Press Release

ABB

Simplified Robot Programming for robotic painting without coding

A revolution in programming, ABB Simplified Robot Programming cuts programming time from hours to minutes, allowing even individuals without programming experience to create professional robotic paint programs easily.

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- **Motion tracking equipment:** Takes care of complicated coordinate mapping and motion tracking for you
- **ABB Teach Handle**: Resembles a traditional spray gun for familiarity and ease-of-use to copy natural motions
- **Paint programs easy to edit**: Balances ease-of-use with powerful code editing and verification tools in ABB RobView

ABB is pleased to introduce Simplified Robot Programming (SRP). This innovative technology combines the skill and craftsmanship of hand painting with motion tracking technology and software to automatically create robot programs for industrial paint applications that recreate the human painter's motions exactly.

"We are excited to provide our customers with this revolutionary new tool," says Steinar Riveland, ABB Product Manager, Paint. "Simplified Robot Programming is the only product capable of translating the fluidity of the human arm and wrist into a robot program. It teaches the robot to paint motion paths and angles with ease—and without need for in-depth knowledge of complicated coding skills. "

Using the ABB SRP Teach Handle, which resembles a traditional spay gun, the user squeezes the trigger to enable the paint commands and start the motion recording. Although the complicated calculations are handled by the software and hardware to create the program, all automatically generated code is fully editable in **ABB RobView**, including any changes requires to speed, accuracy and fluidness of motion.

ABB RobView is a proprietary PC-based commissioning and production tool which supports ABB robot systems. The software package includes an array of functions which allow users to operate and service one or more paint robots.

"Once the paint program is complete, the robot can begin painting," explains Riveland. "Controls in the software enable the robot to paint stationary objects, or those moving along a conveyor."

All ABB Robotics' products are fully supported by the ABB Robotics' global sales and service organization in 53 countries and over 100 locations.

Visit www.abb.com/robotics for further information.

Further information for editors:

ABB (www.abb.com) is a leader in power and automation technologies that enable utility and industry customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 145,000 people.

ABB Robotics is a leading supplier of industrial robots - also providing robot software, peripheral equipment, modular manufacturing cells and service for tasks such as welding, handling, assembly, painting and finishing, picking, packing, palletizing and machine tending. Key markets include automotive, plastics, metal fabrication, foundry, electronics, machine tools, pharmaceutical and food and beverage industries. A strong solutions focus

helps manufacturers improve productivity, product quality and worker safety. ABB has installed more than 250,000 robots worldwide.

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