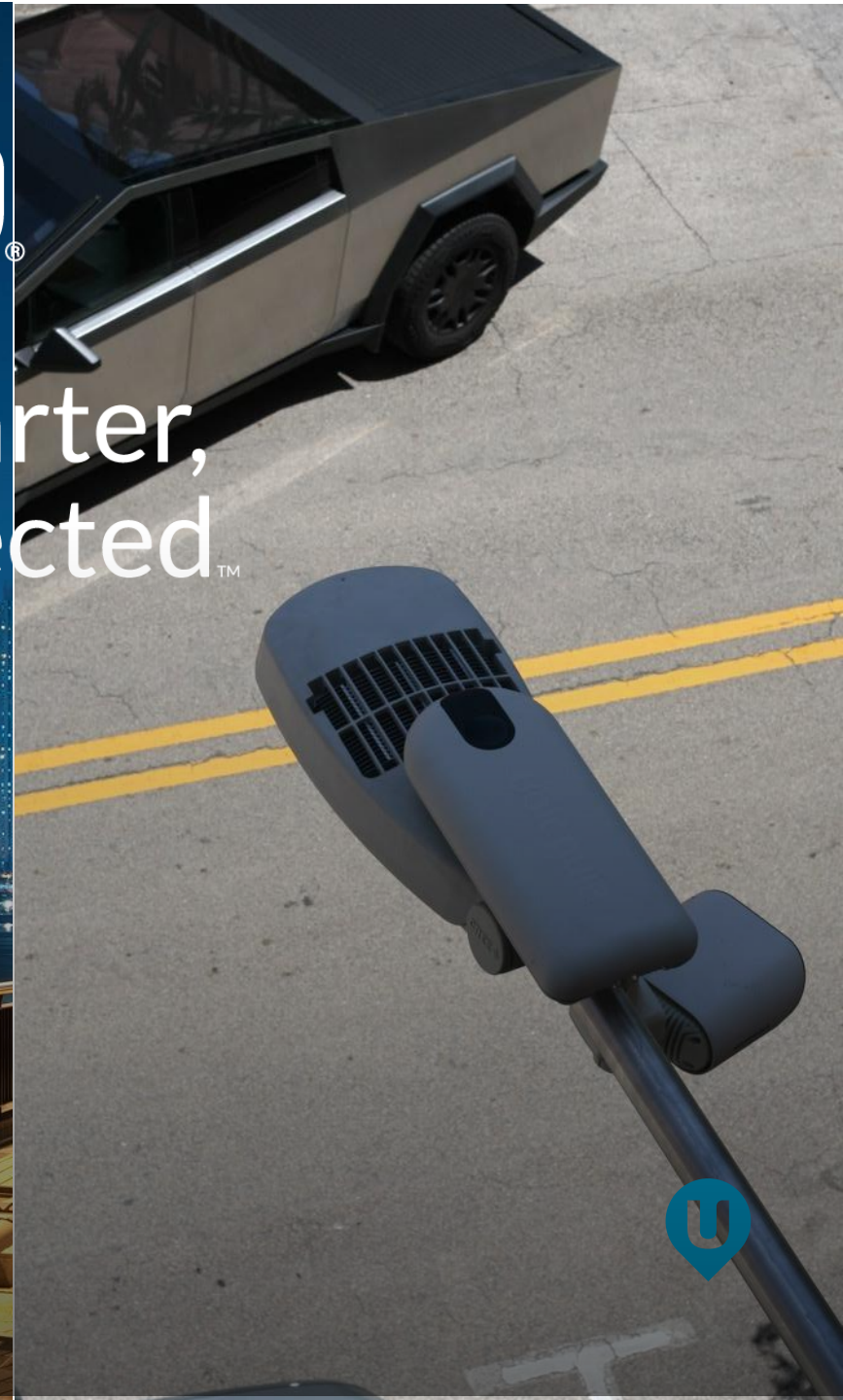




Overview

ubicquia[®]

making the world smarter,
safer and more connected[™]



There are 450M streetlights,
500M distribution transformers,
and 1B utility poles worldwide.

