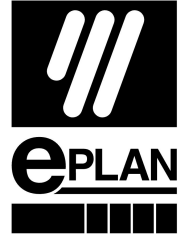


SIEMENS



EPLAN Cogineer y EPLAN Pro Panel en Siemens

Equipos de conmutación de alta calidad con diseños integrados

La estandarización obtenida con EPLAN Cogineer ahorra mucho tiempo a los ingenieros eléctricos de Siemens, al mismo tiempo que mejora la calidad y el diseño tridimensional de los paneles de control desarrollados con EPLAN Pro Panel, los cuales la empresa implementó al mismo tiempo. Como siguiente paso, Siemens también está planeando añadir servicios EPLAN basados en la nube para intensificar y simplificar la cooperación entre sus instalaciones de fabricación internacionales.



Caso de Éxito de Cliente





Waiting for the Cloud Solution

The Siemens electrical design engineers in Leipzig are currently planning to implement the use of ePulse, the cloud-based platform for electrical engineering that enables collaboration and access to all projects. Strusch explains why this is interesting for them: “We work closely with other Siemens facilities in several countries, including Portugal, China and Turkey. As the lead factory, we often take over the planning and some of the engineering for systems manufactured in these various facilities. The standardisation via EPLAN has already helped us quite a bit in this. If we could now connect to these ‘hubs’ on a common design platform, this would be a further step towards standardisation and also open up new opportunities for collaboration across facilities. We’re really looking forward to it, especially since we’ve already been able to test the cloud version as part of a development cooperation with EPLAN.” They won’t have to wait long: the corresponding cloud software eBuild should be available to users in June 2020.

Saving Time and Money

The Siemens engineers naturally evaluate very carefully the relationship between the effort required and the savings, both in terms of costs and throughput times. Strusch: “At the moment the planning phase partly requires more effort. This is due to the higher degree of detail in the electrical engineering designs. We used to sometimes be a bit faster with the schematics. But now the Cograener software is helping us with that, making up for any ‘lost’ time.”

The team reports that the workload for wiring has been significantly reduced: “Because the technicians receive fully labelled and assembled wires, we require up to forty per cent less time for wiring in some cases. The wires are a bit more expensive because they’re pre-processed, but the bottom line is that it saves us a lot of effort. Additional costs due to errors have also been reduced because of the quality improvements thanks to the automatic wire routing.”

Ongoing Self-Optimisation

Siemens views the introduction of Pro Panel and Cograener, which began in 2018, as an ongoing process that is not yet complete in terms of continuous self-optimisation. Pusch: “We provide a new Cograener release every month, which also incorporates feedback from engineering or modified device data. We then enter these changes centrally and have the advantage of not having to change or edit fifty macros.” The engineering department also benefits from this “installed” quality improvement: “If we receive information from production that a specification couldn’t be implemented, we adapt it directly in Cograener.” Those responsible for the project are also in continuous contact with EPLAN: “Things that we ask for are often taken into account and introduced as part of new functions.”



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