

FORCAM and ENISCO: New product names underline close cooperation of MES suppliers

- Unique expertise for the entire production process in discrete manufacturing
- Clear positioning as MES provider (MES - Manufacturing Execution System)

Böblingen / Ravensburg, March 2023. To sharpen its positioning with customers, business partners and interested parties, smart factory expert FORCAM has changed the product names of the FORCAM FORCE family of solutions. This does not change anything for existing IT solutions at customers.

The new product names of the FORCAM FORCE solutions family:

- **FORCE EDGE CONNECT** (formerly: FORCAM FORCE EDGE)
- **FORCE MES FLEX** (formerly: FORCAM FORCE IIOT)
- **FORCE MES LITE** (formerly: FORCAM FORCE SAAS)

"We achieve two things with this measure," explains Oliver Hoffmann from the three-member FORCAM management team. "First, we sharpen FORCAM's positioning as an established provider of MES solutions for discrete manufacturing. Second, we underline the togetherness of FORCAM and ENISCO."

ENISCO and FORCAM have been reinforcing each other since 2020, when the Dietmar Hopp Foundation became the majority shareholder of both companies.

ENISCO's main product "**E-MES**" is a modular complete solution for entire manufacturing processes. The combined MES competence of both companies is now expressed in the new FORCAM product names as well as a fresh redesign for the website www.forcam.com.

Unique MES solution expertise for discrete manufacturing

"Both companies complement each other as MES and shop floor specialists," says Werner Gruber, member of the FORCAM management team. "Together, we can accompany our customers in discrete manufacturing at every stage of their digital journey towards the smart factory. That's what sets us apart from the competition."

Managing Director colleague Dr. Ullrich Ochs adds: "Our bundled MES expertise ranges from entry-level solutions to complex requirements - from pilot projects to support for entire production and logistics processes as well as rollouts across multiple plants and national borders."

In discrete manufacturing, both companies are experienced MES partners in both contract and batch production as well as customized mass production.

The joint MES offering as well as the competence as a silver and service partner of SAP are well received: First customer projects in the areas of energy and quality management as well as machine connectivity and manual workstations have started.

The FORCAM FORCE family of solutions at a glance:

EDGE CONNECT ^{FORCE} Smooth machine connection and uniform data model

FORCE EDGE CONNECT is a smart platform solution for machine connectivity that provides transparency in production. Systems in existing heterogeneous machine parks are connected smoothly. Old existing machines (brownfield) can be digitally networked retroactively, regardless of age and manufacturer. There is no need to invest in new machines.

Thanks to a smart plug-in concept, **FORCE EDGE CONNECT** collects signals from different sources and translates them into a uniform "language", a semantic data model. This can be made available to downstream MES and ERP systems as a uniform data source via a variety of communication protocols (OPC UA, REST, MQTT, Kafka). The integration of desired systems must only be done once; thus, time-consuming manual work is reduced. [Learn more](#)

MES FLEX ^{FORCE} Flexible MES platform to freely compose apps and solutions

FORCE MES FLEX offers manufacturing companies a flexible platform to increase the efficiency of their production lines and to sustainably support the continuous improvement process (CIP). The platform offers comprehensive MES function packages. They enable easy planning, monitoring and optimization of production processes. The offering ranges from detailed planning and document management to performance analysis (OEE), traceability (track and trace) and energy monitoring. **FORCE EDGE CONNECT** is responsible for the machine connectivity.

Predefined use cases enable a quick entry into smart manufacturing. Factory teams receive real-time and historical analyses in a short time and can flexibly align the ME system to their needs. Third-party MES and ERP systems are integrated quickly and conveniently via open interfaces. This creates the right solution architecture for every need. [Learn more](#)

MES LITE ^{FORCE} MES package solution for a quick entry into the Smart Factory

FORCE MES LITE is the right choice for medium-sized companies looking to get started with digital manufacturing. The solution offers two standard packages:

- Machine Availability
- Overall Equipment Effectiveness (OEE)

FORCE MES LITE makes it possible to achieve optimized results in manufacturing in a short time. All functions are provided standardized for on-premise deployment. An upgrade to the MES FLEX solution is possible at any time. [Learn more](#)

About FORCAM and ENISCO

FORCAM and ENISCO are IT pioneers of Industry 4.0: They support corporations and medium-sized companies in sustainably securing their competitiveness through data-driven production - Smart Manufacturing. The modular software solution world (MES - Manufacturing Execution System) as well as the consulting and services of FORCAM and ENISCO cover every stage of a digital transformation in discrete manufacturing - from the entry into the Smart Factory to the automated control of entire production and logistics processes as well as rollouts across plants and national borders. Customers include Audi, Bizerba, Borgwarner, Evobus, IKEA, Jungheinrich, Liebherr, Lockheed Martin, Swarovski Optik, Voestalpine. FORCAM and ENISCO, with 220 employees worldwide, operate in the DACH region from locations in Böblingen, Heidelberg and Ravensburg. International offices are located in France, the USA, China and India.

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