



You don't throw away a \$20 million jet because the new digital altimeter doesn't fit

We'll provide solutions to help you incorporate new technology at reasonable cost. So you can transition to compliant new technology while still managing your budget.

Combining technology and service solutions to make your job easier

IntegrYS is committed to finding the newest, most advanced technologies and ensuring they work seamlessly with non-standard and legacy systems. With 50 years of experience, we are leading the way in engineered solutions for Canada's—and the world's—airspace sector.

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

Ever fly in a forty year old jet and wonder what they have for a flight computer? Or instrumentation? This is one of the major challenges for the aerospace industry—vehicles are expensive enough to be engineered to last many decades. And when something needs replacing or updating, IntegrYS should be the first call. We understand the requirements for new sensors, displays and control systems to work with legacy architecture.

Even with today's current miniaturization abilities, managing unique form factors is a challenge. IntegrYS adapts existing proven technology to custom requirements for footprint, connections, and data transmission. We'll test it to aerospace stress standards. And we'll work with you to ensure your certifications are well-documented – and don't need costly recertification except at planned checkpoints.

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Proven high-speed/high volume imaging solutions that make HD look like cave drawings

Integrlys offers a wide range of aerospace services:

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

The world's top flight simulator has wraparound, high resolution displays, which must react in real-time to flight controls. Challenge enough all by itself, but there are critical layers of complexity to add. Every nudge of these controls is recorded in the visual flight log, which must not only register instrumentation, but full pilot video—also in high-res.

This hall of mirrors configuration was designed by a Canadian aerospace manufacturer to be the pinnacle of aviation training. They called on Integrlys to pull together the demanding architecture which can display and record ultra-throughput interlocked video systems.

Video servers may now be commonplace, but they usually don't handle this sheer volume of video data—and have instantaneous response time requirements. Integrlys designed the powerhouse architecture which allowed our customer to focus on what they do best – flight simulation environments.

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