

CIMatic Designer

for OSIsoft Microgrid Solution

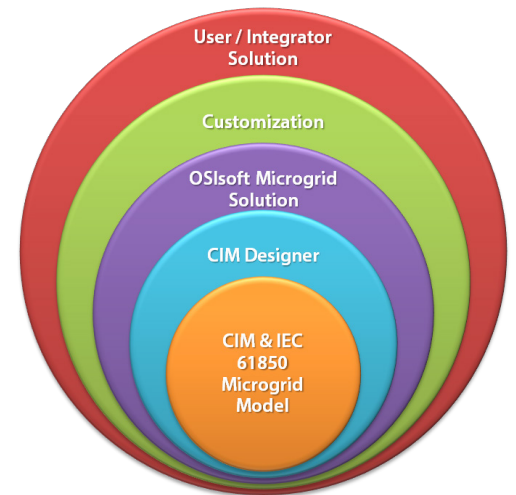


OVERVIEW

Microgrids are small energy systems capable of balancing supply and demand resources to maintain stable service, local frequency, and voltage regulation in island mode within a defined boundary. The number of installed microgrids is growing in many regions around the world and some of the challenges facing their deployment include interconnection, interoperability, resource planning, system operations, and technology synergy.

The OSIsoft Microgrid Solution provides a framework for OSIsoft partners and third-party integrators. It also provides a reusable standards based infrastructure that decreases risk and time-to-delivery for control and monitoring of microgrids.

As part of the solution, SISCO provides the model-driven tools and customization services that are based on our CIM and IEC 61850 expertise. The tools include the capability to create and manage the complex microgrid models in PI AF. We supply the consulting and customization services needed to extend the OSIsoft Microgrid Solution to meet your requirements.



FEATURES

- Based on standard models of CIM and IEC 61850
- Provides a mechanism to allow customer extensions to the base model
- Allows advanced OSIsoft Microgrid Analytics to execute in an environment based on standards
- Graphical editing capability powered by Microsoft™ Visio
 - User defined graphical symbols
 - Generation of SVGs
 - User-friendly interface
- Provides model maintenance capabilities that allow:
 - Merging of information from various sources
 - Incremental changes to the model, which reduce the need for full model updates
 - Visual editing of the Microgrid Solution model