We make them intelligent.



Ubicquia's Platform

Improve Grid Resiliency, Increase Energy Efficiency and Enhance Public Safety



Sensors

Transformer Monitoring
Streetlight Control
Video Analytics

103 Patents

Major EMS Partners



Analytics

Power Quality
Predictive Failures
Intelligent Dispatch

2.8 Billion Datasets/Day

AI in Real-Time



Connectivity

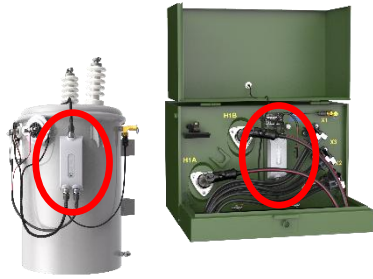
Self Provisioning
24/7 Monitoring
Public or Private LTE

US, CA, Latin America

Global Deployments

Ubicquia Platforms

Delivering “Analytics that Matter” across Critical Infrastructure



Smart Grid

50+ Utilities and Growing

Enhance Grid Resiliency

PQ for Critical Loads

Reduce Truck Rolls

Prolec GE OEM



Smart Lighting

900+ Cities & Utilities

20%-40% Savings over LED

50% Savings in Truck Rolls

Real-Time Storm Reports

Acuity OEM



Public Safety

50+ Cities and Utilities

75% Camera Install Savings

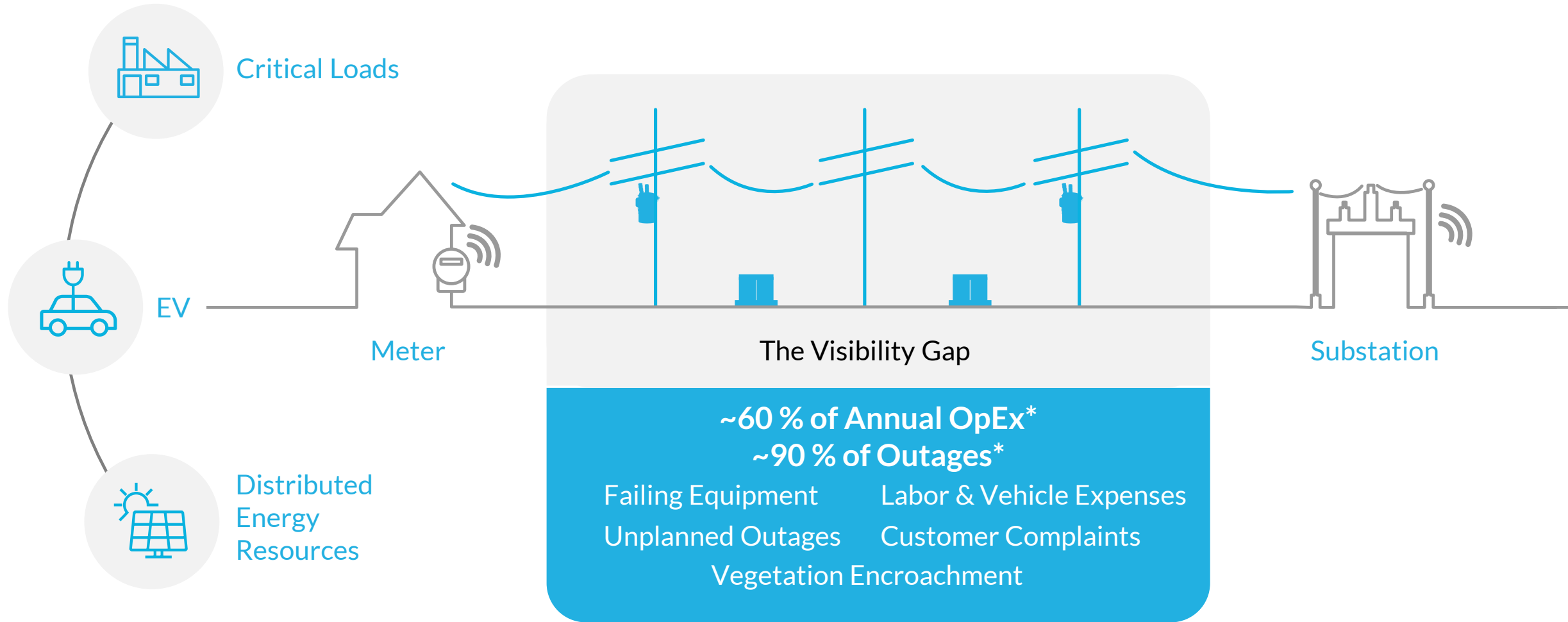
25% Major Crime Reduction

Data Integrated with RTCC

Motorola OEM

Ubicquia's Smart Grid Mission

Improving the Visibility Gap In The Grid's 'Last Mile'



* Industry Averages

Ubicquia Monitoring Value

Driving Equipment Uptime, Reliability & Customer Satisfaction

1. Real-Time Power Quality & Health Monitoring

- Streetlights, Transformers, Poles

2. Real-Time Video Analytics

- Substations, Critical Sites, Theft-prone areas

3. Work Order Integration with Actionable Insights

- Work Dispatch, Digital Inspection & 24/7 NOC Support



UbiVu Advanced Analytics

Pluggable Analytics™ continue to improve with data and features over time

