



CYMDIST Gateway - Integration for CYMDIST

As utilities progress toward the era of smart grid with the implementation of smart meters, devices and systems, a growing amount of detailed information becomes available to allow operating the distribution network more effectively than ever before. By combining and bringing these data into a distribution system analysis tool, DG penetration can be assessed, demand growth and network capacity can be optimized and power engineering planning can be done more efficiently. CYMDIST Gateway is the bridge between your smart grid data and CYMDIST.

CYMDIST Gateway - Smart Network Model for Distribution System Analysis

CYMDIST Gateway extracts all necessary information from your GIS and other enterprise systems to automatically generate up-to-date and accurate distribution network models, ready for planning and operational studies in CYMDIST.

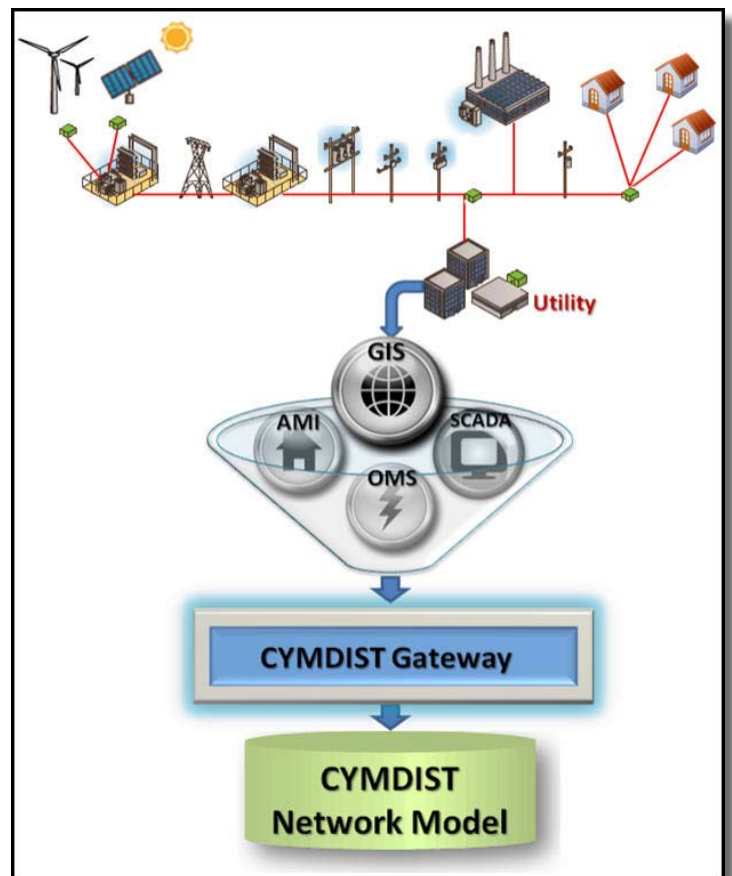
One of the biggest challenges for distribution system engineers is to have the right model to work with. CYMDIST Gateway eases the technical complexity that distribution system engineers have to face in gathering and integrating relevant system data into a single network model. Acting as a stand-alone solution, CYMDIST Gateway extracts the required information and builds the most complete network possible for CYMDIST with the single click of a mouse or automatically.

Extraction from GIS... and more

CYMDIST Gateway interfaces with systems such as:

- GIS – Network topology
- AMI/AMR/MDM, CIS – Load information
- SCADA – Feeder demand
- DMS – Dynamic setting, IED readings
- OMS – Actual switch status, failure history

As the network evolves from a traditional grid to a smarter grid, CYMDIST Gateway always provides a close to real-time updated network model for CYMDIST. It can furthermore automate network calculations to allow more accurate network studies.



Powerful and User-Friendly

Through its intuitive user interface, users can select the feeders, substations and any complementary information they want to extract and import into their CYMDIST model.

CYMDIST Gateway can be customized to perform operations such as:

- Advanced electrical data validation
- Network calculations in batch mode using CYMDIST/COM
- Customized Load Allocation
- Protective device coordination

Other available add-on functionalities include:

- Identification and report of GIS data discrepancies
- Quality Control via a Stage Database
- User-friendly web-based report

With all its functionalities, CYMDIST Gateway is without a doubt the perfect link between your enterprise systems and CYMDIST.

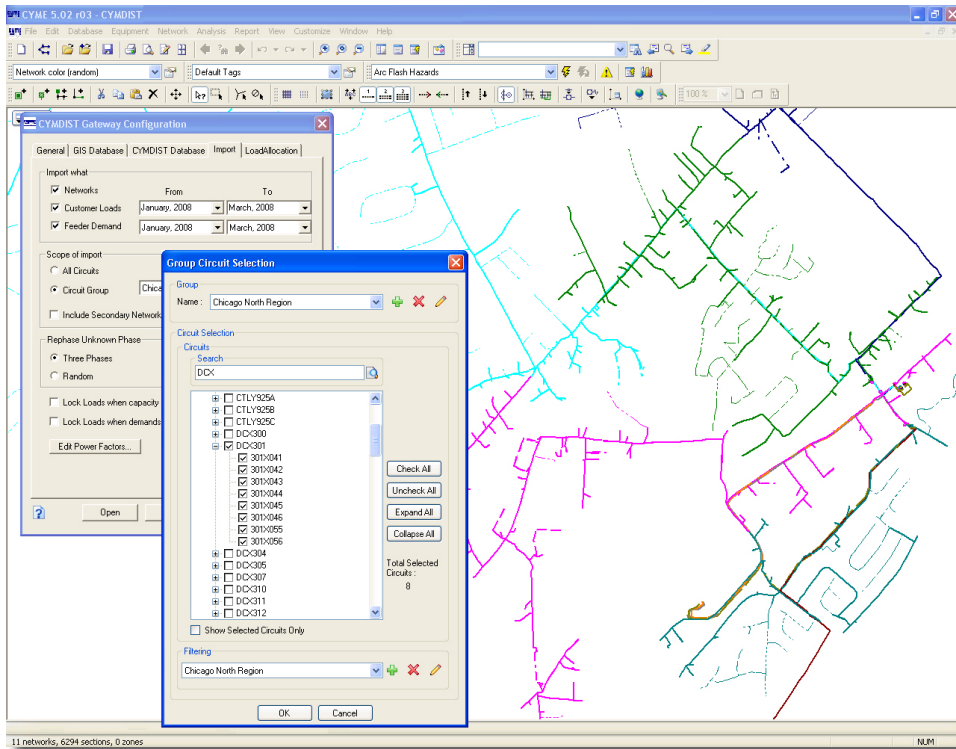
Your Network, Your Gateway

Developed in house, more than 40 CYMDIST Gateways have been successfully delivered and used in production since 2006.

To tailor the CYMDIST Gateway to suit your needs, CYME evaluates your data, identifies the requirements, designs the according specifications, and finally develops and implements the interface within your particular IT environment. Our expert team assists you during the different phases of the integration, such as deployment, on-site configuration and training.

Maintenance services offered include the upgrade to new GIS and CYMDIST versions as well as fast and professional support services from the CYME team.

For more efficient planning, more accurate studies, you will need a correct network representation. CYMDIST Gateway is the absolute application you can count on for bringing all that is smart into CYMDIST.



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