New Features

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What's New in Paladin DesignBase 3.0

Paladin DesignBase 3.0 – EDSA's first release available via direct user download – sets a new standard in power systems modeling, in terms of advanced features, functions, and ease-of-use. By incorporating feature requests from our growing user base, we've created the most powerful modeling environment ever… resulting in unprecedented on-the-job user productivity and overall software management.

And of course, any model created using Paladin DesignBase 3.0 can be redeployed in on-line mode, using EDSA's Paladin Live, the only power systems platform that keeps your know-how on the job after the facility is constructed.

The Paladin family of products is proven in some of the world's most mission-critical facilities… and we thank you for adding your project to our expanding list of customer successes.

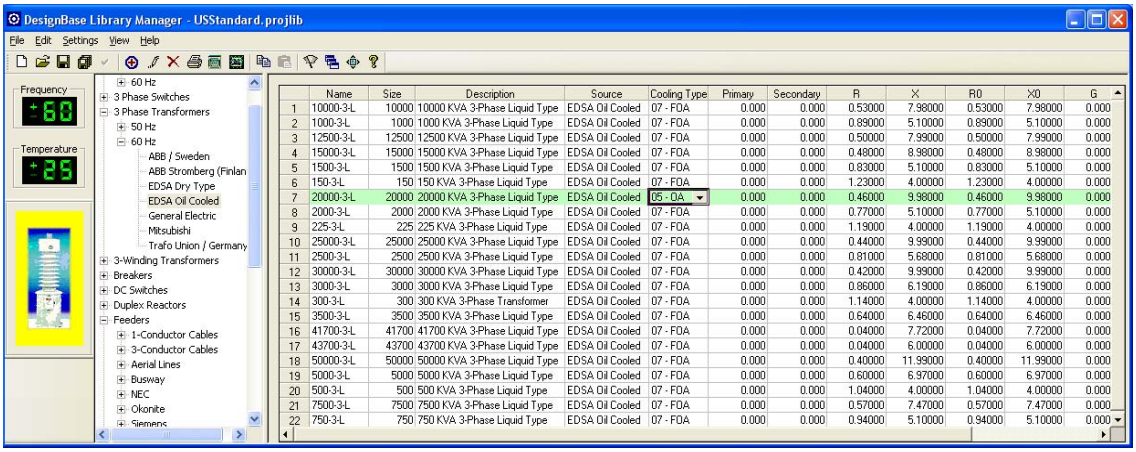
Our most productive modeling environment, ever

- Power without complexity: the industry's broadest range of packages, features, and functions…all harnessed by an easy-to-use modeling interface that resembles familiar products like AutoCAD or Visio.
- Up to 10x the speed of earlier Paladin DesignBase versions
- Simplifies the creation of Paladin Live-ready power system models… ensuring the most accurate, most detailed design imaginable, while keeping your options open for the future. This also lays the foundation for users wishing to deploy on-line applications, such as the popular Paladin Live Real-Time Arc Flash Advisor.
- Allows user to optimize power system designs not just for reliability, but energy efficiency, as well.
- Support for a wide range of operating systems, including Microsoft Windows 7.0 (32- and 64-bit versions)

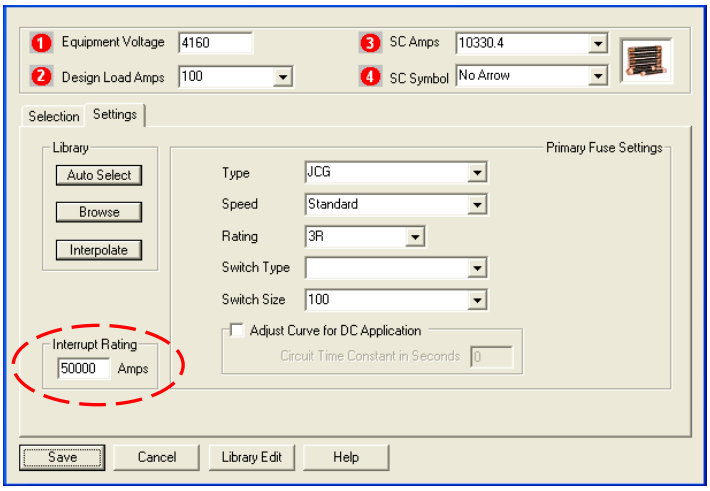
Additions to DesignBase libraries

- New spreadsheet implementation of DesignBase Library Manager
  - Greatly simplifies data entry and editing
  - New copy, cut, paste, and other functionality

