

Advanced Project Manager

Managing studies in a quick and efficient manner

For each project, engineers create studies and analyze various what-if scenarios to examine a problem and find the best solution. Having proper tools which facilitate working with these scenarios and studies is imperative to successful project management.

The Advanced Project Manager module is an extensive tool that supports the collaborative and detailed preparation of time-based projects in order to assess scenarios in an effective way.

The CYME Advanced Project Manager module is equipped with tools to help engineers work with multiple scenarios and plan their projects in the most effective manner. Note that the functions of the Advanced Project Manager module are embedded in the optional Automated Network Forecast Analysis module.

The Advanced Project Manager module includes:

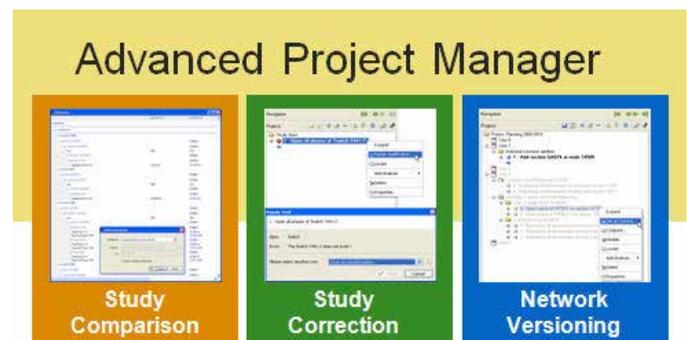
- The capability to setup and edit the project chronology
- Network versioning
- Scenario building
- Scenario Manager / Comparator
- Study correction wizard
- Study comparison and merge capability

The module offers a multi-level database structure which retains all modifications, making any project sharing and team work easy.

Users can create multiple sub-projects and/or independent scenarios to better structure their projects. A series of modifications can be combined into one single project for better identification, and scenarios can be created for time-based studies.

The detailed information available for each modification facilitates study reviews, and the interface offers user-friendly navigation from scenario to scenario.

Once the scenarios are created, the Scenario Manager function allows performing comparative analysis or batch studies to help you determine which scenario suits your planning need best.



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Network versioning

This powerful functionality allows the creation of multiple versions of the same network within the same database. The users can select groups of modifications and create different versions of their network with which they can base their project on. This tool is ideal to create winter and summer versions of your networks, including modifications to the network topology, loads, capacitor status and much more.

To distinguish one study file from another and to make sure it carries modifications that are still pertinent, the module allows working with study files as easy as ever.

Study correction wizard

This wizard guides you in resolving any error in applying a modification. Error-filled study files due to a change in the base case or the database will emerge as updated and corrected through the Study Correction Wizard.

Studies – Compare and merge

The module offers a Comparison Mode which allows comparing two self-contained studies, two scenarios, two specific locations within a study, or the current location versus a base case. No more puzzles and numerous tracking reports: the Comparison Mode lists the differences between two studies or scenarios in one comprehensive tabular format.

The module is also equipped with the capability to allow merging selected modifications from different studies.

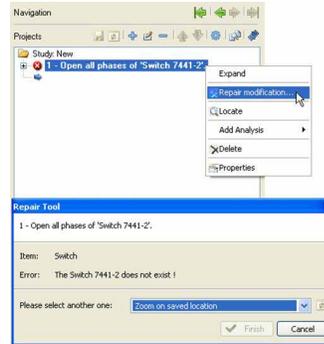
Easy scenario evaluation for efficient decision making

The Scenario Manager functionality provides easy batch analysis and comparative studies for engineers to promptly evaluate the benefits and set-backs of each scenario.

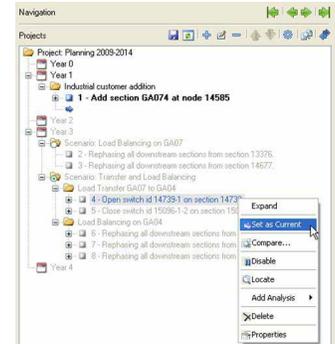
Run a particular analysis such as load flow or short-circuit on any number of cases, at selected modification, sub projects, scenarios, or see the effect of different simulation parameters on your network; the choice is yours with the Scenario Manager functionality.

Reports and charts can be generated for all the cases studied individually. To compare results effectively, indicate the locations to be monitored and the information desired, and the Scenario Manager will automatically generate comparative tabular reports and charts to illustrate the differences of the scenarios studied.

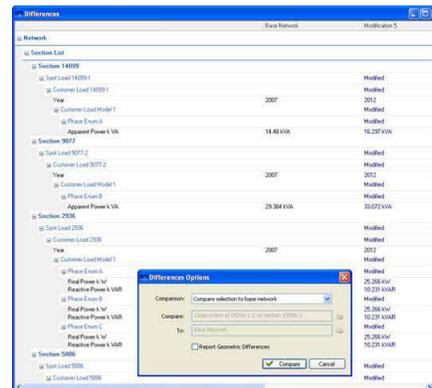
Start to use the Advanced Project Manager today to see the effectiveness of a better-structured project that could transform hours of cumbersome file and result manipulation into one easy effortless task.



Study Correction



Time Positioning



Study Comparison

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