

More efficient - with certainty

Analysis, implementation and training: new plant construction package optimises complete engineering process

At SPS IPC Drives 2013, Aucotec AG, the developer of engineering software with decades of experience, will be presenting a new combined software and consulting package, specially bundled for the challenges facing plant engineers. With its comprehensive process analysis, ROI assessment, a project planner with milestone definitions, plus clear implementation recommendations it offers management oversight and planning security. The first analysis sketches, in a lucid manner, the amount of time and effort needed and the expected returns for customising electrical engineering processes. The second component of the package then delivers a distinct increase in efficiency by converting the analysis results into a consistent process, optimised across all the disciplines involved, using the database-driven Engineering Base (EB) platform.

The comprehensive package is rounded off by functions that accompany the whole organisation of the project, including its implementation, and creation of a client-specific process manual plus user training based on the manual for all the disciplines involved.

No niche solutions

Over 30 years of experience have taught Aucotec that genuine progress and worthwhile gains in efficiency cannot be achieved by optimisation in individual engineering niches, however effective that optimisation might be. The potential for optimisation is vastly enhanced by using a high-quality integrated engineering process. For this purpose the firm offers its extraordinarily consistent EB system, which permits collaborative working by all disciplines on a common database. The synergy that this creates eliminates multiple data entry, agreements and sources of error, in short, it saves a huge amount of time, which, thanks to a more uniform tool environment, also extends to IT.

From the initial overview through to commissioning

EB starts right from the plant overview - depending on the industry sector that might be a building plan, a flowsheet or load lists for upstream processes. Then comes the cable planning using single-line diagrams, detail planning for supply and control, cabinets, the layout of automation as well as the I/O assignment. Pneumatics and fluids are likewise integrated, as are manufacturing-related matters from parts lists, to cabinet layout through to equipping devices for wire harnessing or drilling and milling of mounting plates. As well as this, EB supports commissioning and also revisioning for later modifications - consistency built-in.

Aucotec at SPS IPC DRIVES 2013: Hall 11, Stand 320

If printed, we would appreciate receiving a copy. Thank you very much!
AUCOTEC AG, Oldenburger Allee 24, 30659 Hannover, Germany
Press and Public Relations, Johanna Kiesel (jki@aucotec.com)

Aucotec AG develops engineering software for the entire life cycle of machines, plants and mobile systems –



AUCOTEC - Press release

01 October 2013

with over 25 years of experience. The solutions range from flow diagrams via process control and electrical engineering for large-scale plants to modular harness design in the automotive industry. Over 40,000 Aucotec software systems are in use worldwide. Aucotec AG, with headquarters in Hanover, also comprises two additional German development centres in Frankfurt and Constance, four regional distribution and support branches as well as a global network of subsidiaries and partners.