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OCTOPUZ Inc. Announces Strategic Offline Robot Programming Partnership with RobotWorx

OCTOPUZ Inc. will now offer its Offline Robot Programming (OLRP) software through an enhanced partnership with RobotWorx – a leading robotics solutions integrator with over 25 years of experience.

Waterloo, ON: OCTOPUZ Inc. has announced a strategic partnership with RobotWorx, an Ohio based company which focuses on quality industrial robotic solutions and customized integration. The new collaboration will allow [OCTOPUZ](#) to directly support and enable the expansion of [RobotWorx](#) service offerings into Offline Robot Programming. While traditional robot programming requires downtime and manual manipulation of a teach pendant, OCTOPUZ provides a better solution. OCTOPUZ enables path-sensitive, complex robot applications to be programmed without disruption to the manufacturing process.

How it Works

Users create detailed virtual simulations of their real-world robot cells, complete with machinery and manufacturing components, in minutes. Within this virtual cell, OCTOPUZ uses built-in machine logic to automatically identify the optimal toolpath trajectory and program the required code for a multitude of industrial tasks. The code is then accurately converted to the robot brand's unique language for use in the real world.

OCTOPUZ removes the traditional limitations of robot automation by enabling robot programming to be completed virtually, on a computer, while the robots are still online and working for you.

Maximize Robot ROI

RobotWorx is excited to provide this new solution to its existing and new customers with several benefits:

Simplify toolpath programming - An Intuitive, user-friendly software interface enables non-experts to confidently program complex robot applications. Program through import from CAD or CAM software or natively in OCTOPUZ.

Automatically detect and avoid errors - Quickly resolve potential toolpath errors including singularities, joint limits, reach limits, and collisions.

Validate robotic processes through simulation - Ensure the robot will perform tasks as expected through start-to-finish simulation.

Program and post multi-robot cells - Program, simulate, and generate code for multiple robots in a single cell.

Single platform for all robot brands - Extensive component library with support for many robot brands in any configuration.

Support for all robot manufacturing processes - Support for welding, machining, cutting, spraying, additive, and everything in between.

Reduce production downtime - Reprogram new robot functions in hours rather than days, without ever taking the robot offline.

To learn more about this exciting new partnership, consult with a [RobotWorx Applications Engineer](#) or [book a customized demo of OCTOPUZ](#), to learn how you can transition from a traditional teach pendant to offline robot programming today.

If you would like more information on this topic, please call +1 (519) 496-5376 or email info@octopuz.com

About OCTOPUZ Inc.

For the past 15 years, OCTOPUZ Inc. has specialized in the design, development, implementation, and customization of superior Offline Robot Programming (OLRP) software for industrial robot applications.

Our focus is to provide an industrial robot software solution that not only enables companies to reach a higher level of efficiency with their processes but also opens opportunities for them to enter new markets and expand their business potential. OCTOPUZ Inc. was built on the concept of taking complex robotic programming and making it simple.

About RobotWorx

RobotWorx offers high quality new and reconditioned industrial robots, parts, systems and integration for both large and small companies throughout the United States, Canada, Mexico and Australia. They have over 25 years of experience integrating robotic systems for a large variety of applications. They are an official FANUC Authorized System Integrator, Yaskawa Motoman Solution Provider, ABB Robotics Integrator, and KUKA Robotics System Partner.