



Deliver faster, work smarter, and constantly improve quality control

Combining technology and service solutions to make your job easier

IntegrYS is committed to finding and bringing you the newest, most advanced industrial technologies, and verified applications. With 50 years of experience, we are leading the way in engineered solutions that work for industrial automation in Canada.

IntegrYS is the industry leader in selecting and evaluating new embedded, high availability computer and imaging technology for industrial applications. The IntegrYS “seal of approval” is your assurance of proven value.

Machine vision takes the guesswork out of quality control, determining yield, and automating assembly. IntegrYS is the acclaimed expert in industrial imaging applications. Whether you need to ensure uniform grains of sand, or isolate broken cookies, quality control has never been so...well, controlled.

Interfacing machine vision with robotics enables aligning parts automatically for assembly. This increases speed, efficiency and quality at once. Sometimes a process is so quick you can't determine the root cause of failure with accuracy. IntegrYS has extensive experience with high-speed imaging, into the 100,000s of frames per second. An image can be worth a thousand sensors—and give a deeper understanding of your process. IntegrYS has consistently demonstrated imaging use to determine maximum yield from raw materials such as lumber and leather.

Typical imaging challenges include capture, storage, transmission, lighting, speed of line, number of parts, fields of reference...the list goes on. This is why IntegrYS' knowledge base of machine vision and imaging technology is so valuable in solving these challenges together with your customized solution. A solution which advances your business. We'll help you get more product to market sooner, with an eye on continuous improvement the whole time.

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Imagine using your office PC while wearing gloves. Or washing it down with a hose.

Integrys offers a wide range of services for industrial applications:

Solution Implementation

- Integration with existing proprietary systems
- High-level technology road mapping
- Compliant testing and validation
- Implementation support
- Post-application support

Engineering Support

- On-site support
- COTS replacement components
- Custom engineering
- System integration

Service Support

- Guaranteed replacement
- Regular maintenance

Documentation Support

- Certification services
- ISO compliant documentation
- Version control

Supply Chain Support

- Inventory/supply chain management
- Vendor management

Factory floor performance of your system has its own unique set of challenges. Dust, debris, and hard knocks top the list. As well, the human-machine interface needs to be simple, fast and foolproof. Maybe only operated by people wearing gloves. And if you wash it down with a pressure hose, our customers expect it won't miss a beat.

Industrial grade systems have been our specialty for 50 years. Some equipment produces enough vibration to kill a standard PC in a single day. Add the complexity of dust, heat, humidity and static electricity.

Integrys will design a system for you which meets all your challenges—and most importantly keeps you up & running. Reliability is critical in manufacturing systems. You can't cancel a shift because a panel needs an upgrade. We help you manage regular maintenance and emergency service. Integrys works only with dependable suppliers and offers supply chain management to ensure in-stock, on-site replacement of critical components.

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