1

Predicted Tfr. Failure

Accurate prediction of precursor to fail conditions exist on a transformer

Typical 3-5 weeks notification

2

Remaining Useful Life

Provides forecast life remaining based on in-service dates and observed operational characteristics

Optimize Asset Management & Prolong useful life

Q3 2025
Release

3

Vegetation Encroachment

Incorporates climate weather and waveform analytics to detect phase to ground events caused by vegetation

Optimize veg. trim cycle and improved reliability

4

Failed Hermetic Seal

Alerts based on a health indication consistent with a leaking transformer

Prevent environment damages and repeat truck rolls

5

DER Visibility

Provides locations of distributed generation on the grid

Prepare for energy transition with precise grid protection and planning

6

Storm Monitoring

Real-time storm damage assessment and restoration acceleration

Shortened restoration events

Over 1 Trillion data points feed UbiVu's Advanced Analytics and Machine Learning models each year

Deploying Grid Monitoring as a Service

Protect impactful customers and increase revenue



End Customer Problems

- Lost revenue
- Business disruption
- Service dissatisfaction
- Premature equipment failures
- High utility bills
- Unbalanced phases



Utility Problems

- Increased O&M
- Lost revenue
- Power Theft
- Unnecessary truck rolls
- Expensive PQ metering equipment
- Time consuming PQ data analysis
- Customer-side issue resolution
- Negative customer satisfaction
- Premature equipment replacement



