

Press release

21 February 2017

Integrating automatically:

Project Status Manager makes data exchange more secure in the engineering process

At the Hannover Messe (Hanover Trade Fair) 2017, Aucotec AG will be publicly introducing its new Project Status Manager for machine and plant design for the first time. The module of the database-driven CAE platform Engineering Base (EB) can both automate workflows within the system as well as exchange data with all types of external systems. The Status Manager ensures that the central documentation is always up-to-date and that versions are not confused. Interface handling and release mechanisms are greatly simplified, and the data quality is significantly increased.

"Integration competence is the key to being able to realize the concept of a complete digital twin in the engineering process," explains Uwe Vogt, Executive Officer for Engineering at Aucotec AG. For many years, the software developers have focused on the particular openness of EB - both for cross-disciplinary, collaborative work as well as for close connections to more specialized engineering or ERP tools. Vogt says, "We want planners, designers and project managers to always be able to use the optimal tool for the respective discipline; an all-round tool can only ever be a compromise."

Integration package: from 3-D to production

With its central data model, EB already combines inherently diverse disciplines, for example, basic and detail engineering, and simultaneously to boot. However, Aucotec's integration package also provides links to different ERP, 3-D or automation systems, as well as predictive maintenance, simulation or production.

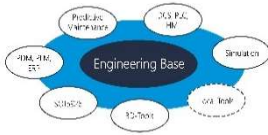
Here, Aucotec uses several integration approaches. A whole series of ready-made interfaces can be easily inserted via "plug and play", for example, for 3-D, PDM or ERP systems. Some links, for example, to the offline editing of EB data by suppliers with third-party systems, can be easily configured without any programming knowledge. There is also the option in EB of installing customized integrations such as web services for mobile maintenance, for example, via .Net. If necessary, Aucotec assists customers here with the necessary programming knowledge.

Forgetting about worrying about forgetting

"Openness for integration is crucial, especially in relation to Industry 4.0, but it is the automation of data integration which completes the solution," says Executive Officer Uwe Vogt. The new Project Status Manager, which can be adapted completely freely and thus in a future-proof manner to every workflow, achieves security and saving of time as a central management tool. "Users don't have to worry any more about forgetting steps or mixing up versions," according to Vogt. A large German machine manufacturer is already putting this tool into practice for data exchange with SAP.

Aucotec at Hannover Messe (Hanover Trade Fair): Hall 6, stand K 28

Links to the images*:



[Able to connect: EB's openness for all types of integration](#) supports the complete life cycle of machines and plants (© AUCOTEC AG)



[Safe: The Project Status Manager automates engineering workflows and data exchanges](#) (© AUCOTEC AG)



[Overview: Project Status Manager in Aucotec's platform Engineering Base](#) displays progresses (© AUCOTEC AG)



[Uwe Vogt, Executive Officer for Engineering at Aucotec AG](#) (© AUCOTEC AG)

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