- Simple data transfer in and out of Microsoft Excel



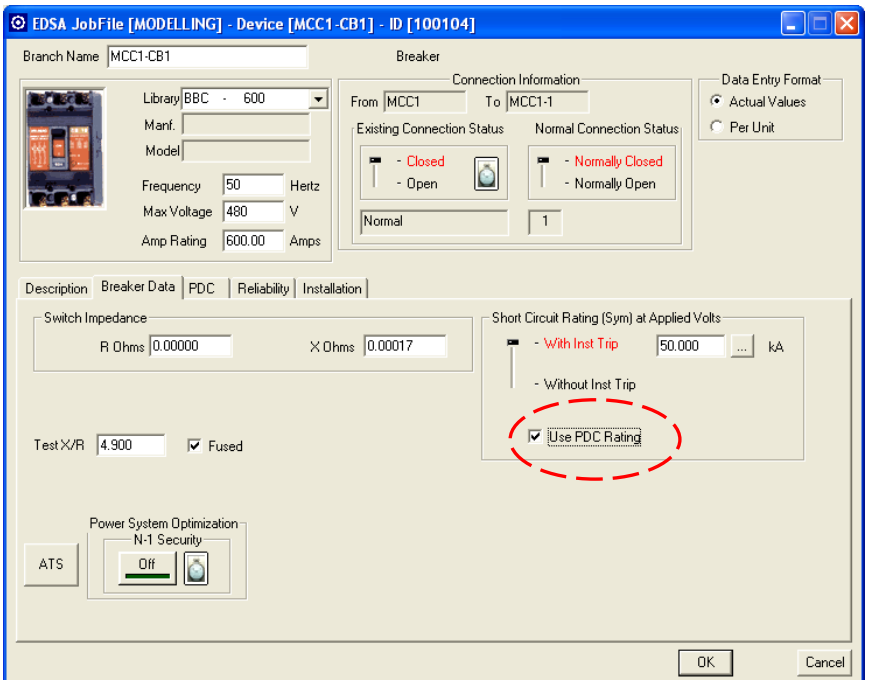
- New ANSI generator generic library with hundreds of new devices
- Enhanced GE transformer library with hundreds of new additions
- Upgraded PDC libraries with interrupt ratings for fuses and the addition of thousands of new curves

