

# O-Calc Pro

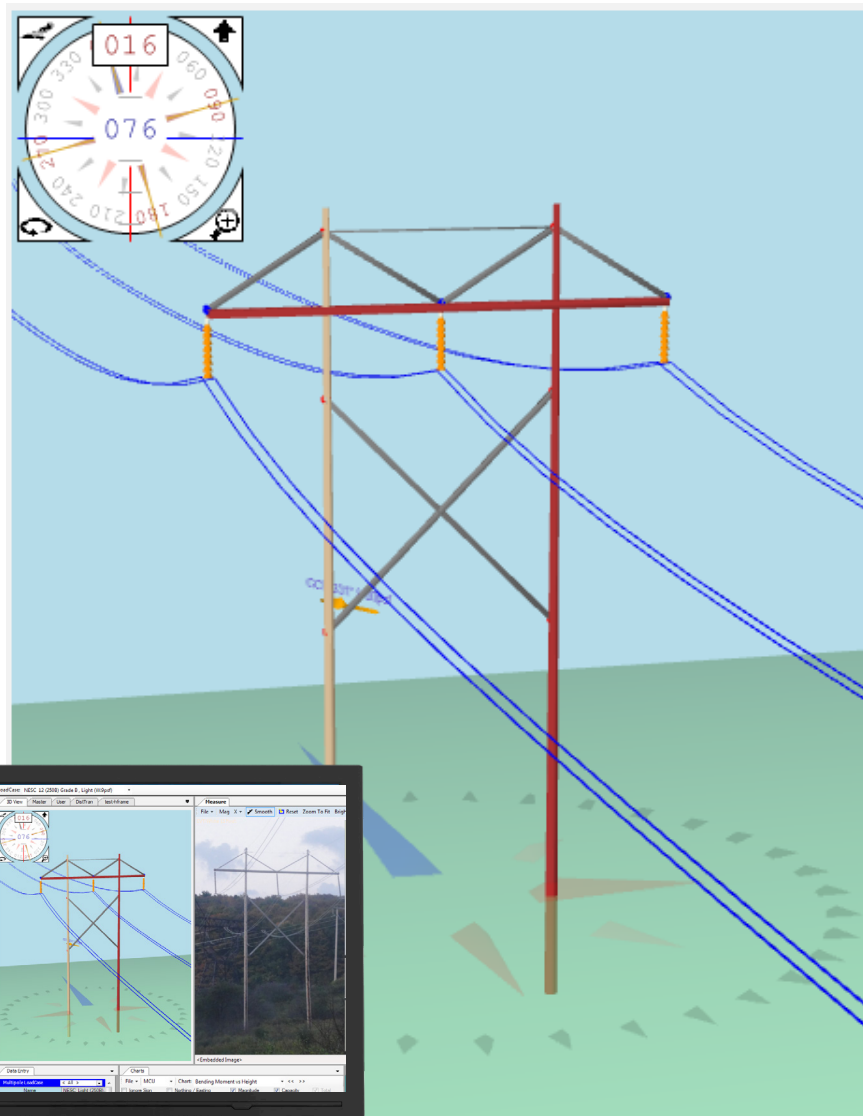


## Advanced Structural Analysis Software

O-Calc® Pro structural analysis software is the industry standard for highly accurate, comprehensive pole loading analyses used in the joint use attachment process, make ready engineering work, equipment and line upgrades, system hardening, and pole replacement. O-Calc Pro features an advanced, yet easy to use interface for the efficient modeling of wood and non-wood poles, H-Frame structures, and full line designs.