Stacked Benefits

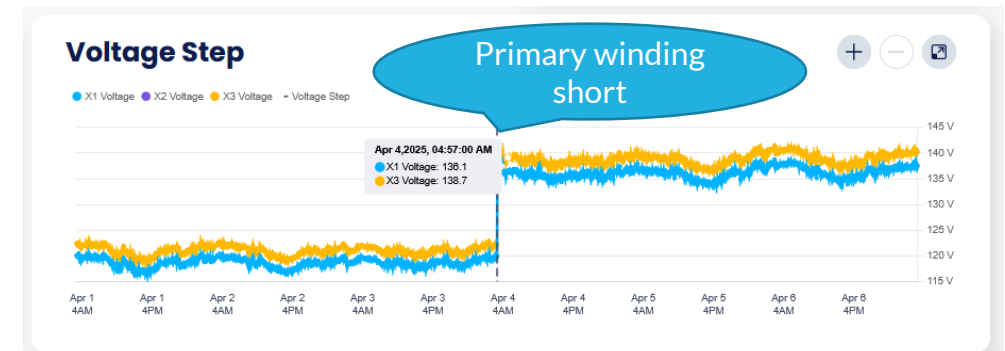
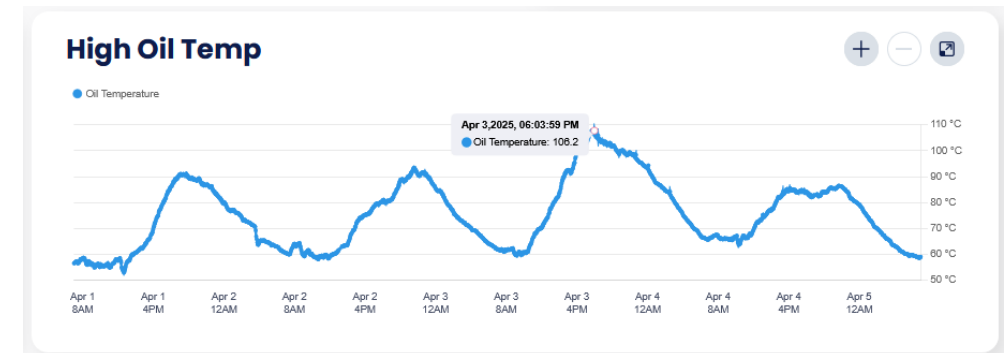
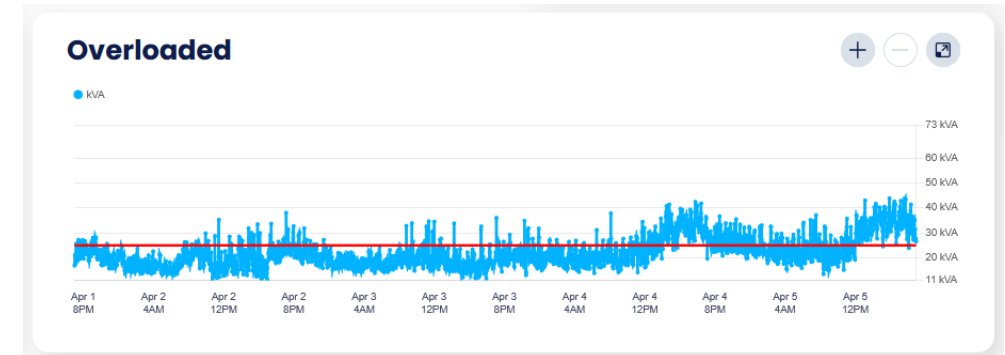
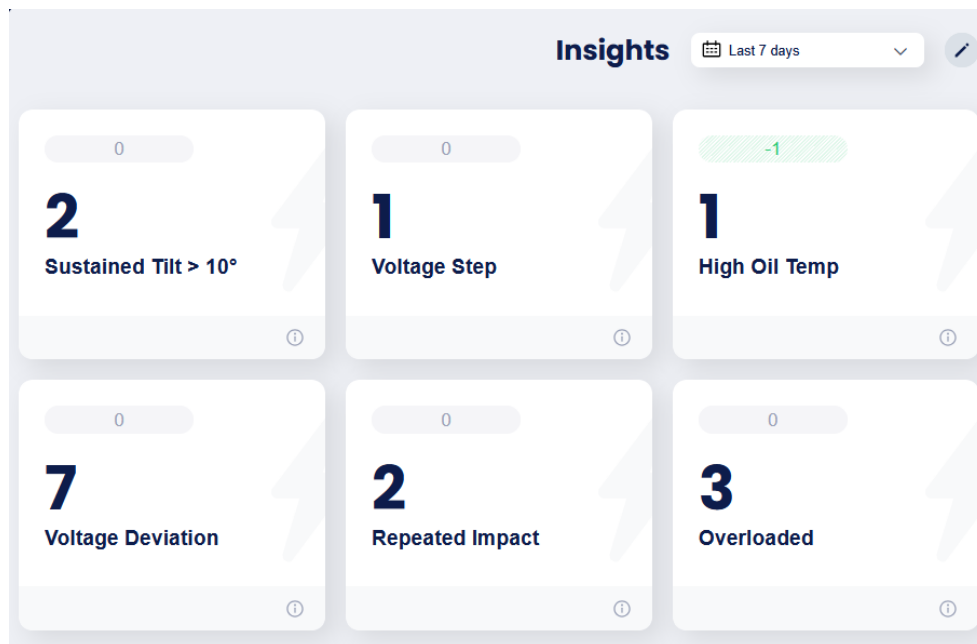
- Improve Veg Management
- Improve Reliability
- Improve Customer Experience
- Avoided O&M
- Avoided Capex
- Extend asset life
- Fewer complaints
- Accelerated issue resolution
- Avoided PQ equipment