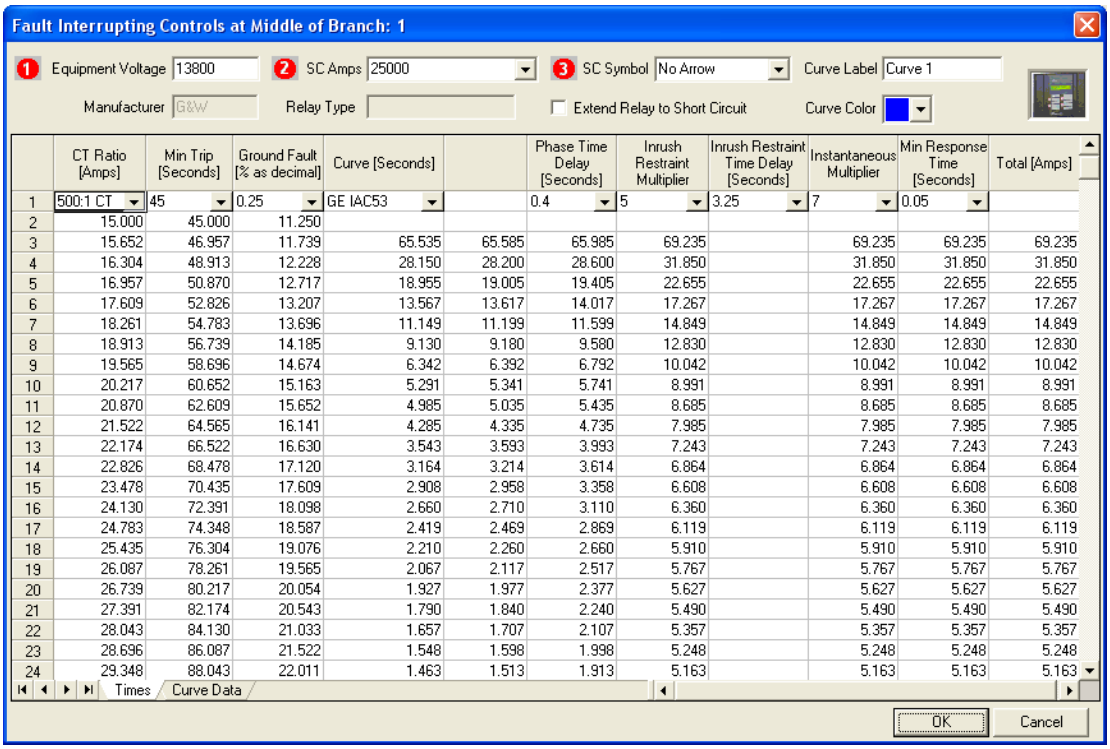


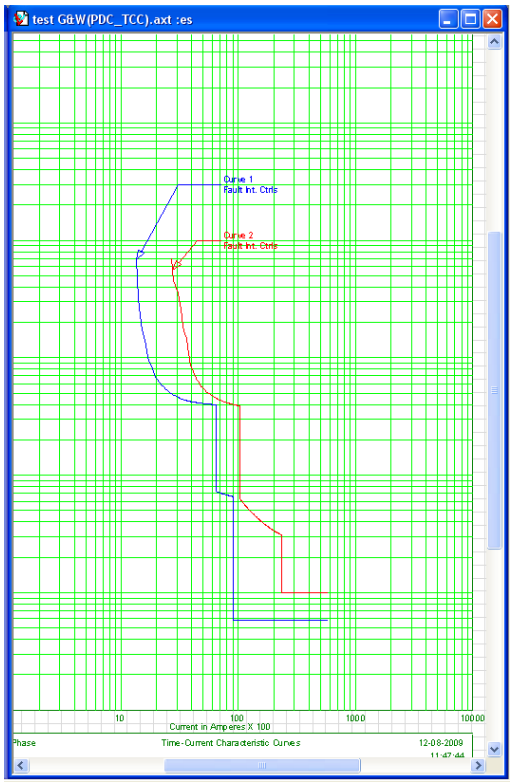
Improvements to PDC program

- PDC interrupting ratings available in Editor for short circuit calculation
- Enhanced ties between standalone PDC program and models developed in the Paladin DesignBase modeler
  - Standalone program works directly on Actrix network
  - User can alternate between regular and standalone PDC program without leaving the job file and interchangeably use the functions of both PDC programs
- Simplified user interface with new streamlined PDC screens

- New spreadsheet interface for complex multi-segment relay curves (e.g. G&W fault interrupters)

