

Your partner in safe, reliable, affordable power.

At Firmatek, we understand what it takes to enable faster, more confident decision making in the electric utilities industry. Our approach to aerial data capture combined with real-time data processing empowers everyone from linemen to executive leadership to make in-the-moment decisions that improve reliability and drive down costs. We start each partnership by listening, then we apply our deep industry expertise to bring forward a tailored solution to improve data integrity and expedite problem solving.

About Firmatek

Firmatek's ability to gather a high quantity of quality data at a national level enables our partners to proactively manage their businesses from anywhere. Through our Kespry software, data analysis is available faster, made accessible to more people within the organization, and intuitively presented to ensure actionability. We remove the guesswork and create certainty when it comes to making important decisions that protect your bottom line.

Why we're different

Flexibility

Positively impacting the metrics that move your business forward is what matters. That's why we tailor our solutions to your organization's specific needs. From collecting to processing to analyzing data, we're flexible in how we partner with you to optimize your workflow.

Accountability

The goal of collecting data is to identify actions to protect or improve your business. That means data must be analyzed and presented in an intuitive way so there's a clear picture of how to move forward. We believe simpler is better, reducing the complexity of decision making.

Reciprocity

Trust is built from strong relationships, which is why we start by listening and understanding how we can support you through a mix of expert services and cutting-edge technology. We continue to learn through valuable feedback, refining our offerings to improve your business.

Custom Solutions

Comprehensive Visual Inspection

UAV-mounted, high-resolution cameras can be used to capture still photos, thermal imagery, and videos to spot defects, anomalies, and change detection in structures, electrical components, and conductors.

Vegetation Inspection

Our high-resolution cameras clearly identify potential vegetation encroachment as well as the closest structure, providing utility arborists with the insights they need to prioritize and execute vegetation management.

Infrastructure Audit

Use aerial imaging to audit joint pole use, units, conductor sizing, phasing, pole height or other infrastructure elements. Firmatek will provide the data you need to ensure regulatory compliance and validate and maintain accurate records.

T&D Infrastructure Classification

Mobile and UAV-based LiDAR are used to capture 3D points clouds to assess infrastructure for transmission, distribution, and joint pole use applications.