



Case Study: Pole Attachment Audit & Billing Reconciliation

CUSTOMER

LARGE ELECTRIC DISTRIBUTION UTILITY

PROJECT

JOINT USE BILLABLE ASSET DETERMINATION

ISSUES, CHALLENGES & GOALS

Utilities have a very difficult time tracking and verifying the cable and telecom attachments on joint-use poles, and things are changing almost constantly in the field. They could not determine if their inventory of billable attachment assets on utility-owned poles was accurate, potentially leaving a substantial amount of unbilled revenue on the table annually. A manual “boots on the ground” approach is painstaking, expensive and takes a very long time.

SOLUTION DESCRIPTION

- Drive and capture 360° imagery and LiDAR along overhead distribution to collect data on all poles and assets
- Perform data analytics to extract poles and both power and comm space assets and their attributes
- Reconcile the actual attachment data with the GIS and ERP system records to determine the number and type of unbilled attachments

IMPACT & BENEFITS

Identified on average 1.5 new billable assets per pole, resulting in an estimated \$50M in new unbilled revenue over 10 years.