



OVER 50 YEARS OF EXPERIENCE GIVES US THE STRATEGIC INSIGHT AND TECHNICAL SAVVY TO HELP YOU SUCCEED

- VANCOUVER
- CALGARY
- TORONTO
- OTTAWA
- MONTREAL



INTEGRYS

Connecting Technology & Innovation

IntegrYS is the trusted source of embedded, industrial computing, imaging technology, engineering know-how and local support for telecom, aerospace, healthcare, defence, manufacturing and transportation.

IntegrYS is solution-focused

We work closely with leading manufacturers and actively seek ways to migrate proven transformational technology to new sectors. When it comes to the technologies that drive your business, we think ahead—so you don't have to. We connect technology and innovation.

SPECIFIC STRENGTHS

Integrlys is the industry leader in selecting and evaluating new embedded, high availability computer and imaging technology for demanding markets and applications. The Integrlys “seal of approval” is your assurance of proven value. Given our 50-year history and wide range of clients, Integrlys is well-positioned to tackle many computing and imaging challenges. Over our 50+ years, our in-house engineering team has developed specialized strengths:

IMAGING & VIDEO SYSTEMS: A specialty at Integrlys. Vision systems enhance performance, yield and quality control. Imaging systems help our cities manage traffic, help our law enforcement agencies find stolen vehicles. Imaging systems scan our terrain, map our geography. Imaging systems often provide eyes where human lives can't be risked. And our imaging know-how extends well into the harshest environment. Video systems requirements in harsh environments are an Integrlys specialty.

RUGGEDIZATION: Many client applications have extreme performance requirements: vibrations that would destroy a standard PC in a day, dust and spatters, temperature variations beyond reason, the need to withstand pressure hose washing. Integrlys systems routinely shrug off shock, vibration and pressure change in land, sea and air deployments. Integrlys designs, installs and services systems like this daily. Harsh environment, embedded and industrial computing is another Integrlys specialty.

LEAPFROG TECHNOLOGY: We help clients in fast-moving sectors gain competitive advantage when they leapfrog generations to adopt technology. Clients count on us to focus on their evolving technological needs—so they can focus on their businesses.

CROSS-SECTOR MIGRATION: We often solve challenges in one industry by adapting proven solutions developed for a completely unrelated business, often in a different sector. This insight comes from exposure to a wide range of technologies, applications and industries.

RELIABILITY: You don't get to be over 50 years in the high tech business unless clients can count on you. We're about reliability. We design it into the solutions. We guarantee it in our supply chain. We ensure it with technical support. We know that profitable business depends on it and our customers depend on us to deliver it.



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WE EXTEND YOUR BUSINESS

If you rely on technology to run your business, or to save and protect lives—consider these five advantages Integrlys offers as your solutions provider:

1 > Faster to Market: We focus on the technical logistics, so you can focus on what you do best, and not spend valuable time sourcing, documenting, ensuring compatibility and managing system platforms.

2 > In-house Engineering Design: In addition to access to manufacturer support and development resources, Integrlys has an in-house team that's creative, on-tap, agile, focused on specific solutions and able to integrate multiple technologies. Our engineers take on entire projects or tackle specific issues. Our breadth of products and technologies, coupled with our engineering expertise in computing and imaging allows us to connect technology and innovation delivering real value.

3 > Tailored Technical Support: We design custom support programs for any combination of configuration & assembly, test/validation, implementation and preventative and on-call service. Choose on-site, depot service or guaranteed turnaround replacement.

4 > Minimize Supply Chain Disruption: A secure, well-managed supply chain reduces investment, avoids unnecessary obsolescence and responds to changing demands better than a traditional inventory. At Integrlys we don't just ensure availability. We work with you to plan ahead to control obsolescence costs and speed the integration of new technologies.

5 > Eliminate Documentation Hassles: Subject to certification and regulation by multiple jurisdictions? Need to reduce recertification costs every time platform technology adjusts? Version control and regulatory compliance require robust systems – not constant change and subsequent recertification. Our full version control capabilities and documentation processes extend naturally to support audits, certifications, rights management and licensing.

WHAT SETS INTEGRYS AHEAD OF THE REST IS OUR ABILITY TO SEAMLESSLY INTEGRATE THE DIVERSE LAYERS OF PROVEN TECHNOLOGY AND SERVICES INTO ONE-STOP SOLUTIONS.



Leave the engineering solutions to us so you can focus on your business.

WE UNDERSTAND SECTOR DEMANDS

Distributors and manufacturers' reps struggle to get up-to-speed on a specific industry. Some of them understand product, not applications. Others act solely as supply chain fulfillment. Integrys adds the additional value of having gained engineering experience in many sectors:

MEDICAL

Everything in a hospital gets cleaned regularly – usually with a spray bottle of disinfectant and a cloth. An IP 67 rating on equipment ensures it's dustproof and spatter proof. And designed for longevity with minimum maintenance, so it doesn't have to be re-certified with every software upgrade. Equipment needs to be able to capture and store data—often times including CPU intensive video—in the multiple formats used by hospitals around the globe. We offer solutions complete with ISO 13485 and other documentation to stringent healthcare standards. Integrys understands healthcare technology challenges and provides many healthcare OEMs, system integrators and medical device manufacturers with high quality computing and imaging products and solutions.