Prediction of Transformer Malfunction

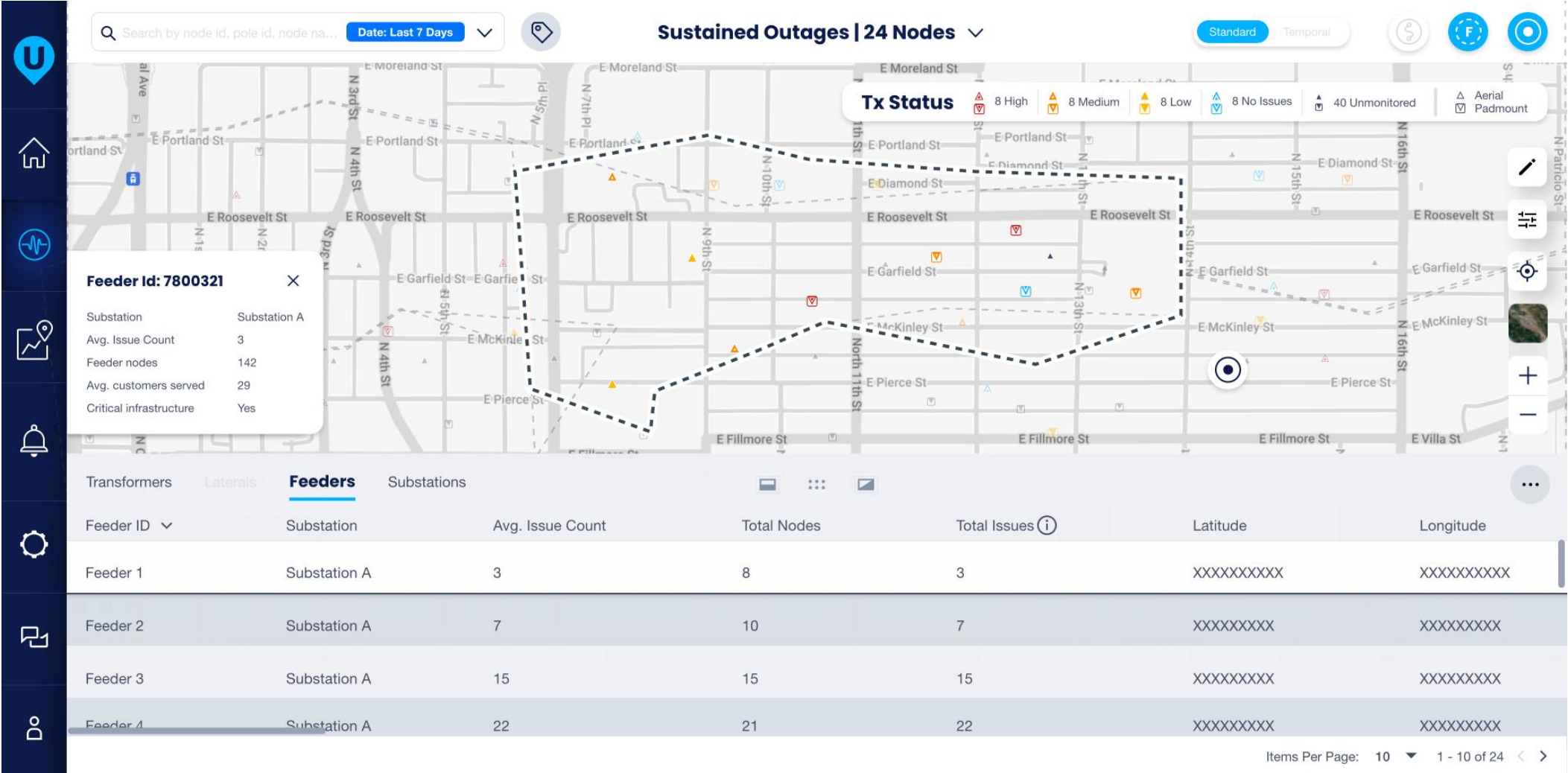
Pre-cursors of maintenance and failure events

