



Critical Design Insight for Overhead Electric Distribution Systems

OpenUtilities[®] Designer and SPIDAcAlc[™]

Whether you are in electric utilities, telecommunication, engineering and construction, consulting, or similar industries, SPIDAcAlc and OpenUtilities Designer are the right approach for reliable overhead electric distribution systems design and analysis for a sustainable power grid. With each software application, designing and managing your electric network has never been easier.

TEDIOUS AND TIME-CONSUMING WORKFLOWS

Traditional methods of pole line design, structural analysis, and design workflow are manual, tedious, and time consuming. Many systems lack integrity, transparency, control, flexibility, and reliability that lead to safety concerns. These disparate systems make building, modifying, and reporting on poles and cables very difficult. Simply put, two dimensional spreadsheets are not cutting it for regulatory requirements regarding nonlinear analysis. Organizations need enhanced functionality and user-friendly operability.

IMPROVE VISIBILITY, ACCELERATE PROCESSES

Combining the power of SPIDAcAlc and OpenUtilities Designer, users can accelerate the design process with a unified design environment to eliminate overdesign, reduce capital expenses, and streamline design workflows. The software enables the extension of joint-use workflows for both electric and communication networks to assess communication equipment on electric poles to improve design visibility for joint-use facilities. SPIDAcAlc's scalable horsepower can analyze thousands of complex poles in a matter of minutes, while OpenUtilities Designer ensures design accuracy with built-in MicroStation[®] and intelligent design capabilities.

KEY BENEFITS

- ◆ Reliable analysis results with robust reporting
- ◆ Lower deployment costs
- ◆ Minimal effort to maintain and administer software
- ◆ Efficient and flexible connected environment
- ◆ Elimination of rework (avoid redesign in CAD)
- ◆ Accelerate layouts with intelligent MicroStation-based design accuracy
- ◆ Gain up to a 20% reduction in design time
- ◆ Analyze one or 10,000 poles in a matter of minutes
- ◆ Implement an improved workflow for internal users and contractors
- ◆ Cloud-based design and analysis

