

Joint Use Survey & Clearance Audit Services

As legislative and regulatory developments regarding pole attachments continue to make headlines, the need for pole owners and third party attachers to obtain accurate joint use data becomes greater. Osmose has developed its joint use survey and clearance audit solutions to address objectives such as:

- Managing compliance and liability concerns related to clearance violations, pole loading, etc.
- Maintaining accurate attachment records that drive accurate rental billing and streamline future attachment requests
- Coordinating remediation of issues related to foreign attachments

Professional field technicians collect data on a geographic basis, document the presence of attachments on a structure and ownership of those attachments, determine whether or not guys and anchors are shared, evaluate spacing, identify double pole locations, and provide digital images integrated into online, map-based solutions to support attachment results.



A majority of joint use survey and clearance audits find:

- 5-7% new attachments, within a five-year interval, which could be lost revenue
- Attachment violations
- Transfers
- Instances of double wood

Osmose can help direct efforts to remediate identified problems in an efficient manner.



Speed

Osmose has hundreds of trained inspectors which can be deployed to meet the tightest of project timelines



Scale

Osmose visits millions of poles annually, proving Osmose has ability to scale to any size project



Accuracy

Osmose applies the latest technology to deliver accuracy required for our customers

Why Osmose Services?

Osmose has developed a unique approach to joint use survey and clearance audits over the last 30 years. The typical approach of collecting attachment information and simply updating billing is outdated and ineffective. Beyond the core effort of performing comprehensive field surveys, Osmose can support the entire process by providing:

Rental Agreement Review – most contracts are expired or out of date

Cost Recovery – you can share the cost of an audit with licensees

Online Mapping – tools to view query and export results of the audit

Back Billing – attachments without applications are considered unauthorized and have a fine associated with them

Clearance Analysis – improper attachments put you and the public at risk

Data Integration – data drives decisions, making accurate GIS data critical

Double Wood Remediation – double wood (stub) poles are a growing issue

Program Capabilities and Benefits

Our processes enable the pole owner and appropriate stakeholders to pick the right program to drive desired results while simultaneously supporting other initiatives.

Capabilities	Standard	Intermediate	Detailed	Benefit to Your Program
Pole attributes (GPS, height, class, owner)	✓	✓	✓	Verify and update asset registry
Attachments (type, count, owner)	✓	✓	✓	Verify and support billing and transfers
Pole top images	✓	✓	✓	Supports billing, evidence of violations, condition issues, and insight for design and construction
Violations, safety hazards, double wood	✓	✓	✓	Promotes compliance and safety
Osmose 360® Audit Online Portal	✓	✓	✓	Share results with project stakeholders and attachers
Attachment heights (power and communication)		✓	✓	Pole modeling, clearance evaluation, make-ready design
Annotated pole images (attachments, heights)		✓	✓	Visual depiction of attachments with heights as captioned information
Span lengths and angles			✓	Pole modeling, load assessment, and hardening
Pole load assessment			✓	Flag potentially overloaded poles

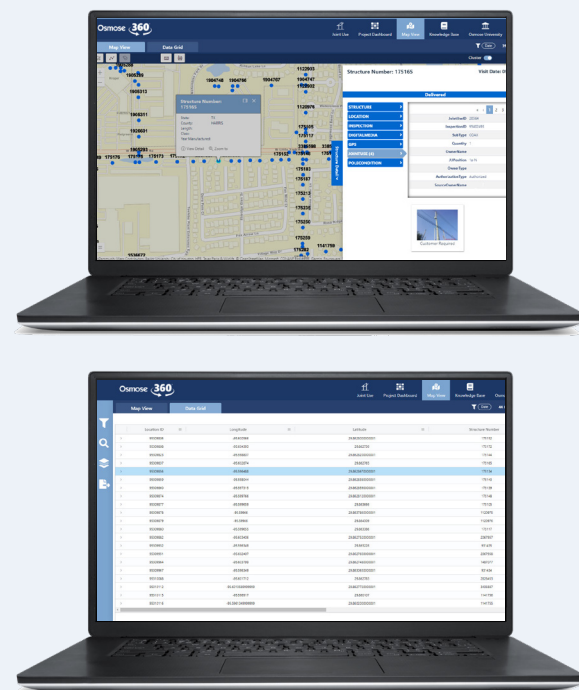
Osmose Innovative Tools and Technologies

Osmose 360® for Joint Use Audit

The most important step in building a joint use audit strategy is transparent collaboration with major stakeholders, including the attaching companies and pole owners. Successful recovery of audit and rental fees requires the survey data to be accurate and defensible.

Osmose 360 Joint Use Audit provides secure access to audit results and supports a unique cost-recovery process tying attachment invoices to specific map views showing each attaching company where they are located.

- Quickly highlight violations found on your system
- Easily identify attachers to each pole
- Filter attachments by owner to support audit cost-recovery and rental billing invoices
- Pole images associated to records illustrate what's on the pole
- Drives quick remediation of third-party discrepancies
- Enables both attachers and pole owners to review information on a pole-by-pole basis



To contact your local Osmose expert, call 770.632.6700 or email technicalservices@osmose.com.