

Cutting Edge Plant Engineering

Headquartered in Bad Soden, near Frankfurt, Germany, **ITandFactory GmbH** provides clients with innovative solutions comprising software and process-oriented IT tools as well as the associated design concepts. The products range from plant design and engineering data management through factory and building technology planning, all the way to IT consulting services. The company is now set to adapt its products for P&ID to Microsoft Visio.

ITandFactory GmbH was formed on May 1st, 2007, as a joint venture of Indian enterprise Neilsoft Ltd. and German corpora-

complete engineering software solutions. The company holds a sixty-percent stake in ITandFactory GmbH.

location as well as another ten in India. Our interview partner for this feature is Georg Kremer, Managing Director: "It is interesting to note that we have doubled our staff count within the past two years". ITandFactory operates sales and support offices in Basel, in Switzerland, and St. Pölten, in Austria.



A project carried out for Julius Montz GmbH, a leader in chemical engineering

tion TRIPLAN AG. Neilsoft is a specialist engineering and technology services company focussed on enhancing its clients' product and project engineering efficiency, offering solutions for design and detailed engineering, engineering analysis, software development and testing, design automation, and electrical and controls engineering, as well as

Based in Bad Soden, in Germany, TRIPLAN provides high-tech engineering services for the construction of complex production plants, and boasts profound know-how in the chemical, petrochemical, pharmaceutical and biotechnology industries. ITandFactory GmbH resides at the TRIPLAN head office and employs forty members of staff at this

vendors. Essentially, we provide our clients with intelligent software solutions designed to assist them in planning their own or their clients' plants, for instance bio-ethanol plants, refineries, dairy facilities, compressor stations and so on."

Georg Kremer continues: "Our CADISON solution, a highly integrated product which accounts for 80% of our business, is capable of significantly shortening plant planning and construction times." To date, ITandFactory has sold more than six thousand and five hundred installations around the world. Aimed at streamlining and expediting project-planning processes, CADISON is the perfect solution for information interfacing and transmission issues, typically causing higher costs and lower margins for plant engineering companies. CADISON's object-oriented data model for the various application domains saves **engineers time and money** by intelligently integrating all planning phases. Furthermore, the software suite enables

ITandFactory's core competence covers the entire spectrum of requirements for an all-encompassing IT infrastructure, ranging from plant design and engineering data management - provided by the comprehensive CADISON software suite - through factory and building technology planning (TRICAD MS)

to IT consulting services. Georg Kremer reports: "We see ourselves as solution providers and system integrators, employing efficient tools which we have either developed ourselves or sourced from other

the capture of valuable information even during the initial client acquisition or tendering phase, so that the data collected can be made accessible to anyone involved in other project phases.

Integrated Digital Plant Model **CADISON**

Based on the widely used MicroStation CAD core system by Bentley Systems, TRICAD MS is an integrated CAD/CAE application for technical building equipment planning and plant engineering and construction. TRICAD MS comprises a range of individual modules for 2D or 3D applications and is aimed at engineering offices, executing construction companies and plant operators.

Since all solutions are designed to make tasks more efficient and profitable than ever before, clients who have decided to embrace these software offerings never look back. Georg Kremer relates: "We provide tools that

significantly boost the clients' competitiveness. They cherish the fact that they can put their trust in us."

The reference list of CADISON and TRICAD MS users includes names such as Borsig Membrane Technology, TRIPLAN, AIT Group Switzerland, Daimler AG, Gasversorgung Süddeutschland (a German gas utility corporation), Audi AG, Johnson Controls Denmark, BMW Group, Siemens, Veltins Breweries, Volkswagen AG, to name but a few. Some 10% of ITandFactory's annual turnover of currently 5.3 million Euros is generated in its export markets, the leading destinations being Switzerland and Austria.

ITandFactory presents itself through its very informative and comprehensive website, publishes product brochures and advertises in international trade journals. The Achema in Frankfurt is a key trade fair for the company. "In addition, we organise various in-house events and closely cooperate with the Fraunhofer Institute," says Georg Kremer.

As regards the future development of ITandFactory, our interviewee reports: "We intend to

achieve further integrative capabilities within our products, ensuring that access to all engineering-relevant data is guaranteed. Furthermore, we are going to strengthen our international activities. An entirely new market has recently opened up for us with Microsoft Office Visio - in addition to the existing compatibility, we are porting our solutions to Visio as we speak."



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