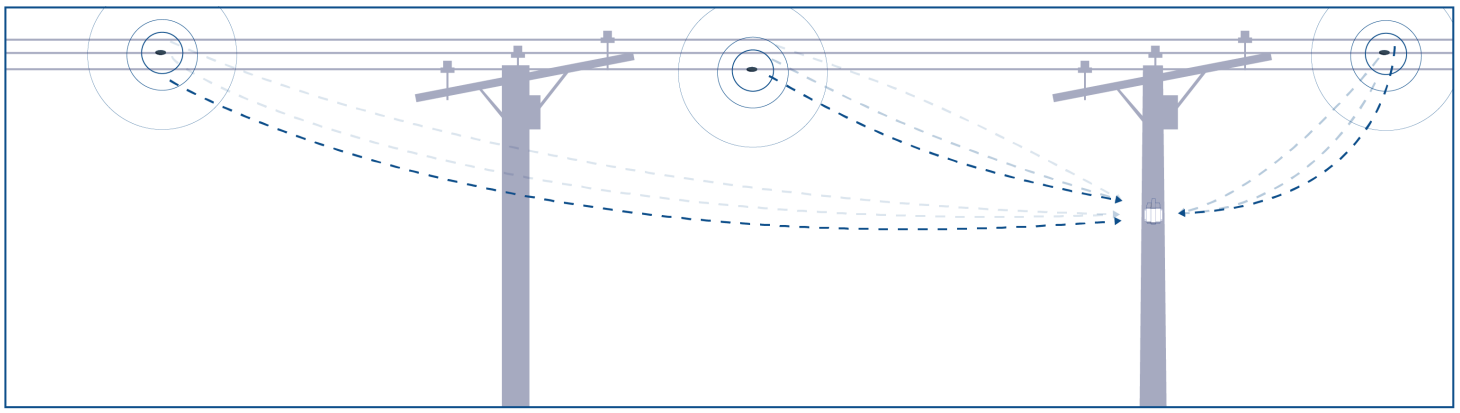
info@recondynamics.com
www.reconpowerline.com



KNOW ABOUT FAILURES BEFORE LINES HIT THE GROUND

Electric utilities face significant challenges limiting ignitions in an increasingly fire prone environment.

Changing climate conditions isn't easy or immediate. Knowing exactly how utility infrastructure is performing under evolving climate conditions is possible - now.

Recon's non-invasive line-by-line and pole-to-pole monitoring system uses movement as a guide to predict and prevent electric asset induced failures and more effectively direct resources to limit damages.

LET RECON BE YOUR EYES AND EARS

Emerging electric utility focused wildfire technologies track externalities like weather or direct line maintenance needs through static moment-in-time aerial inspections.

Recon's real-time monitoring platform uses movement and a suite of validating factors to provide critical insight into line-level issues that may or may not be outwardly visible – before and after ignition. Utility operators are afforded an unprecedented opportunity to responsibly act before tragedy strikes due to our location specific real-time alerts.

Over time, our ability to track system anomalies on a line-by-line basis will help utilities prioritize maintenance and drive a more strategic approach to tackling the rapidly expanding vegetation management burden.

WE KEEP IT SIMPLE

Recon's vertically integrated solution places a premium on speed, connectivity, resilience and redundancy. Unlike competitors, our platform goes beyond hardware. It includes installation by IBEW certified technicians, communications, data science, and maintenance as well as the ability to iterate, evolve and upgrade.

KEY MARKET DISTRIBUTIONS

DATA QUALITY

Recon gathers data at a line-by-line and pole-to-pole level with a tag approximately every 175 feet for distribution and 900 feet for transmission, allowing for real-time identification of issues and anomalies.

We understand electric utilities are working with a lot of data and it's not helpful unless it can be analyzed in context. Recon has a robust set of APIs that can provide your data how you want it.

FUNCTIONALITY

Recon pinpoints events based on a variety of factors linked to power line health and movement – before and after ignitions occur.

Competing technologies are inferring events based on electric signature data, which means algorithms are used to estimate values vs. capturing and measuring actual data. This is important because there is a risk the calculations and assumptions used to generate insights are wrong and thus the associated result is incorrect.

CONNECTIVITY

Recon has an exclusive long-term partnership with Globalstar, a leading satellite provider, for backhaul. This means we are not dependent upon cellular networks – which are limited to non-existent in many high fire risk areas – for connectivity.

SYSTEM INTEGRITY

Recon has built a resilient and redundant system to ensure the critical insights streaming from it are not disrupted for any reason.

1. Competing line monitoring solutions tend to be powered by the lines themselves. When the power goes out, the information flowing from the electric signature is lost, and system insights vanish.

2. The Recon system is powered by solar and battery. If a Recon solar panel is damaged, the system can continue to work for two weeks on battery power alone, and no information is lost.

3. The close proximity of Recon tags means if one is compromised the data from adjacent tags in the same pole-to-pole segment can communicate the message along to system operators without delay.

4. Competing solutions are relaying their information from sensor to sensor to compensate for lack of connectivity in areas with no cellular coverage. Recon's tags can communicate directly to the receiver, eliminating the risk of slowdown or disruption that could result from communicating through each other. If for some reason the receiver does not respond, the system will send information along to the next receiver.

COST

The Recon Platform provides an unmatched view of the health of electric assets line by line and pole to pole. We are committed to making our product available at a fraction of the cost of competing monitoring technologies.