

DP Technology to Unveil New Artificial Intelligence-Based CAM System at EMO Hannover

The California-based software company will introduce a new artificial intelligence-based CAM system at EMO 2019, a renowned international tradeshow for the metalworking industry.

Camarillo, CA (August 2, 2019)—Representatives from DP Technology, the makers of ESPRIT CAM system, will make a splash this year at EMO unveiling the newest version of their product—now featuring artificial intelligence.

Based in Hannover, Germany, EMO is an internationally attended tradeshow for members of the metalworking industry, including engineers, machinists, metallurgists, and others. 2019's conference will take place from September 16-21 and include more than 2,000 exhibitors. The conference attracts more than 100,000 attendees, half of whom are from outside Germany.

This year, DP Technology will unveil their new ESPRIT CAM system, powered by artificial intelligence (AI). The fourth-generation software uses a patent-pending AI engine to simplify the programming process for CNC operators and improve machine productivity on the shop floor. The system is machine-aware using a digital twin of the CNC machine, tooling, and fixtures to drive the AI engine. These new advancements, the result of 35 years of innovation, make this unveiling the most exciting product rollout in the history of the company.

"Our AI engine represents a fundamental change in the way CNC machines are driven," says Chuck Mathews, Chief Technology Officer for ESPRIT's parent company, DP Technology. "The new ESPRIT CAM system's AI machine-aware algorithms provide an exceptional user experience—simplifying programming, increasing tool life, and improving machine performance."

In addition to a simplified process, the new system boasts a number of new features. These include:

- Adaptive machining cycles, any combination of milling or turning on any machine tool
- Automatic links for collision-free positioning between operations
- Process optimization; The AI engine automatically sequences the program for the shortest cycle times
- Machine swap; When any changes are made to the machine or setup, the AI engine automatically updates the program

"In our opinion, it's the most significant advancement in the history of CAM," says Mathews.

EMO Hannover 2019 journalists and attendees eager to find out more about the new AI-powered CAM system can visit the ESPRIT booth at Hall 9, Booth D06.

About ESPRIT

ESPRIT® is a powerful CAM system for CNC programming, optimization and simulation — supporting the entire manufacturing process. With factory-certified post processors delivering machine-optimized G-code and ESPRIT's ability to solve unique challenges with automation solutions, ESPRIT is the smart manufacturing solution for any machining application. With world-class technical support, ESPRIT

empowers you to get started quickly and keep running at top efficiency. ESPRIT is the only CAM system you'll ever need.

About DP Technology Corp.

DP Technology is leading computer-aided manufacturing (CAM) solutions for high value-added parts and demanding machining applications. DP Technology is founded on the vision of technology's potential, powered by passion, guided by integrity, and committed to excellence. These core values are embodied in DP Technology's flagship product, ESPRIT - the world's leading CAM solution. DP Technology reinforces its commitment to technical excellence by dedicating 20% of its annual revenues to ongoing research and product development. This long-term focus has produced strategic technological advancements, spring boarding ESPRIT to its industry-leading position today.

For interview opportunities or additional information about DP Technology and ESPRIT, call +1 805 388 6000, email esprit@dptechology.com, or visit www.espritcam.com.