Integral

APPLICATION MODERNISATION

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Modernising applications for agility, cloud power, and smart algorithms.

Integral specialises in modernising outdated systems to improve business processes and enhance customer, citizen, and staff experiences. Modernising applications is crucial for achieving digital transformation and business agility.

Application modernisation benefits

Automate business operations and processes

Speed up systems

Eliminate redundant functions to save on costs

Improve the experience of everyone involved

Help reduce data errors or data loss

Mitigate risk, improve security and resiliency

The 6 R's: 6 common Application Migration Strategies

There are now 6 common Application Migration Strategies (Gartner's original 5R's were coined as far back as 2011). The options for modernising your technology applications and related operational processes include:

1. **Rehost:** Move to new infrastructure without code changes.

2. **Replatform:** Change runtime platforms with minimal code changes.

3. **Repurchase/Replace:** Eliminate and replace the application. Improve existing code.

4. **Refactor/Re-architect:** Re-imagine how the application is architected and developed, typically using cloud-native features.

5. **Retire:** As it says, this option means you simply turn this application off after determining it is no longer needed by the business.

6. **Retain:** After doing your analysis you may determine that for now, the current platform can be retained in its current state - revisit it later.

We can help develop a migration and modernisation strategy, and with our partners, we can accelerate and automate the process. Here is how:

Migration to Cloud:
Offers scalability, flexibility, and cost-efficiency. It enhances infrastructure and streamlines operations.

APIs:
Enable different software systems to communicate and share data seamlessly.

Microservices:
Break down applications into smaller, independent services for faster updates and better resource utilisation.

Containers:
Provide a consistent environment for applications across different computing environments.

DevOps:
Improves collaboration, streamlines workflows, and accelerates new features and updates.

Security:
Automated security testing, continuous monitoring, and incorporating security into the development lifecycle.
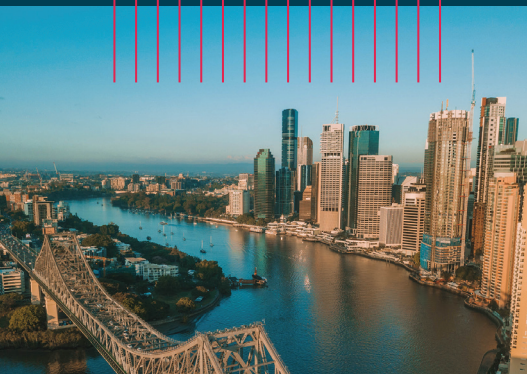
Artificial Intelligence (AI):
Enhances applications with advanced data analytics, automation, and personalised user experiences.

Application Development:
Focuses on agility, user-centric design, and continuous improvement.

We have helped many clients with their Application Modernisation needs, and you could be next.

Titles Queensland

Titles Queensland partnered with Integral to enhance land registration systems, ensuring transparent and accurate property records. Our research revealed best practices and emerging trends, enabling Titles Queensland to transform land tenure management for the digital age.

Griffith University

Griffith University partnered with Integral to modernise its student management system, migrating to a cloud-based platform. This transformation streamlined processes, improved data accessibility, and enhanced the user experience for students and staff.

NTI

NTI collaborated with Integral to modernise its core business systems, achieving greater flexibility, improved data management, and seamless integration. This modernisation provided a robust foundation for future growth and innovation.
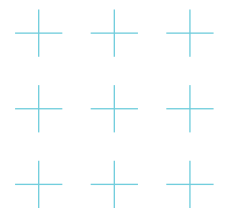
Federal Government

Integral partnered with Federal Government agencies to modernise and secure their critical infrastructure systems. Our approach involved providing program architecture and lead architecture capability to guide the transformation. We enhanced data management capabilities, streamlined operational workflows, and implemented advanced security protocols. Our efforts in project migration ensured seamless integration and robust, resilient, and highly efficient services, supporting the government's mission to provide reliable and secure operations across various departments.

Goodstart Early Learning

Goodstart Early Learning partnered with Integral to upgrade its digital infrastructure. Our modernisation strategy included cloud migration and enhanced data management, improving educational and administrative processes.

By partnering with Integral, these organisations have successfully modernised their systems, demonstrating our expertise in delivering impactful and innovative technology solutions.

Go to **www.integral.com.au** to see more case studies.

Your brand, business, and technology challenges and initiatives. Our expertise and experience. **Together we create better.**

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