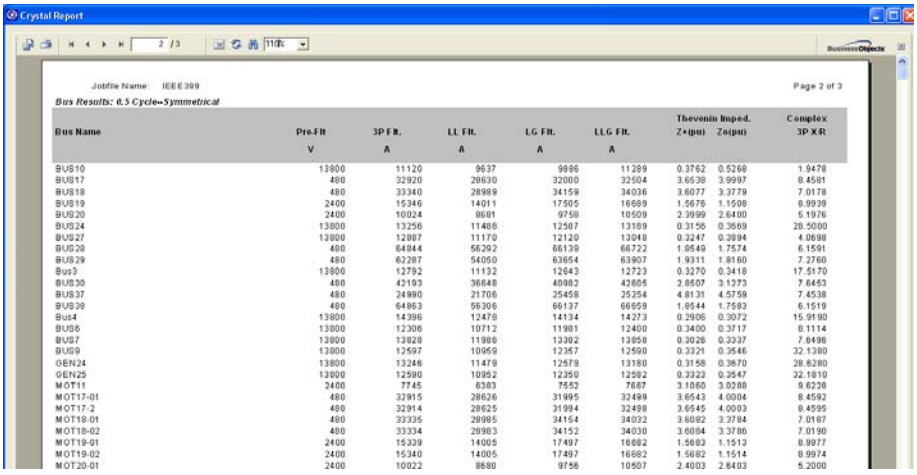




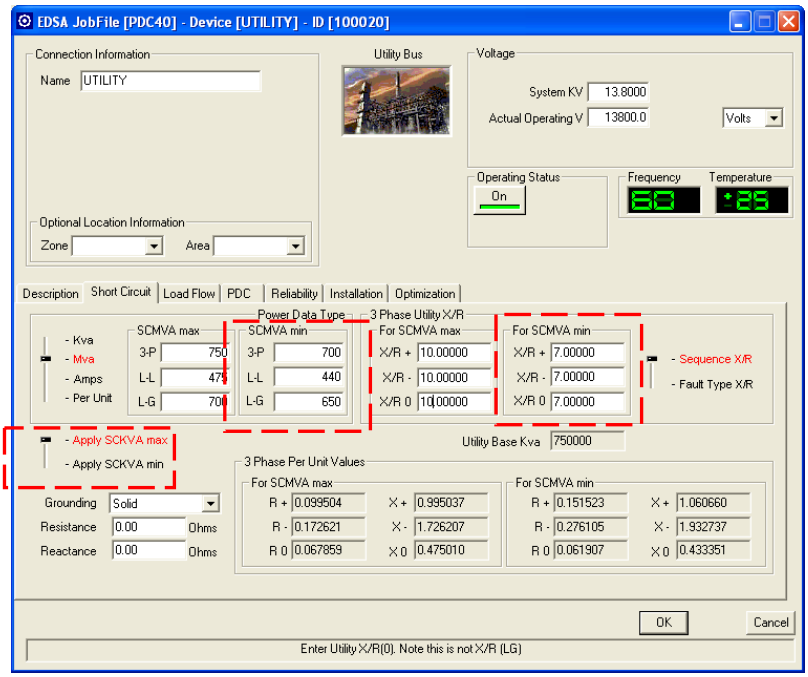


New Short Circuit Features

- Dramatically improved the speed of protective device evaluation algorithm
- Integrated "Crystal Reports" to organize and display results

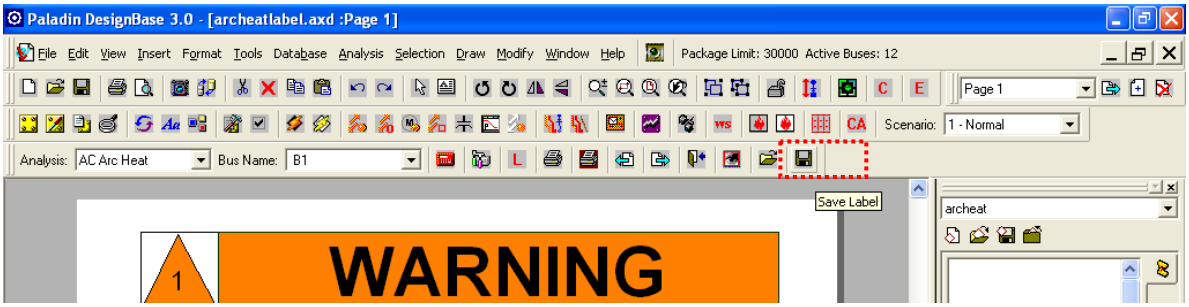


- Minimum short-circuit utility contribution, UPS bypass function and VFD motor feed options added:

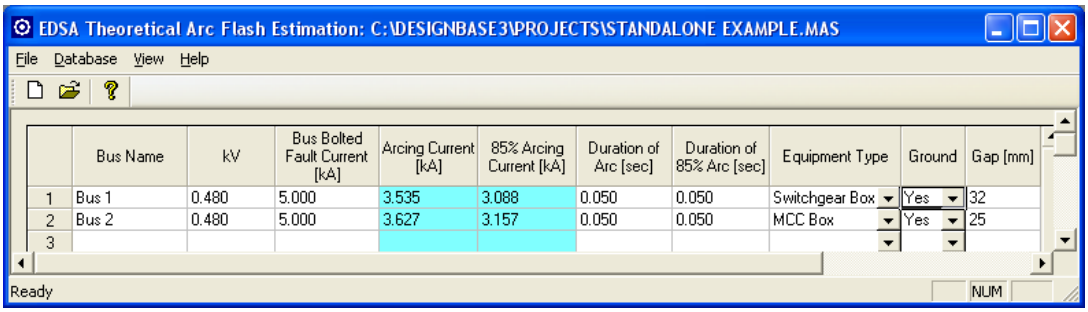


New Arc Flash Functions

- Ability to save Arc Flash labels:

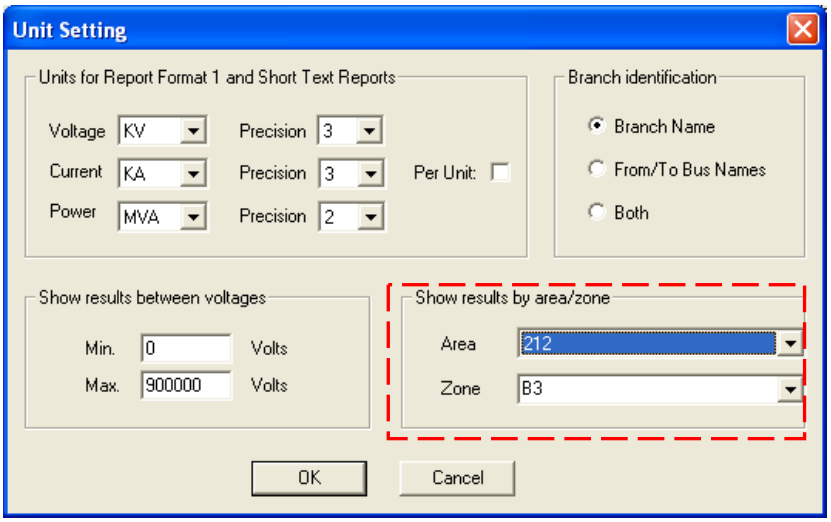


- New Spreadsheet interface for Standalone Arc Flash program:



