



TGM Kanis opts for HiCAD

TGM Kanis Turbinen GmbH, a renowned plant engineering company specialising in the construction of reaction and impulse steam turbines, has recently decided to acquire the CAD system HiCAD. The Nuremberg-based company was founded by former employees of AEG Kanis, ABB Turbinen Nürnberg and Alstom Power Turbinen and is currently a 50% subsidiary of the TGM Turbinas Ltda. Its range of products and services runs the whole gamut from turbine layout, main design, planning and laying of pipelines including isometry creation to delivery, assembling and start-up. Such complex projects place high demands on a CAD system in many ways: Minimum system requirements are, besides efficient 3-D modelling, a wide range of special plant engineering functions.

Convincing products and services

Although TGM Kanis has been designing in 3-D for quite some time, no formerly used CAD system could entirely satisfy the company's requirements. In 2009, it was therefore decided to look for a more suitable CAD system. After testing the products of several suppliers, the ISD Group with its CAD system HiCAD eventually prevailed. Dr. Weidele, Chief Engineer at TGM Kanis explained: "Besides the functional aspects of the system, a direct and un-

complicated contact to the supplier was particularly important for us. The ISD Group as a German supplier with a subsidiary in the nearby Nuremberg fully convinced us through customer proximity and quality service. They knew exactly what we wanted."



Integrated industry-specific functions

In terms of functionality, too, HiCAD met the requirements in every respect. The HiCAD Plant Engineering suite offers extensive functions for layout planning, piping, isometry and P+ID generation. Numerous automatisms provide assistance during the design process, e.g. placing parts on sketched guidelines, separation of pipes or automatic changing of nominal pipeline diameters in case of pipe part replacements. Bills of Materials can be created at the push of a button, pipeline isometries are derived automatically. HiCAD eventually won the benchmarking also in terms of technology: "We are enthusiastic about the results achieved so far and are looking forward to a long and successful cooperation with the ISD", notes Dr. Weidele with satisfaction.

» IN BRIEF

TGM Kanis Turbinen GmbH

- Industry: Plant Engineering
- Software: HiCAD
- Products: Reaction and impulse steam turbines
- Location: Nuremberg, Germany
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