



Strong Supply Chains Thanks to Smart Data from the Factory – FORCAM ENISCO at Hanover Fair at SAP

- How smart manufacturing with SAP Digital Manufacturing benefits the entire supply chain
- FORCAM ENISCO as a partner of SAP at the Hannover Messe in Hall 15, Stand C19

Böblingen, April 2025 Which partners can supply us with raw materials? Why haven't my machines produced? How can we calculate storage and delivery dates even more precisely? In critical times, managing supply chains is a fine art for industrial companies. At [HANNOVER MESSE 2025 \(HMI\)](#), smart factory specialist [FORCAM ENISCO](#) will be showing at [SAP](#) booth how supply chains can be optimized when real-time data from production is integrated into SAP solutions (date: 31.03. to 04.04.25, Hall 15, Stand C19 / No. 14).

At the industry trade fair under the motto "Shaping the Future with Technology", the FORCAM ENISCO team will be presenting the application example for customized series production at the SAP stand in Hall 15. The virtual production of a car steering wheel will be demonstrated with the help of the SAP Digital Manufacturing solution and the integration of production data into downstream systems of SAP's supply chain management. Motto: "Optimize Your Production to Gain a Transparent Supply Chain." [More](#)

Oliver Hoffmann, Managing Director of FORCAM ENISCO: "In the current situation, resilient supply chains are the most important thing for internationally active industrial companies. They must be able to react quickly to new market situations. This can only be achieved with digitally controlled process chains. At Hannover Messe, we will be demonstrating how real-time production data in SAP Digital Manufacturing has a positive impact on all downstream systems in the supply chain."

Complex: customized series production of a car steering wheel

The production of a car steering wheel is typical of so-called customized series production – also known as "[repetitive manufacturing](#)" in the SAP world. It can be found in many sectors such as the automotive, electronics and mechanical engineering industries.

Features of customized series production:

- One main element - in the current example, the steering wheel body - is mass-produced.
- In finishing, on the other hand, customer-specific requests have to be produced in different batches - according to material, shapes, colors, knobs, levers, etc.

Organizing smart supply chains - with integrated SAP solutions

SAP provides a repertoire of solutions to optimally control every step of a supply chain. Central to this is the SAP Digital Manufacturing (SAP DM) shop floor solution.



The use case by FORCAM ENISCO together with its partner [BDF EXPERTS](#) demonstrates an end-to-end process of a digital twin at Hannover Messe - from configuration of the car steering wheel to planning and production to delivery of the finished batch to the customer.

Konstantin Lackmann, Vice President SAP Solutions at the FORCAM ENISCO Group: "Supply chains are like a relay race: from design, planning and production to sales and after-market service, everything has to run smoothly. With the digital production scenario of a car steering wheel, we are working with BDF EXPERTS to show how companies can successfully organize series production both in mass production and in customer-specific final assembly."

Creating the database – with the solution AC4DC

The basis for all applications: valid real-time data from machines and sensors. FORCAM ENISCO supplies the innovative "NextGen" solution for machine data acquisition for the simple digital networking of heterogeneous machine parks. Its name: [AC4DC](#)

The AC4DC software is based on microservices and also works in industrial micro PCs.

Advantages: The software reduces hardware costs, increases failure and cyber security and enables simple scaling via templates.

The added value of AC4DC at a glance:

- **Greater reliability** - thanks to data buffering in the event of network disruptions and the simple use of redundant hardware (cluster technology)
- **Increased data security** - thanks to the option of encrypting data easily and close to the machine (software runs on industrial micro PCs)
- **Fast connection** - accelerated digital machine connectivity thanks to standardized templates and a central control center
- **Simple scaling** - configuration and management of the machine connection centrally via the cloud with standard templates from a library



About [FORCAM](#)

The FORCAM ENISCO GmbH group of companies supports medium-sized companies and corporations in sustainably securing their competitiveness through smart manufacturing. FORCAM ENISCO's modular MES (Manufacturing Execution System) solutions and consulting services cover all stages of digital transformation in discrete manufacturing - from entry into data-driven production and automated control of complete production and logistics processes through to cross-plant and cross-border rollout. Customers include Audi, Bizerba, Daimler Truck Buses, IKEA, Jungheinrich, Siemens Energy, Swarovski Optik and Voestalpine. FORCAM and ENISCO employ around 150 people worldwide and are represented in the DACH region at locations in Böblingen, Heidelberg and Ravensburg. International branches are located in France, the USA, China and India.

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