New Power Flow Functions

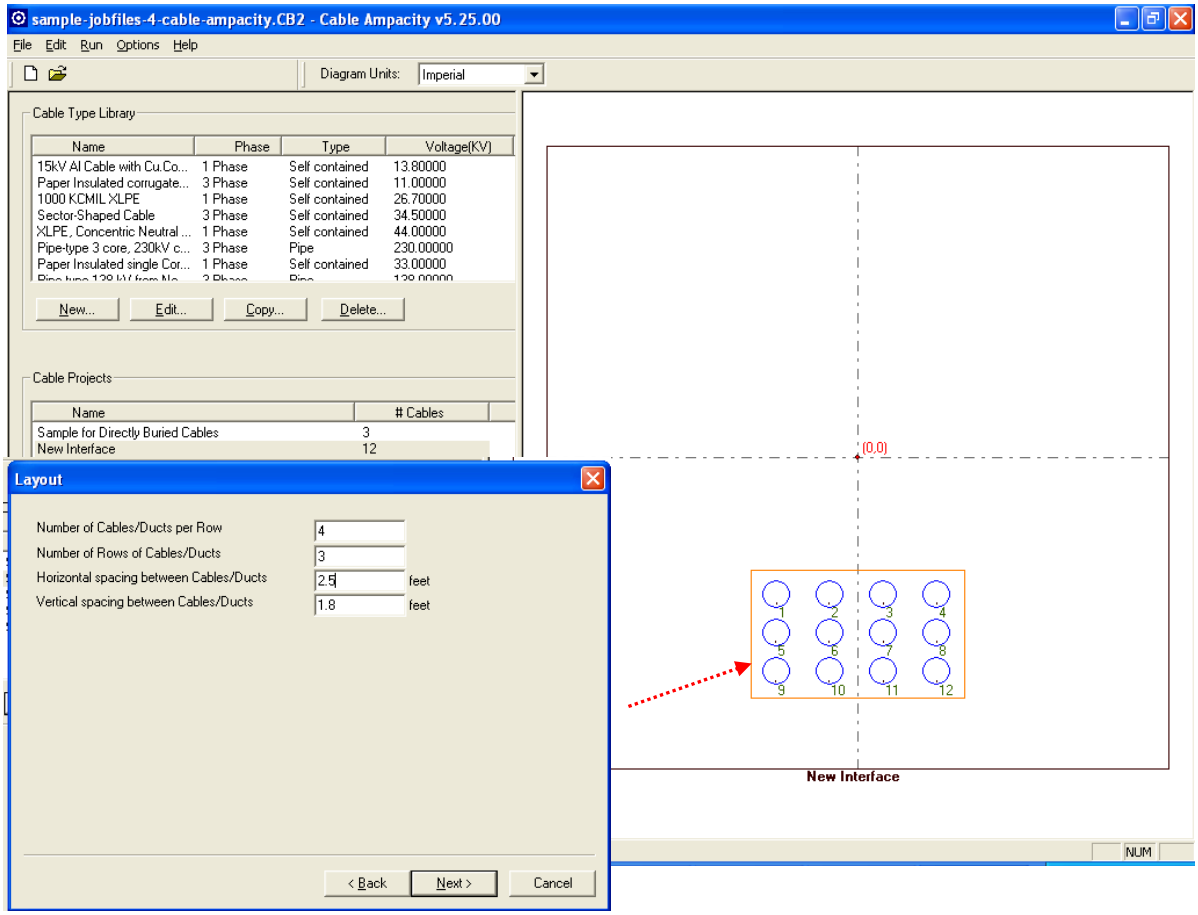
- Enhanced reporting functionality with new user selectable parameters. Ability to print reports by areas and/or zones (the option can be utilized to print the results per page/drawing):



- Introduction of losses from transformers, lines and UPS's in the summary report

New Functions in Cable Ampacity Program

Improved/simplified data entry and display options



License Management

New user selectable packaging of analytics modules – buy only the software you need, Basic package or a premium package, and add any number of *a la carte* options. See installation guide for more information.