



COMMUNICATIONS ASSET INSPECTIONS

PLP provides safe and reliable drone inspection and inventory services for increasingly essential broadband infrastructure assets. Utilizing PLP's decades of industry experience, our Inspection Services solution provides the expertise and knowledge needed to capture, catalog, analyze, and assess the condition of communications assets, including but not limited to strand, poles, splice closures, amplifiers, and splitters.

A COMPREHENSIVE SOLUTION

- Asset Inspection
- Asset Inventory
- High-Resolution Visual and IR Data
- Geo-Referenced Image Files
- Assessments by Subject Matter Experts

Additional Services:

- Fiber Make-Ready

DELIVERABLES

- Interactive GIS-Mapped Results
- Comprehensive Asset Inventory
- Tables and Graphs Summarizing Results
- Archived Images
- Executive Summary Report (Optional)



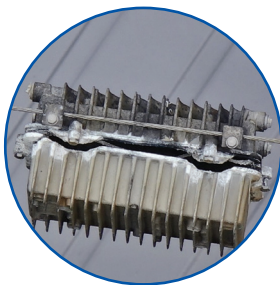
ASSET INSPECTION & INVENTORY

Utilizing advanced drone technology, sensors, and artificial intelligence, PLP offers an unmatched comprehensive solution for inspecting outside plant networks. Since 2017, PLP Inspection Services has performed hundreds of asset inspections for major utilities in the U.S. and abroad, helping to mitigate potential risk, detect reliability concerns, and accurately inventory pole line assets.

- High-resolution images
- Infrared scans for equipment failures
- Flagged safety issues
- Vegetation encroachment and overgrowth analysis
- Custom projects for specific equipment concerns



Equipment Inspected



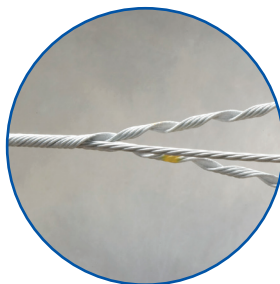
Amplifiers



Strand & Structure



Splice Closures



Strand Splices



Dead-Ends



Splitters

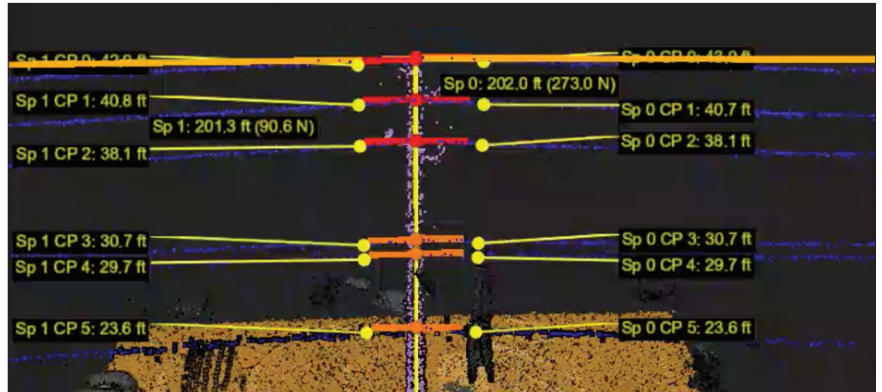
ADDITIONAL SERVICES

FIBER MAKE-READY

Many service providers are planning to add fiber attachments to the network of existing poles. They must assess and prepare the existing attachments to decide if the pole is equipped to receive more attachments. PLP has two applicable methods to survey clients' poles to report on how much make-ready work will be necessary for the additional installations.

LiDAR Method

- Centimeter accuracy
- Pole length
- Attachment heights
- Equipment spacing
- Span length and sag
- Vegetation encroachment
- RoW Violations



Visual Method

- Strand identification
- Equipment identification
- Pole condition
- Vegetation encroachment
- RoW violations