### O-Calc Pro Features

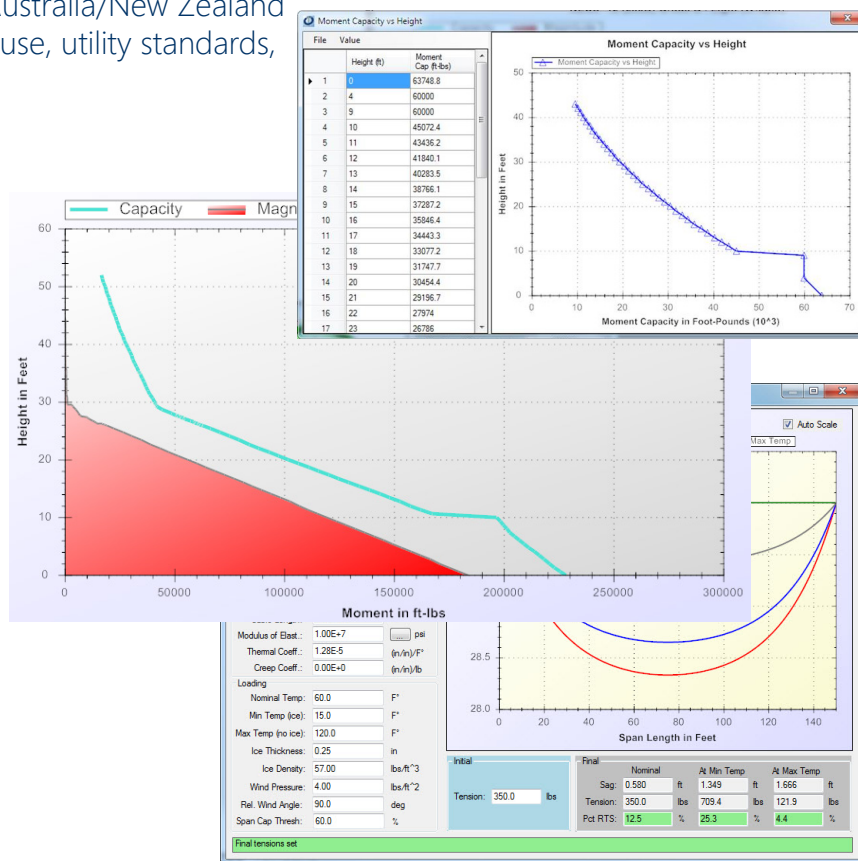
- Powerful, easy to use interface
- Full line design, network extension modeling
- Modeling of wood, steel, concrete, and composite poles
- Modeling of multi-pole structures such as H-Frames
- Digital Measurement Technology (DMT)
- Automatic tension/sag analysis
- Automatic clearance analysis
- Strength reduction calculator
- Multiple downloadable master and user catalogs
- ET-Truss selector
- Integration with Google Earth
- Jumper cable modeling
- Premise location modeling of service drops
- GIS pole information import
- Profile view of line design
- Geospatial view of poles using public or private GIS layers



O-Calc Pro boasts a number of features that cement its place as the industry-leading application for pole analysis. O-Calc Pro incorporates many of the features and functionality requested by our utility and consultant user-community along with Osmose's engineering services team. O-Calc Pro is used across the United States, Canada, the Caribbean, and Australia/New Zealand for pole loading applications related to joint use, utility standards, pole replacements, and system hardening.

O-Calc Pro is compliant with all pertinent codes for NESC, GO95, CSA, AS/NZS and simplifies advanced calculations that incorporate:

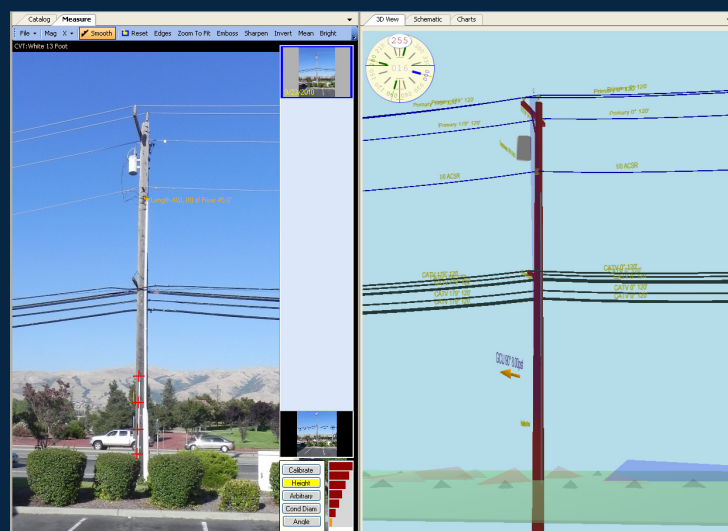
- Pole and attachment attributes
- Wind and ice loads
- Guy system analysis
- Thermal loads on cables and conductors
- Batch analysis of each pole within the line
- Advanced moment capacity modeling vs. height
- Advanced span tension modeling vs. span length



## DIGITAL MEASUREMENT TECHNOLOGY

Osmose Digital Measurement Technology (DMT) is an image-based measurement tool that allows users to accurately measure attachment heights, wire diameters, and other general dimensions. DMT utilizes an advanced photogrammetry engine to quickly produce accurate measurements which are applied directly to the pole model. DMT can be utilized with either the Calibrated Visual Target (CVT) or a standard survey range pole.

- Pole tip height or setting depth measurements
- Attachment heights
- Wire diameters
- Line angle measurements
- Clearance measurements
- Relative measurements



For more information on O-Calc Pro:

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