TELECOM

Telecom manufacturers face significant software challenges. They need to add the features demanded by a tech-savvy market. New technologies such as Voice Over IP can stress existing architectures. What they don't have time for is managing their host computing systems through component obsolescence, industry certifications, and future-proofing. The same applies to compatibility issues with client supplied platforms. This is where Integrys shines—providing and managing platforms and telecom specific technology which allows our customers to shine.

AEROSPACE

Integrys is committed to finding proven advanced technologies and ensuring they work seamlessly with non-standard and legacy systems. We'll provide solutions to help you incorporate new technology at reasonable cost. So you can transition to compliant current standards & solutions, while still managing your budget. Integrys can also pull together the demanding architecture to display and record ultra-throughput interlocked video systems for real-time display & record environments. Integrys has unparalleled expertise serving the imaging and computing needs of the Aerospace market.

DEFENCE

Rugged environments and simplicity of use are not what you might expect from the most advanced technologies. Integrys specializes in selecting and integrating proven solutions designed to provide superior performance in hostile environments. We understand the need for redundancy and distributed processing, in high throughput real time imaging and video applications. Integrys routinely conforms to global military and aerospace certifications and acceptance testing. We understand MilSpec—we provide it, we live it, Integrys serves the defence community with specialized video, imaging, computing and display products and solutions.

MANUFACTURING

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. Industrial grade systems can even be washed down with a pressure hose. Machine vision takes the guesswork out of quality control, determining yield, and automating assembly. Integrys is the acclaimed expert in industrial imaging applications. We'll help you get more product to market sooner, with an eye on continuous improvement the whole time.

TRANSPORTATION

Transportation applications are challenging and customers often require support for many long years with minimal maintenance. Rain, sleet, snow and ice are bitter enemies of transportation electronics and Integrys knows how to mitigate environmental effects. Intelligent transportation systems monitor traffic flow, read license plates, re-direct traffic and are critical to the people who use our streets and highways. Integrys specializes in gathering large amounts of disparate I/O from multiple sources at traffic intersections, processing and re-routing back to a control centre.

Integrys offers a comprehensive range of support services, tailored to client sector and application:

Solution Implementation

- Needs assessment
- Solution design
- Configuration
- Development and assembly
- Version management & quality control
- Integration with existing proprietary systems
- High-level technology road mapping
- Compliant testing and validation
- Implementation support
- Post-application support
- Project management

Legacy System Support

- Configuration & analysis,
- Test & validation
- Integration with new systems, protocols & formats

Engineering Support

- On-site, depot or bank-of-hours support
- COTS replacement components
- Custom engineering
- System integration
- Obsolescence management

Service Support

- Guaranteed replacement
- Regular maintenance, depot or on-site
- Scheduled switchover

Documentation Support

- Certification services
- ISO audit & documentation services
- Intellectual property management
- Version control

Supply Chain Support

- Inventory/supply chain management
- Vendor management
- Expedited Services
- Guaranteed inventory



Technology from Integrys

EMBEDDED SYSTEMS

- System-on-module technology—
ETX, PMC, AMC
- VME, cPCI boards, uTCA
- Enclosures, platforms
- COTS single board computers
- Embedded platforms
- Medical grade platforms
- Data gateway
- Multi-function I/O

COMPUTING

- uTCA, ATCA, VME, cPCI, PCI and PXI
based boards and platforms
- Chassis/enclosures
- Cart based
- Point of care terminals
- Rackmount servers
- Touch panel computers
- All in one workstations
- Solid state drives

COMMUNICATIONS

- Avionics data buses
- Can bus
- Radar receivers
- Industrial switches
- Remote distributed I/O
- IP blades
- VOIP, PSTN, SS7 Boards
- Sonet, T3/T1/E1/J1, Analog SL, LS
Network Interphase
- MIL-STD-1553 ,ARINC 429, 708,
717, etc.
- Network signaling
- VoiceXML
- Packet processing
- Wireless
- Voice recognition
- Switching, gateways, fax &
conferencing

DATA ACQUISITION & CONTROL

- Data acquisition boards
- Ethernet, USB, firewire I/O
modules
- Media convertors
- Remote distributed I/O

MILSPEC POWER & I/O

- Input/ output
- Motor control
- Multi-function I/O
- Radar receivers
- Radiation tolerant
- Conduction cooled

MEASUREMENT

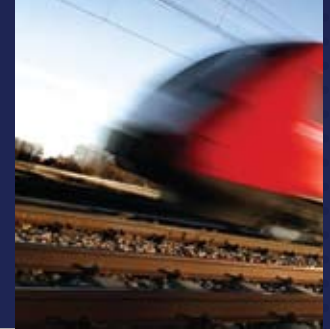
- Phase angle voltmeters
- Angle position indicators
- Phase measurement
- VXI/PXI instruments
- Sync resolvers

IMAGING/VIDEO

- Cameras
- Frame grabbers
- Lens
- Cables
- Filters
- Extenders
- Encoders
- NVRs/DVRs
- Image processing software
- Video processing
- Image processing boards
- Display wall solutions

DISPLAYS

- Rackmount
- Maritime certified and MilSpec
displays
- Heads-up/stowable
- Smart panel computers
- Touch panel computer
- Point of care displays
- Display wall solutions



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INTEGRYS IS THE INDUSTRY LEADER IN SOURCING AND
EVALUATING NEW EMBEDDED, HIGH AVAILABILITY RUGGED
COMPUTING AND IMAGING TECHNOLOGY. THE INTEGRYS
“SEAL OF APPROVAL” IS YOUR ASSURANCE OF PROVEN VALUE.