

O-Calc[®] Pro

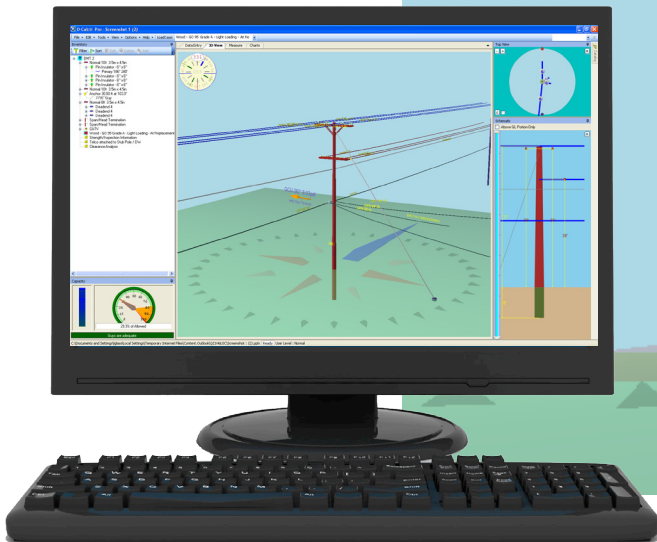
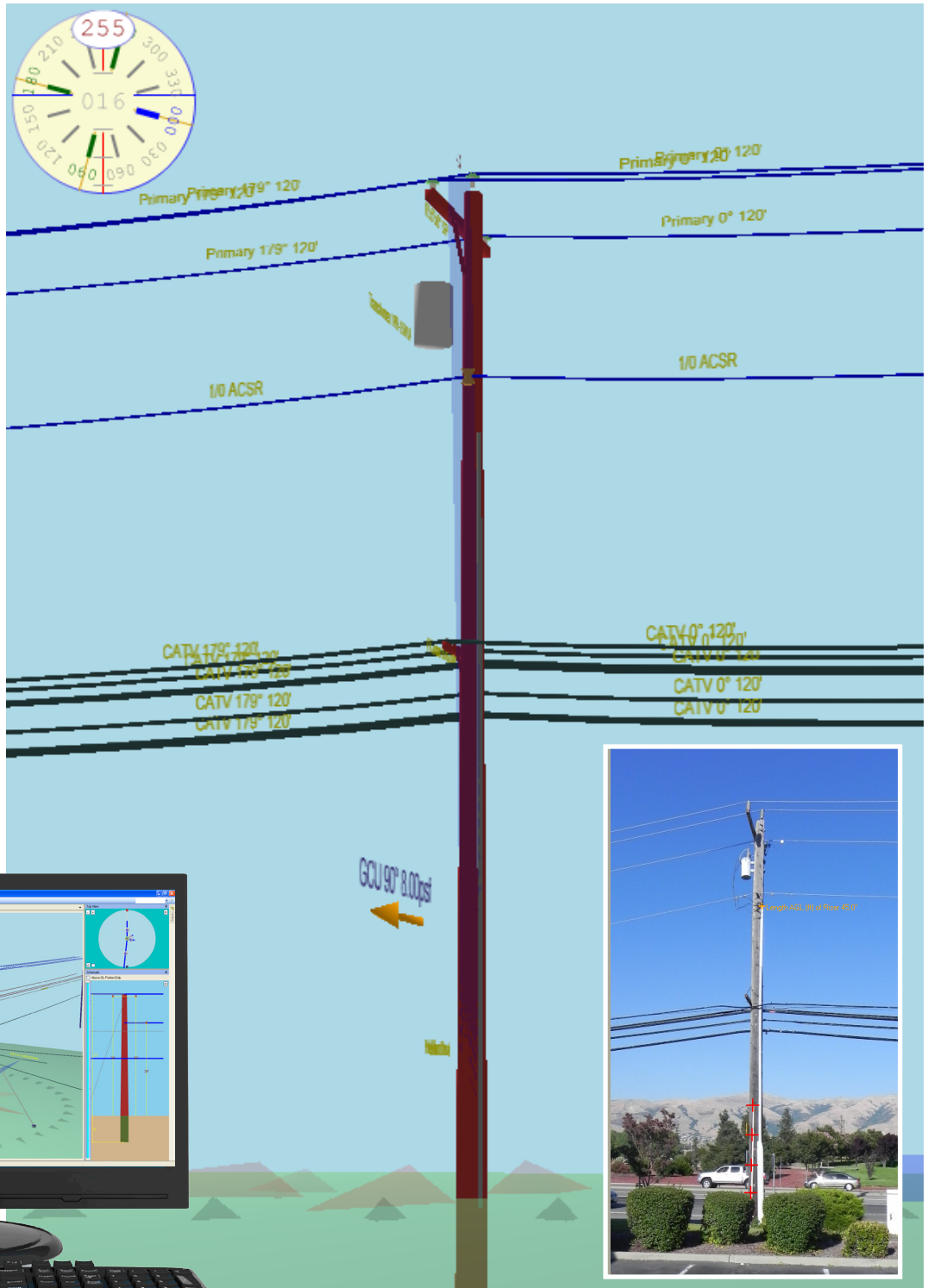
Structural Analysis Software for Utility Poles

Accelerate your pole loading analysis with the latest innovation in utility pole loading software.

Osmose introduces O-Calc Pro, the new version of our industry-leading pole analysis software. O-Calc Pro features Digital Measurement Technology™, a state-of-the-art feature that allows users to extract accurate measurements from digital photos. The new drag-and-drop user interface and advanced calculation tools make O-Calc Pro a highly accurate and productive application for performing comprehensive pole loading analyses.

