



## PRESS RELEASE

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CONTACT: Lauren Glass  
770.632.6710  
lglass@osmose.com

### OSMOSE INTRODUCES O-CALC PRO

TYRONE, Ga. – Osmose Utilities Services, Inc. today released O-Calc® Pro, the latest innovation in structural analysis software for utility poles. This new version of O-Calc, an industry-leading application for pole analysis, features significant enhancements and new built-in tools that allow users to more quickly and accurately perform comprehensive pole loading calculations related to joint use, equipment or line upgrades, pole replacement, and system hardening.

O-Calc Pro is the result of more than a decade of experience and continued program development. The program is designed to simplify and automate the process for calculating structural loads on new and existing utility poles. O-Calc Pro enables detailed calculations according to all pertinent codes (NESC, GO 95, CSA, and ANSI 05.1) that analyze poles and attachments subjected to wind and ice loads, tension on cables and conductors, and existing conditions such as leaning poles.

The powerful new user interface features a catalog-driven design and a live, interactive 3-D model. The drag-and-drop functionality allows users to quickly build pole models using equipment and assemblies stored in the customizable catalog. New reporting features allow users to generate customized reports and charts that present information in a format suitable for their individual needs. Other enhancements include the addition of a strength reduction calculator, a dynamic tension and sag calculator, and state-of-the-art Digital Measurement Technology™ (DMT).

Osmose Digital Measurement Technology 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 is designed to improve the accuracy of the analysis by eliminating the need for assumptions regarding pole setting depth, attachment heights, conductor and cable diameters, and clearances. DMT provides results that can be reviewed and confirmed without additional field visits, reducing or even eliminating the expense and effort of subsequent trips to the field.

“We set out to take utility pole analysis to the next level with O-Calc Pro. We created a program that incorporates powerful analysis functionality combined with new features designed to simplify the modeling process. O-Calc Pro gives users the flexibility to customize their experience and their results, and it is all packaged on a platform that can be easily integrated into virtually any workflow,” said Jeff Giffen, Manager of Engineering.

#### About Osmose

Osmose provides professional inspection, maintenance, and rehabilitation services for aging T&D infrastructure. Osmose

also provides utility data solutions and pole engineering services - from GIS related surveys for network connectivity and joint use to pole loading analysis for make-ready design and regulatory compliance. With more than 75 years of diverse experience as a foundation, Osmose proudly serves America's utilities and telecoms as they manage aging infrastructure and build tomorrow's intelligent utility. [www.osmoseutilities.com](http://www.osmoseutilities.com).