

FORCAM ENISCO Solutions in Action in The New Plant of Audi FAW NEV Company for e-Vehicles in China

- Audi milestone plant in China produces exclusively for the Chinese market
- Fully digitalized plant of Audi FAW NEV Company with entire value chain of production
- Software of Smart Factory specialist FORCAM ENISCO runs in press shop and paint shop

Böblingen/Ravensburg (Germany), February 2025. Smart Factory specialist FORCAM ENISCO is software supplier for the new plant of Audi FAW NEV Company in Changchun, China. The location has just started production and is a key strategy component of Audi in China.

The site is the first in China to exclusively produce fully electric Audi models based on the PPE platform, beginning with the Q6L e-tron family. The planned annual production capacity in Changchun is over 150,000 vehicles, making a key contribution to the electrification of the Audi product portfolio in China, and setting new standards across the Audi production network.

Major features: The eco-friendly plant incorporates the entire value chain of automotive production and is equipped with a press shop, body shop, paint shop, vehicle assembly and battery assembly shop. It is fully digitalized, using the cloud-based SAP S/4HANA as single IT architecture to share data throughout all maintenance, logistics, and manufacturing processes.

(See [Audi FAW NEV press release here, including images and video](#))

MES solutions of FORCAM ENISCO: top technology for every phase in production

In Changchun, the teams in the press shop as well as in the paint shop work with FORCAM ENISCO software solutions, so called “Manufacturing Execution Systems” (MES).

- In the press shop, the solution “[MES FLEX](#)” is responsible for data collection and analyses and finally the transfer to SAP via an exclusive framework for data integration in SAP/ERP (FDI4SAP).
- In the paint shop, which in general is characterized by complex processes i.e. to meet environmental standards, the “[E-MES](#)” solution is in place.

Oliver Hoffmann, Managing Director of FORCAM ENISCO, responsible for sales and marketing: „The new plant of Audi FAW NEV Company in Changchun is a milestone also for our company. We are able to demonstrate our unique selling proposition in a most important automotive market: In every phase of production, we can support companies with powerful software solutions like no other provider.”

Werner Gruber, Managing Director of FORCAM ENISCO, responsible for finance, adds: “Having more than 25 years of experience in discrete manufacturing, we are proud that Audi FAW NEV Company has chosen our advanced MES technologies in Changchun. Innovation is our tradition: Our solutions are designed to meet highest requirements for efficiency, quality, and environmental standards.”

Smooth communication with customer's and with third party systems

“We were able to prevail with our solutions against a number of well-known competitors,” says Reggie Wang, Managing Director of FORCAM Shanghai Software Technology Co. Ltd. “Our solutions at Audi FAW NEV Company demonstrate a seamless communication with both, customer systems and third party systems like SAP. I would like to thank all teams involved. We have all worked hard the last two years and we are pleased now that we were able to contribute to the punctual start of production in Changchun.”

- MES FLEX is a platform solution that serves as the central data hub of smart manufacturing for advanced requirements. The solution helps to analyze, plan, control, and optimize manufacturing processes. The modular solution can be flexibly adapted to individual needs and objectives. Special competencies: press shops, order- & small-lot manufacturing. [Learn more](#)
- E-MES ensures smart and transparent production and logistics processes. It networks the factory both horizontally and vertically, across all process levels. Due to its integrated data acquisition, analysis and display, it ensures consistently efficient production. Special competencies: paint shops, logistics processes, mass-customized production. [Learn more](#)

About [FORCAM ENISCO](#)

The FORCAM ENISCO GmbH supports medium-sized companies and corporations in sustainably securing their competitiveness through smart manufacturing. FORCAM ENISCO's modular MES solutions (Manufacturing Execution System) and consulting services cover all stages of digital transformation in discrete manufacturing – from entry into data-driven production to automated control of complete production and logistics processes as well as rollouts across plant and national borders. Customers include Audi, Bizerba, Daimler Truck Buses, IKEA, Jungheinrich, Siemens Energy, Swarovski Optik and Voestalpine. FORCAM and ENISCO employ around 200 people worldwide and are represented in the DACH region at the Böblingen, Heidelberg and Ravensburg sites. International branches are located in France, the USA, China and India.

Press contact:

Matthias Kasper

matthias.kasper@forcam-enisco.net

Mobil +49 (0) 160 / 9014 35 19

Sales contact:

customerrelations@forcam-enisco.net