



SCIENCE & ENGINEERING

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Machine Vision, Robotics and Automation

Manufacturers are realizing the importance of automation within their operations to deliver repeatable, quality products, on time, and on budget. RPC offers services that can help your business get to the next level.

Machine Vision

Machine Vision as an integral part of a manufacturer's process for ensuring quality products that meet specifications.

Machine vision can be used for:

- measurement applications,
- inspecting parts for flaws or defects,
- proving location for pass reject stations or pick and place applications using robots,
- part/label identification using QR codes, bar codes, readable characters.

RPC works with manufacturers to implement machine vision into their current operations to improve product quality and reliability.

Robotics

Robots are becoming a much more affordable resource for manufacturers. Robots can be used to improve the accuracy and speed of processes, as well as improve throughput on mundane tasks, freeing up your workers to deal with more technical operations. Some applications include:

- pick and place applications,
- palletizing.

RPC can work with clients to develop a robotic solution that will improve process speed and accuracy.

Automation

The heart of most factories lies in automation. Automation can be used to implement a variety of tasks. Using items such as Programmable Logic Controllers (PLC), valves, cylinders and other actuators, RPC can add functionality to, or improve, your current process.

Contact

Whatever your requirements, RPC has the knowledge and ability to combine all three disciplines, Machine Vision, Robotics and Automation, into a comprehensive solution that will meet your needs, and your budget. Contact us for more information.

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RPC's Quality Management System is registered to ISO 9001:2015.

www.rpc.ca