Features of O-Calc Pro

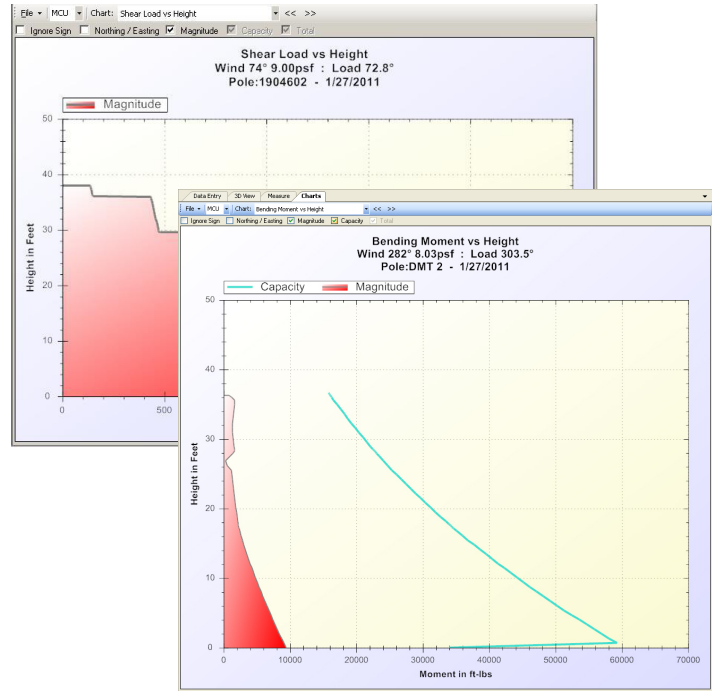
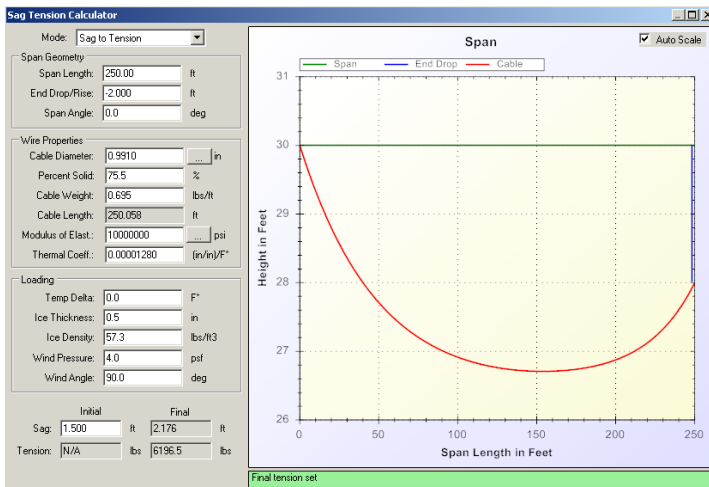
- Powerful new user interface
 - Catalog-driven design
 - Live, interactive 3-D model
 - Drag-and-drop functionality
- Dynamic wire tension loads
- Complete tension and sag calculator
- Strength reduction calculator
- Customizable reporting
- Customizable equipment catalog
- Digital Measurement Technology



O-Calc was first released as a commercial application in 1999 responding to customer demand for a comprehensive pole loading analysis tool similar to what Osmose developed for in-house use. A number of upgrades and enhancements have helped O-Calc become the industry-leading application for single pole analysis. O-Calc is used by companies across the United States for pole loading applications related to joint use, utility standards, pole replacements, and system hardening.

Tensions & Sags

- Live, interactive sag and tension calculator
- Dynamic calculation mode
- Determine worst-case tensions and sags
- Apply tensions and sags directly to the pole model



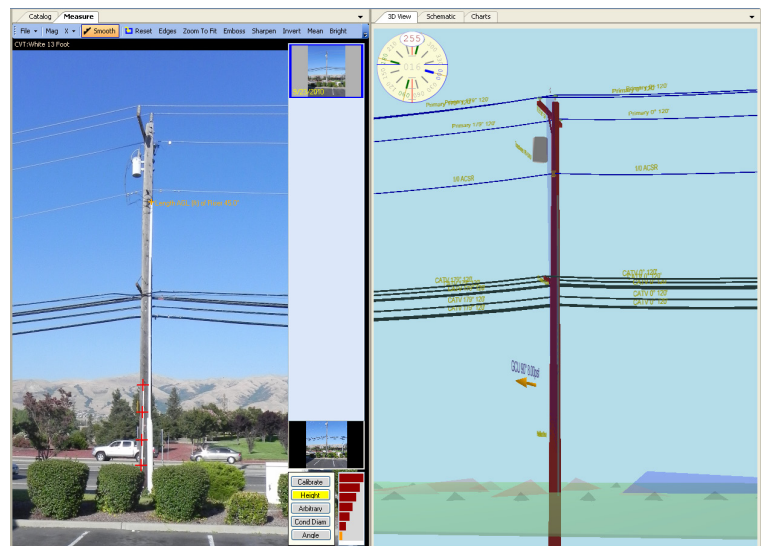
O-Calc Pro simplifies advanced calculations that incorporate:

- Pole and attachment attributes
- Wind and ice loads
- Complete guyed pole analysis
- Thermal loads on cables and conductors
- All pertinent codes and custom load cases
- Existing conditions such as leaning poles

Digital Measurement Technology (DMT™)

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.

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



Ask about Osmose turnkey Pole Engineering Services featuring O-Calc Pro and Digital Measurement Technology.