

AUTOMATED ASSET MANAGEMENT

Power Pole Inspection

Electric utilities manage approximately 180 million power poles in the United States. The reliability of our power supply depends on the quality and frequency of inspections. Traditionally, a utility would send an army of inspectors into the field. A new approach is to use the power of remotely sensed data and artificial intelligence to determine the condition and prioritize the maintenance activities.

Broken Cross Member

Flashed Insulator

Woodpecker Damage

Pole Lean

Vegetation Encroachment

1

Juniper Unmanned uses drones, equipped with powerful sensors to look at the power poles from many angles, including perspectives that are inaccessible using other inspection techniques. A hundred poles can be inspected by a crew each day, multiplying the efficiency of traditional methods

2

The data is then analyzed with the power of artificial intelligence and displayed on a secure cloud-based platform. Juniper Unmanned takes care of the data management, the analytic tools, and the integration with your existing systems for one low subscription price.



Call 720-440-9960 for a free consultation.