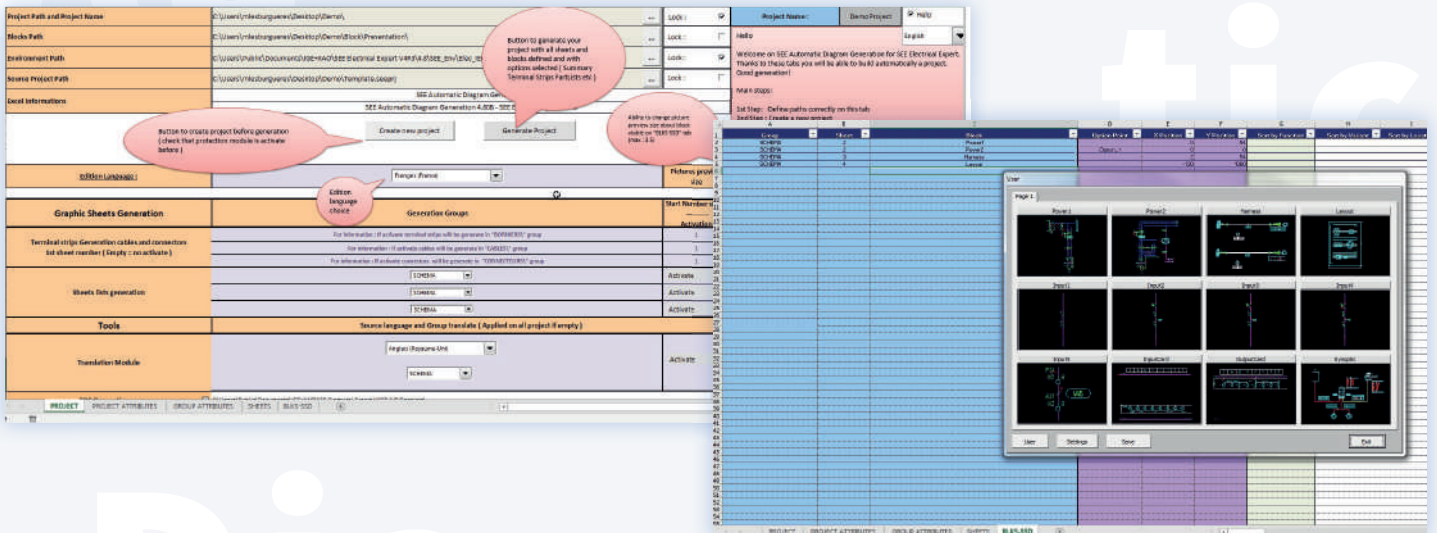




Automatic Diagram Generation

Configure instead of Designing



An important step in increasing productivity is standardisation. Automation logically follows standardisation.

With Automatic Diagram Generation, IGE+XAO offers to SEE Electrical Expert users a tool that enables electrical project configuration, and automated electrical documentation generation for sales, engineering and production.

Features

- Product or project configuration within a simple Excel spreadsheet.
- Automatic documentation generation in SEE Electrical Expert
- Design process optimization
- Options and variants management
- Full customizable
- Possible interfaces to CRP, ERP, PLM, PDM systems
- Possible interface to a customer specific configurator

Benefits

- Avoidance of repetitive tasks
- Reuse of tested designing
- Central knowledge management

Results

- Reduced engineering outlay
- Better quality
- Improved time-saving

Supported industries

- Machinery (Manufacturers of customer-specific machines and plants, manufacturers of standard machines), plant process, power industries.
- For all company sizes: medium-sized companies or large companies.

Repetitive working processes can be optimized and automated. Using Automatic Diagram Generation you can rationalize highly repetitive electrical design processes. Depending on the degree of automation, the time needed to create documentation can be decreased by up to 80% through schematic creation, and at the same time, the quality of documentation is consistently increased. Prerequisite for configuration is breaking down the electrical design in a modular system with functional units as options and variants. After one-time configuration of your basic variable blocks and circuit diagram templates, all new project variants can be derived automatically – an enormous reduction in work.

Projects can be either partially or completely edited manually.

Additional benefits within the SEE Electrical Expert automation process: for instance, this allows automatic translation of the documentation via the module **TRANSLATION**; wire/cable lists for electrical engineering and bills of materials for the ordering process can be generated via the module **PART LIST**.

As an additional bonus, Automatic Diagram Generation allows the uncomplicated marketing of your solutions or products. With the simple configurator based on a Excel spreadsheet, standard designing can be generated by members of staff who are not electrical designers – and no subsequent engineering is necessary. They can use Automatic Diagram Generation to automate the entire quotation process as far as the purchase order, thus relieving your sales team of routine tasks.

For more information

please call us at

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