POLE MANAGER

POLE MODELING TO SUPPORT JOINT USE, **CLEARANCE, AND INTEGRITY ANALYSIS**

Pole















Telecom Providers

GEOSPATIAL

INSITE's Pole Manager rapidly analyzes remote pole inspections and creates digital twins at scale.

Pole manager's cloud-based inspections enable contractors and joint use departments to share the current state of the network, allowing for better routing and make-ready cost expectations and increasing the speed of deployment.

5G network launches have increased demand for joint use attachments faster than joint use departments can increase staff, and contractors with limited knowledge of the network struggle to fill the gap. This results in massive backlogs of inspections for joint use and the discovery of expensive make-ready work. Attachers reroute and inspect more poles, causing further delay. Joint use professionals need a new approach and tool to keep up with unprecedented demand.

To create digital twins, pole manager generates measurements from your lidar point cloud and automates the tedious task of creating pole load models one-byone, outputting hundreds of poles in minutes.

Pole manager combines models with integrated views of lidar and spherical imagery so inspectors and engineers can perform their work safely and more efficiently from their desks. Pole manager also provides rapid compliance reporting by flagging NESC violations, attachment space availability, and load capacity issues.

Feasibility Study

Identify areas for safe attachments or to flag unpermitted attachments and collect fees on bootleg attachments.







NESC Clearances Identify clearance violations between attachment points on the pole and midspan distances to ensure code compliance by attachers and reduce risk.



Pole Load Models Create pole models for SPIDAcalc and Osmose's O-Calc Pro. Reducing the amount of field time needed to collect measurements.



INSITE POLE MANAGER

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