

INDUSTRY SOLUTION MACHINERY AND PLANTS

Develop machines and systems intelli- gently

Efficient value creation from one end of your engineer-
to-order/configure-to-order processes to the other

energizing great minds

 **CONTACT**
Software

The mechanical and plant engineering industry today is under pressure to meet practically every customer requirement. This means that the number of variants and thus complexity and costs are continuing to increase. Companies can however resolve this conflict between customer orientation and economic efficiency through the use of intelligent process patterns such as configure to order together with systematic digitalization of the processes and innovative service offerings.



Resolve conflict of goals between customer orientation and profitability

The solutions based on CONTACT Elements and the comprehensive set of software modules address the central challenges of mechanical and plant engineering: from smooth cross-company collaboration and accelerated development of smart products to agile yet reliable project processes and differentiation from the competition through digital service offerings.

Develop machines and systems faster

Manage development processes, from customer requirements to manufacturing engineering, digitally from end to end. Link systems and get to grips with the complex configuration and variant management inherent in your machines and systems. Optimize your solutions using closed-loop engineering through the systematic use of operating data.

Get to grips with complex projects and combine agility with reliability

Mechanical and plant engineering projects involve dozens or hundreds of employees from different disciplines working together within tight time and budget constraints. Ensure the success of these projects by combining traditional milestone

planning and agile teamwork. You can also take advantage of workflows and other options for digital collaboration. Comply with procedural standards, regulatory requirements and documentary requirements with significantly less effort.

Set yourself apart from the competition with a digital service business model

Interlinking your machines and systems offers great potential for making your service business even more profitable. Offer your customers enhanced availability and performance of their assets as well as easier access to spare parts procurement and retrofitting through systematic implementation of the digital twin concept. Get ready for new business models with pay-per-use billing.

Collaborate effectively with partners and suppliers

The development of complex industrial goods requires effective collaboration between a large number of different participants, often across organizational boundaries. The lower a company's manufacturing depth, the greater the focus on data sharing with partners and suppliers. Use solutions such as those for transmittal management to ensure that distributed teams always have the latest data available to them when working on joint projects and processes.

Success stories of our customers



Digital processes for a batch size of 1

With a workforce of over 6,000, Syntegon is a leading provider of process and packaging technology for the pharmaceutical and food industries. While still part of the Bosch Group, the system manufacturer decided to use CIM Database globally. Syntegon uses CONTACT's PLM solution to support the entire value chain from sales to service and to drive digitalization and automation of key business processes forward.



Consistent engineering change management

SIG Combibloc is a leading manufacturer of packs and filling machines for food and beverage. The company uses CIM Database for comprehensive MCAD and ECAD integration, as well as for 3D viewing and redlining. Other highlights include comprehensive system documentation, cross-discipline development processes with mechatronic BOMs and efficient compliance procedures. The bidirectional SAP interface synchronizes the development data and ensures end-to-end change processes.



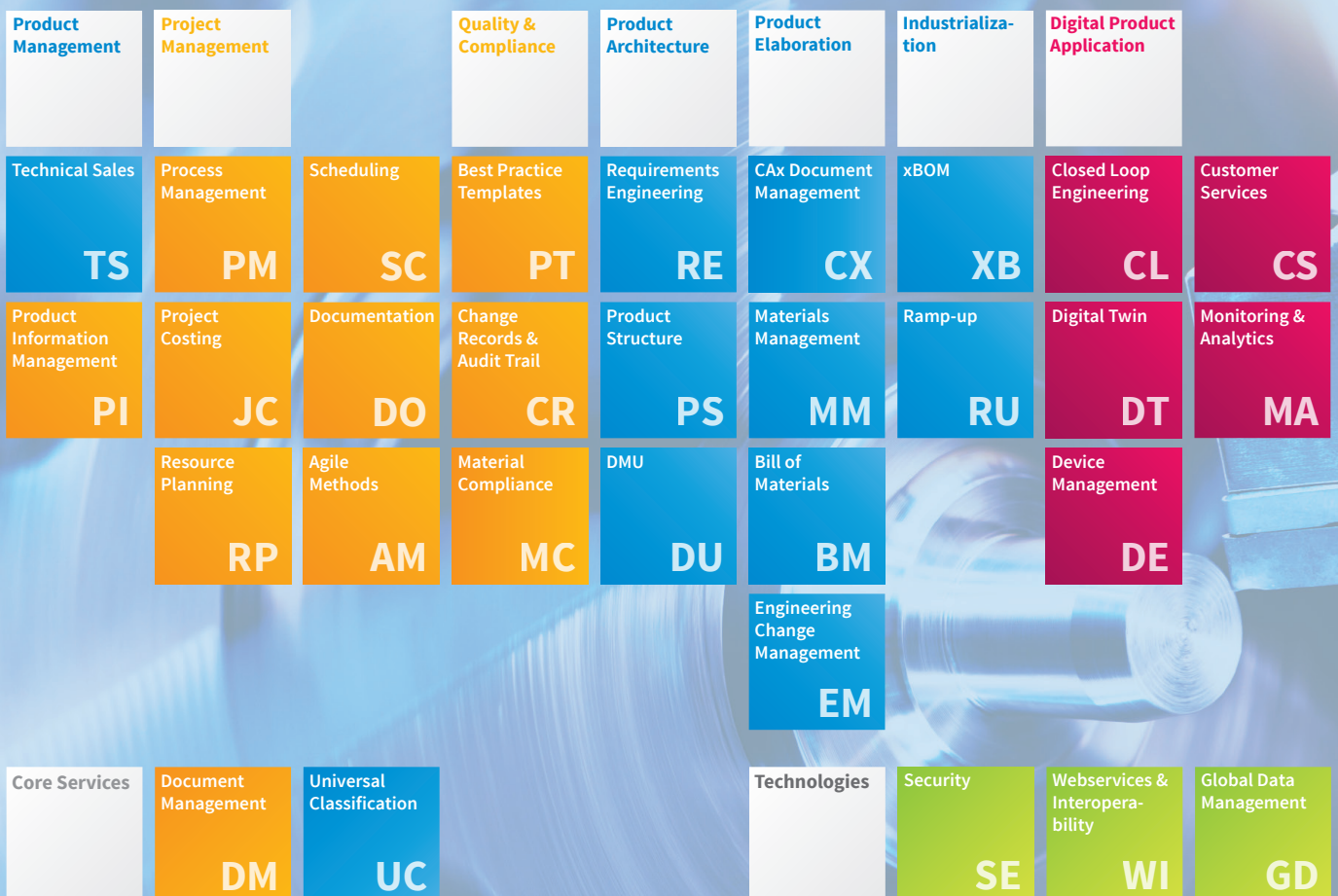
Faster processes from design engineering to order processing

The ANDRITZ Group is a leading supplier of equipment for hydropower stations and the pulp and paper industry. ANDRITZ METALS has been using CIM Database as a digital archive and for multi-CAD data management, technical changes and transmittal management since 2001. The advantages this offers include faster, end-to-end processes from design engineering to order processing, flexible project-specific process design and easy system adaptation.



Machine manufacturer impresses with digital customer service

MIXACO develops industrial mixers for food, paints and chemicals. The engineering company enhances its products with smart services. The foundation for this is provided by the CONTACT Elements for IoT platform, which was put into operation without any need for programming. It allows customers to monitor processes online, optimize the performance of their machines and take advantage of the benefits of predictive maintenance. MIXACO also offers its customers a higher level of system availability and faster service response times.



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