- Digital monitoring of transformers for signatures of upcoming failure with **MTF of several weeks**
 - Current monitoring to detect overloading
 - Voltage monitoring to detect electrical faults
 - Oil temperature to detect inefficient heat dissipation
 - Oil pressure to detect pressure build-up
 - Accelerometer data to detect tilt and impact



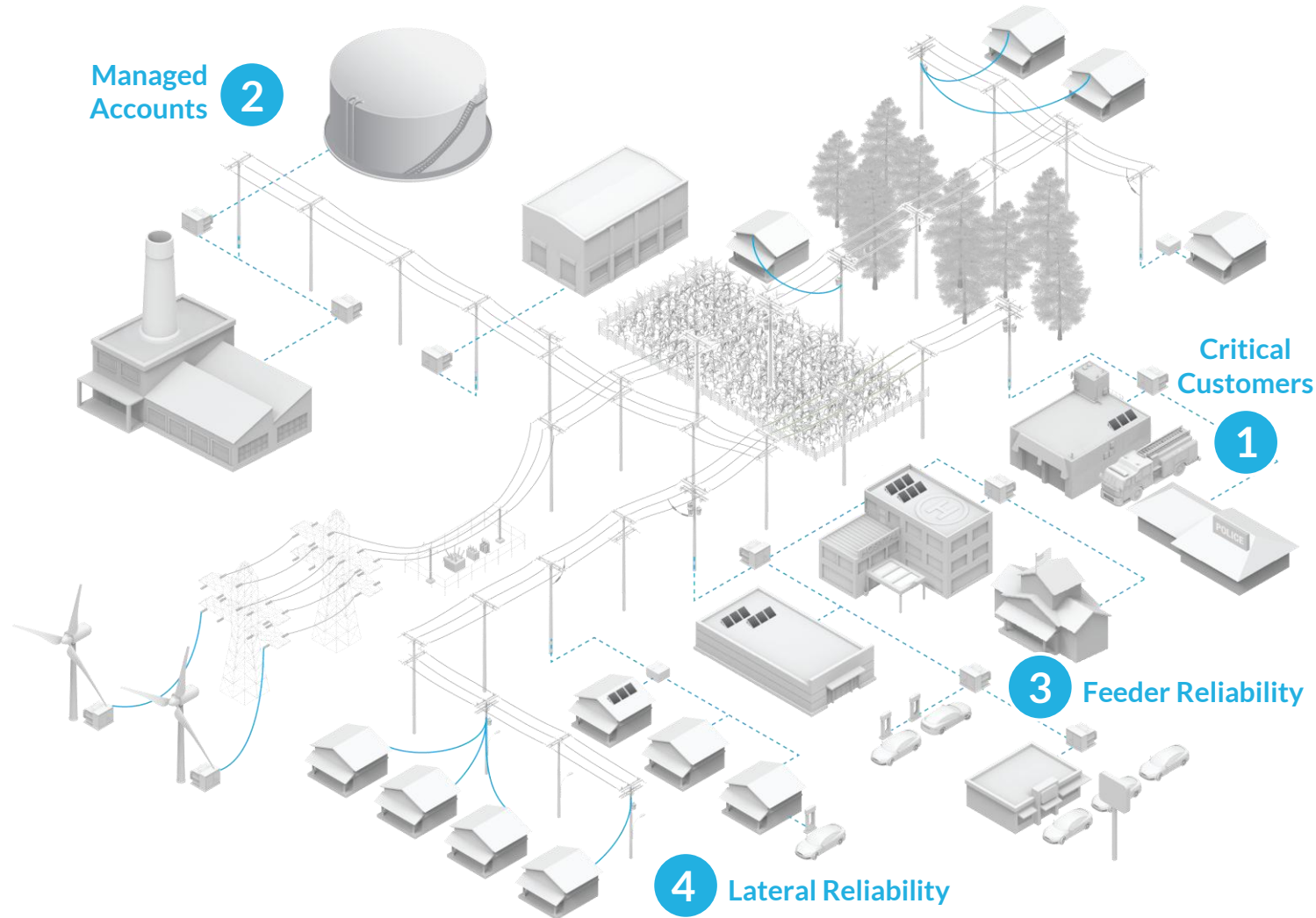
Grid PQ & Reliability Actionable Insights

