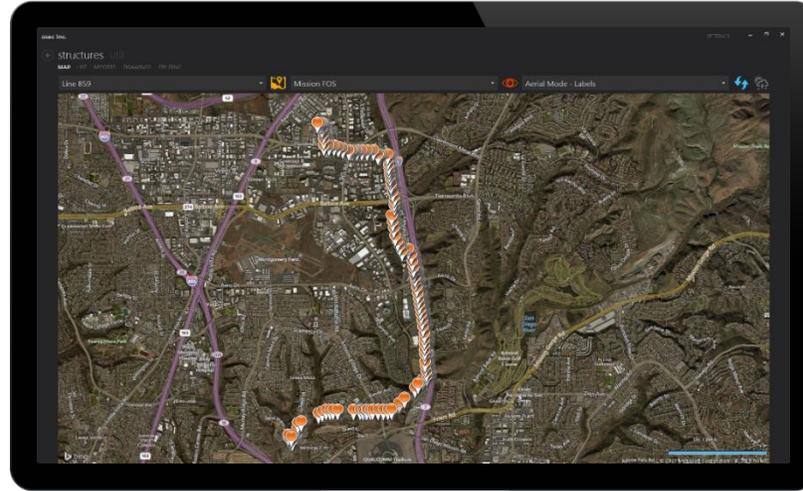
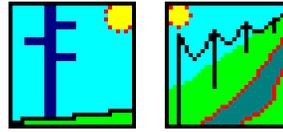


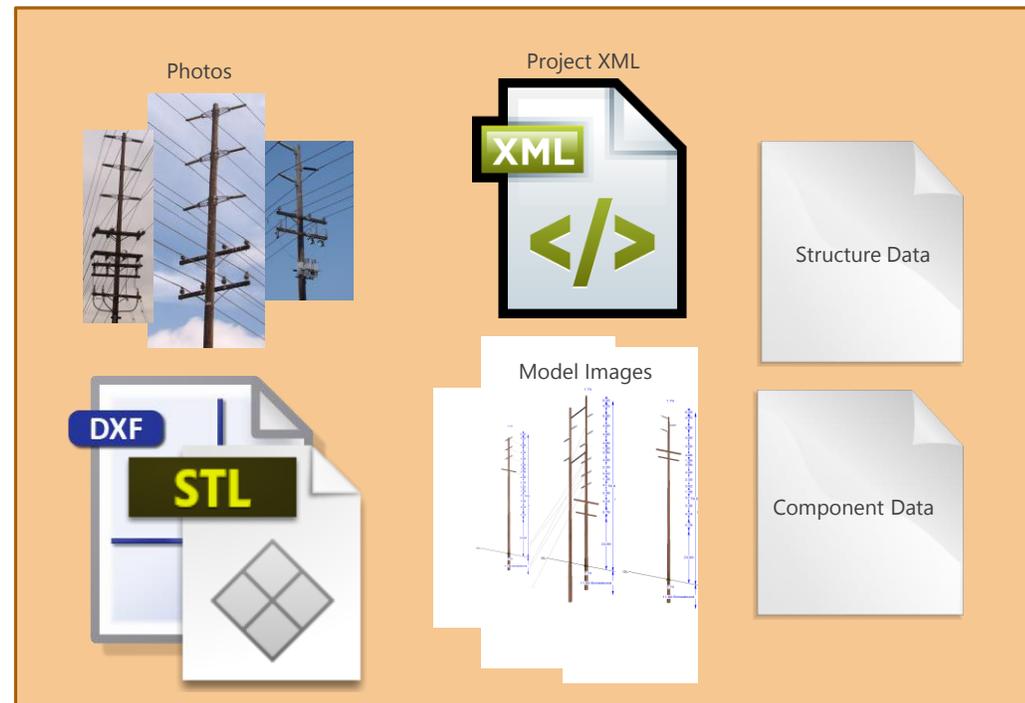
PLS Integration & Data Management



PLS Integration



Project data gathered from line and structures



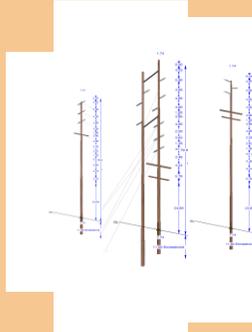
Using PLS interface, the data aggregation is almost completely automated.

Data Management

PLS Data



Structure Data



Component Data

User data

Drawings



Videos



Fielding



BOM



Connected into a database



Database



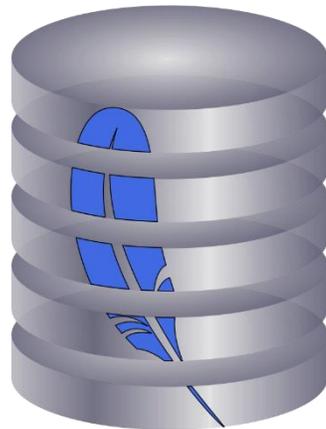
- Centralized
- Portable
- Expandable
- Adaptable

LOCAL

An embedded SQLite database is used to store data locally.

