



CYME SOLVERS

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Distribution Analysis

Transmission Analysis

Switching Optimization

Fault Locations

And more...

High performance calculation engines for Electrical Power Transmission and Distribution Network Analysis

CYME SOLVERS consist of a comprehensive collection of Power Engineering Analysis simulation components that can be easily and transparently launched within your preferred DMS, CAD, GIS, OMS, EMS, NMS or SCADA programs, as if they were an integral part of your own solution.

CYME SOLVERS, embedded into your corporate-wide software applications, will make 20 years of Electrical Power Engineering simulation experience available to any member of your organization. Non-engineering personnel such as GIS specialists, network operators, dispatchers, etc, will be in a position to make informed decisions, as if a power system expert were sitting beside them.

State-of-the-art technology

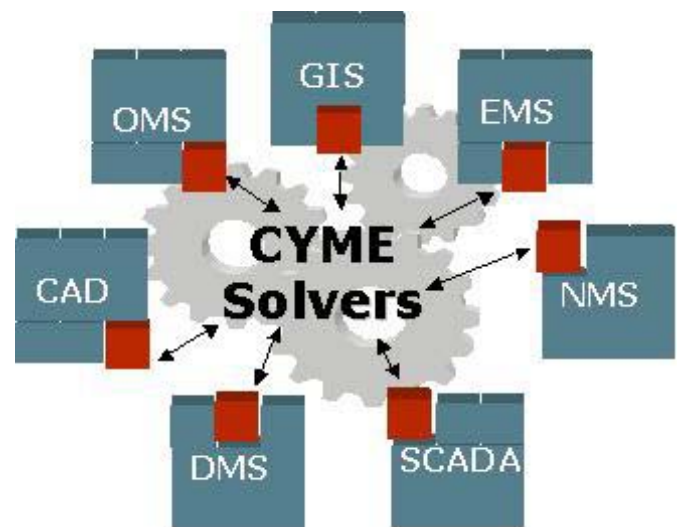
CYME SOLVERS are built on top of the information technologies most recognized standard: the Component Object Model or COM. All CYME Solvers are COM-based components accessed by any computer program written in C, C++, Java, J++, Delphi or Visual Basic. The SOLVERS can be deployed either as a client/server solution, as Web-based tools on your intranet, as an application service provider (ASP) or as Web services, since they provide support for browser standard HTML and XML formats.

CYME SOLVERS contain state of the art calculation algorithms to speedily resolve large transmission and distribution networks and deliver the desired data in off-line, near real-time and real-time operation modes. CYME SOLVERS work with a single central database shared by your different departments, keeping system administration simple at the lowest possible cost.

Comprehensive and dependable solution

CYME SOLVERS can accommodate electrical power network of any size or type. They provide support and management tools for:

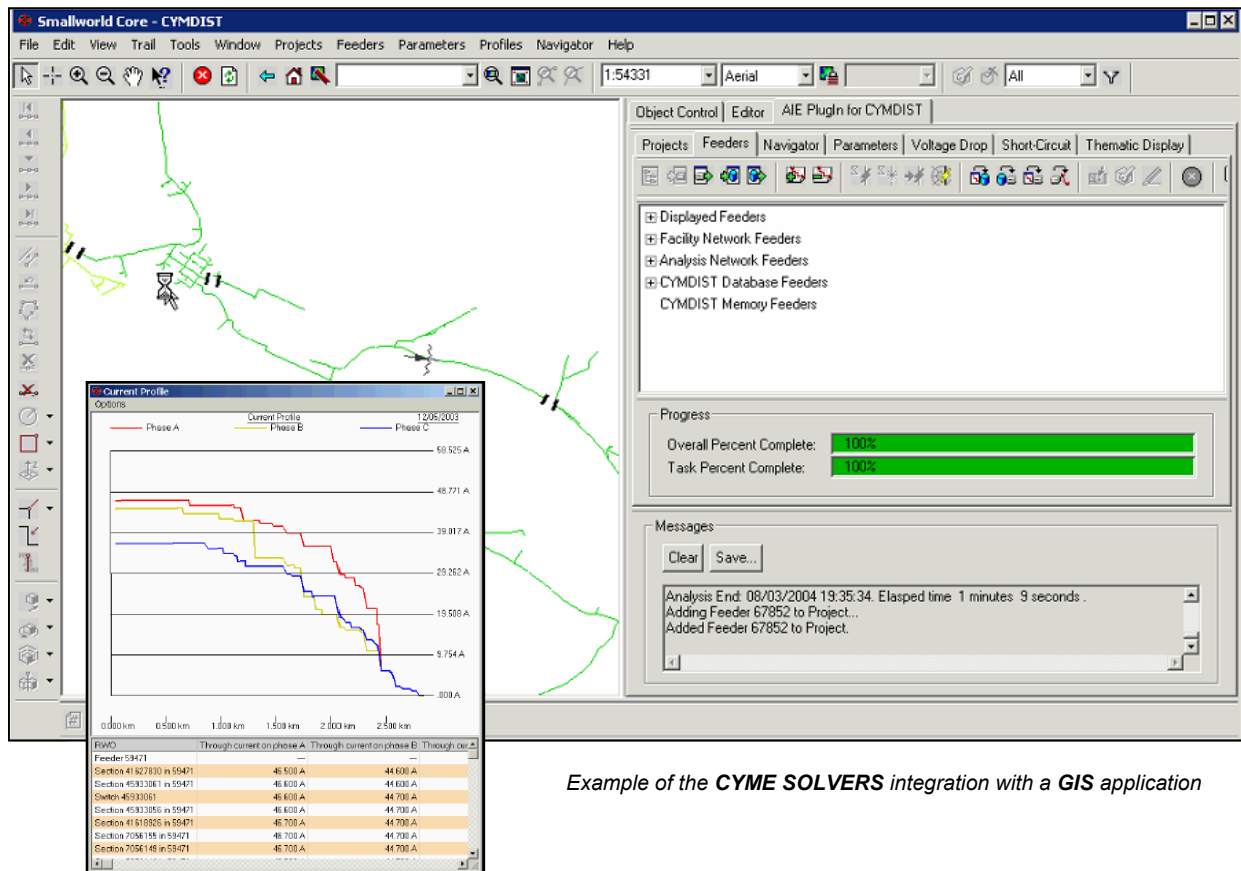
- Balanced and unbalanced networks
- Three phase & single phase load flow
- Fault calculation
- Harmonic analysis
- Circuit optimization
- Contingency analysis
- Optimal capacitor placement and sizing
- Load balancing and load allocation
- Protective device coordination
- Reliability assessment
- Service restoration
- And more ...



Immediate Return On Investment (ROI)

Embedding the **CYME SOLVERS** into your enterprise applications add tremendous value to your actual business processes and will have a positive impact on the management of the workflow. By providing onboard expertise and support to your technical and non-technical staff members, your company will soon:

- Improve productivity and efficiency from planning studies to real-time operation decisions.
- Shorten the time-to-release cycle and increase the overall quality of the projects.
- Decrease system administration and maintenance cost.



Example of the **CYME SOLVERS** integration with a GIS application

Software services and support

CYME SOLVERS inherit its remarkable functionality and inter-operability from the same group of highly qualified engineers and computer specialists who have developed the full product line of **CYME** Power Engineering Analysis software.

CYME's dedicated team of professionals is ready to assist your company in realizing the integration of the **CYME SOLVERS** into your specific environment to leverage your business processes. From the early stage of specification down to the roll out of the system, **CYME** provides the support and the software services, as required, partnering with your technical staff to build up power engineering solutions that will meet your expectations.



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