Predictive analytics for improved reliability, operations cost and capital deployment



Utility Grid Actionable Insights Roadmap

Blueprints help us plan for a phased implementation



Implementation Blueprints:

1. Critical Customers

Customers critical to national security, CIFs, or important to monitor 24/7

2. Managed Accounts

Large loads, directly managed, and/or national / key accounts

3. Feeder Reliability

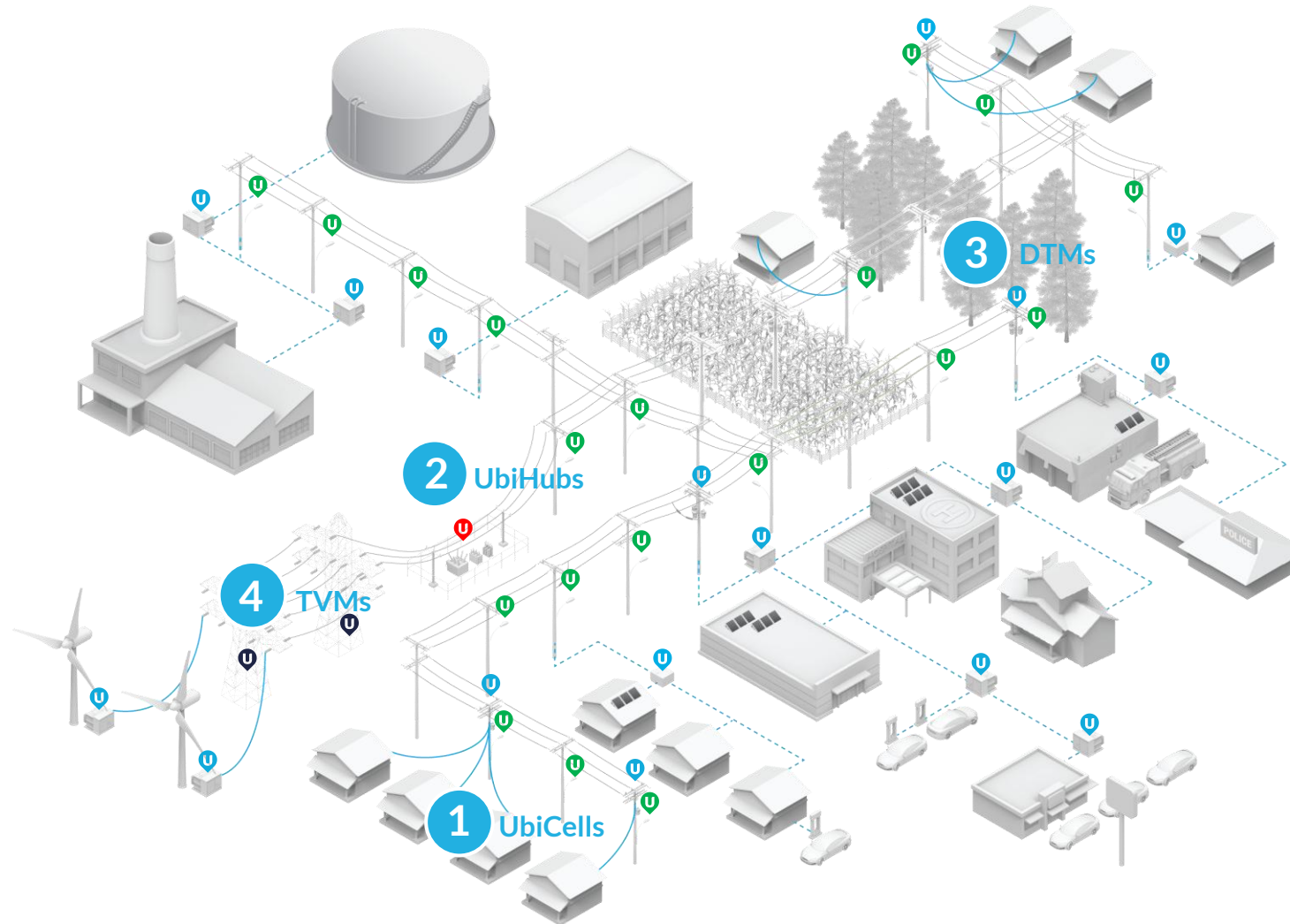
Reduce feeder frequency and wide-spread reliability impacts

4. Lateral Reliability

Mitigate costs and drive down system outage durations; protect against power theft

Utility Grid Deployment Planning

Value-driven implementations across the grid



Intelligent Infrastructure:

- 1. UbiCell** 
Optimize streetlight control & maintenance, kWh
- 2. UbiHub** 
Security, risk and fault detection for your distribution substations
- 3. Distribution Transformer Monitor** 
Premium monitoring services for critical customers and grid-scale reliability
- 4. Tilt & Vibration Monitor** 
Optimize streetlight control & maintenance, Reduce power consumption

Innovation Driving Savings, Security and Reliability

Deployment across the city roadways, power grid and critical infrastructure

For every \$1 invested per electric customer, we return \$2-3 in benefits

Investment:

\$1

Benefits:

\$2-3

Return:

2-3X

Company Background

Utility and Critical Infrastructure Foundation

225 People and Growing...

- Based in Fort Lauderdale Florida and offices in Montreal and Dallas (Q4 2024)
- 150-person Product Development and engineering team from Motorola. Cisco & GE
- Deployed in 900+ Cities and Utilities and adding ONE NEW city/utility per day

Marquee Customers and Partners

- **Cities:** Los Angeles, San Diego, San Jose, Philadelphia, Dallas, Memphis, Miami, Orlando
- **Utilities:** Florida Power and Light, Duke, Southern Co., National Grid, Oncor, PGE
- **Partners:** Motorola, Flock, Genetec, Prolec GE, Acuity, Ericsson

Marquee Investors

- **Hamilton Lane:** Largest Global ESG and Impact Fund with \$750 billion AUM
- **Clear Sky:** Power & Tech Fund with Largest US Utilities as Limited Partners
- **NextEra:** Largest US Utility



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