

Latest version of ABB's robot controller software combines flexibility and productivity with an extensive toolbox for developers and broad communications capabilities

The world's leading robot controller software just got even better; RobotWare™'s open and future proof design increases productivity and delivers new application functionality in a familiar and feature rich environment.

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- **Installation Manager:** Makes software installation and the addition of new options seamless and easy.
- **Improved productivity:** Robot commissioning and installation is faster, jogging more responsive and restarts quicker
- **Robot Web Services:** A new interface allows users to connect from any device, regardless of operating system.
- **Sensor Integration:** A fast interface between robot motion system and external sensors allows previously unthinkable operations

ABB is pleased to introduce the latest version of its robot controller software, RobotWare 6. The updated software affords manufacturers greater flexibility and reliability together with an extensive toolbox for developers and a broad range communications capabilities. When combined these enhancements improve the programming and control of robotic systems and equipment; all without sacrificing ABB's unique brand of motion control and safety.

One key development in this version of RobotWare is in the area of installation. The addition of **Installation Manager** vastly improves robot set up time and system reconfiguration thanks to a flexible licensing mechanism and new and intuitive user interface.

"This release of RobotWare is the biggest for developers since the introduction of IRC5 in 2004," says Henrik Jerregard, Global Product Manager for Controllers. "Sensor and modern programming interfaces together with tablet and smartphone integration are all examples of the many powerful tools now available from RobotWare."

Another new, powerful feature found in RobotWare is **Externally Guided Motion**, or EGM. With the aid of external sensors operators have more precise control over a robot's motion. The new functionality also allows integrators to further optimize cell design and production flows. The sensors provide ways to input absolute positions and the ability to modify the path. Paths can be updated every four milliseconds with a controller lag of between eight to 20 milliseconds, depending on the type of robot.

"RobotWare 6 also includes an extensive toolbox which gives you access to deep kernel features and functionality. This allows for the creation of tailor-made robotic applications and solutions," adds Jerregard.

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

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Press Release



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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