CLOUD

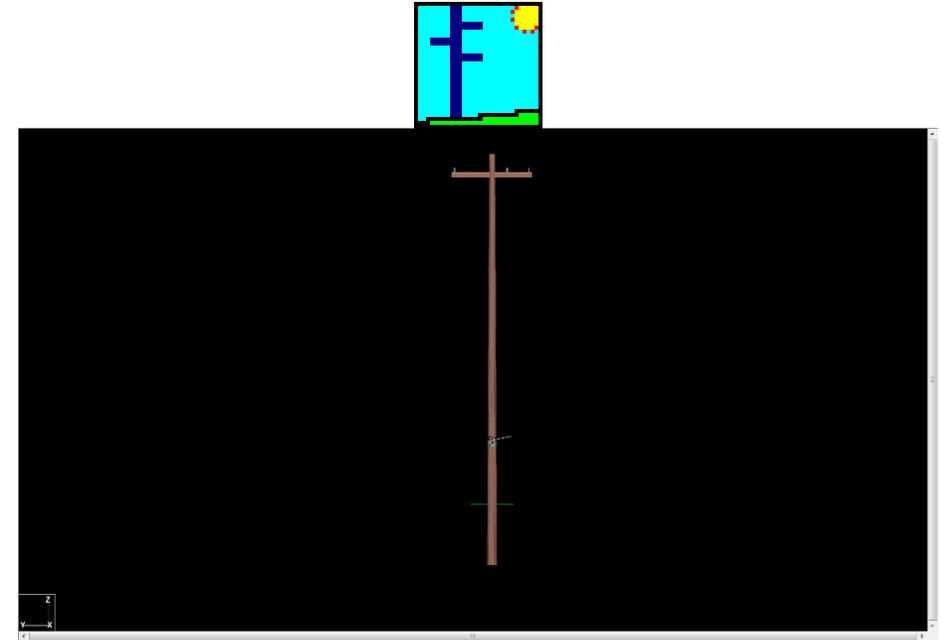
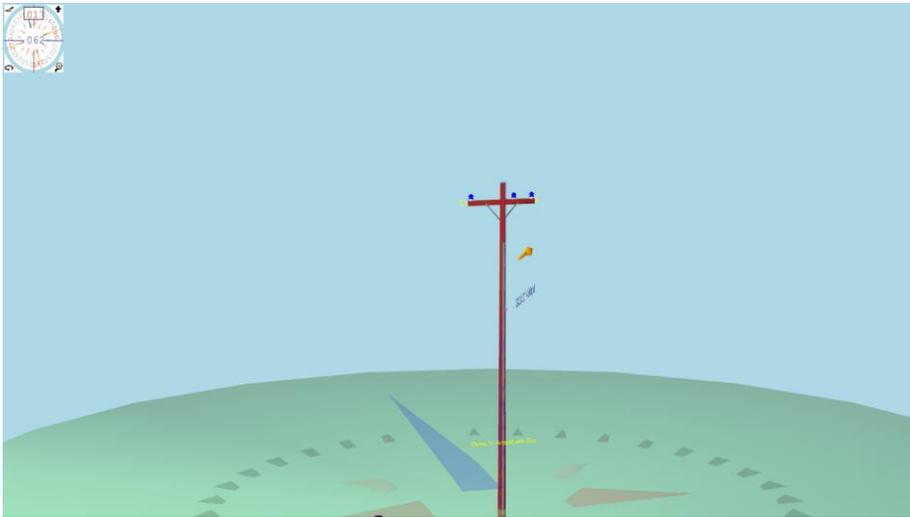
Microsoft SQL Server or MYSQL for hosting a cloud database.



Synced



O-Calc & SPIDACalc Model Conversions

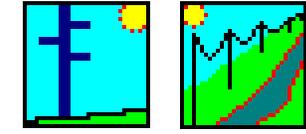
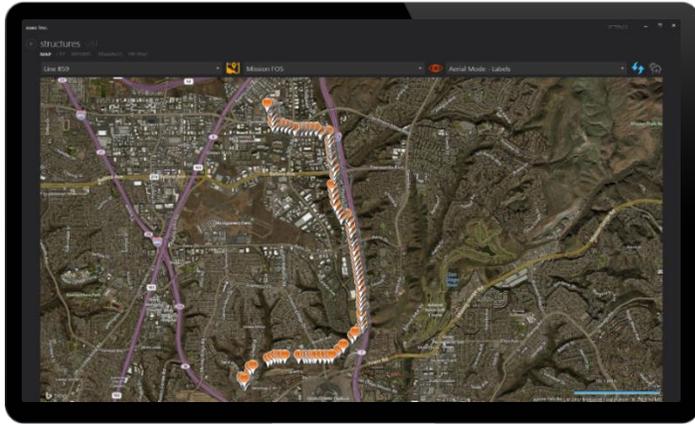


O-Calc

- Libraries are stored in XML files
 - Each of these files is converted to a PLS component file
- Project data is stored in a .PPLX file
 - This data is used to convert the structure to PLS-Pole

SPIDA Calc

- API on GitHub allows service queries for SPIDA products
 - These queries return project data in JSON file format
 - <https://github.com/spidasoftware/schema>
- .SPIDA project files are compressed folders containing XML data
 - Contains both project and library data for converting models to PLS-Pole



PLS Integration & Data Management

