

ENTERPRISE ARCHITECTURE & INTEGRATION

LOTTO NZ &

CODE COUNSEL

CLIENT PROFILE

Lotto New Zealand is the state-owned lottery operator, functioning as a critical pillar for community funding across the nation.

Operating a massive, multi-channel retail and digital ecosystem, Lotto NZ processes millions of secure transactions weekly.

To support highly anticipated nationwide draws, the organisation relies on robust backend systems capable of processing immense volumes of traffic securely, seamlessly, and instantaneously.



STRATEGIC CHALLENGES

HIGH-STAKES INFRASTRUCTURE



Supporting massive concurrent user loads during major jackpot draws required resilient architecture capable of scaling instantly without failure.

ZERO-DOWNTIME MANDATE



Operating live gaming engines demands absolute operational resilience. Downtime is not an option when processing time-sensitive national transactions.

LEGACY TECH MODERNISATION



Navigating the complex integration of modern workflows into legacy platforms, specifically harmonising the MuleSoft and Salesforce tech stack.

TECHNICAL CONTINUITY



Sustaining daily backend system operations while internal engineering teams focused their efforts entirely on new gaming engine launches.

MANAGED SERVICES

Code Counsel stepped in to assume comprehensive operational control, providing specialised leadership and robust monitoring.

SYSTEM HEALTH MONITORING



Providing relentless oversight across CRM and enterprise ERP ecosystems to proactively identify and resolve anomalies.

INTEGRATION LEADERSHIP



Serving as the core MuleSoft Lead, taking charge of architectural strategy, API lifecycle management, and critical instance upgrades.

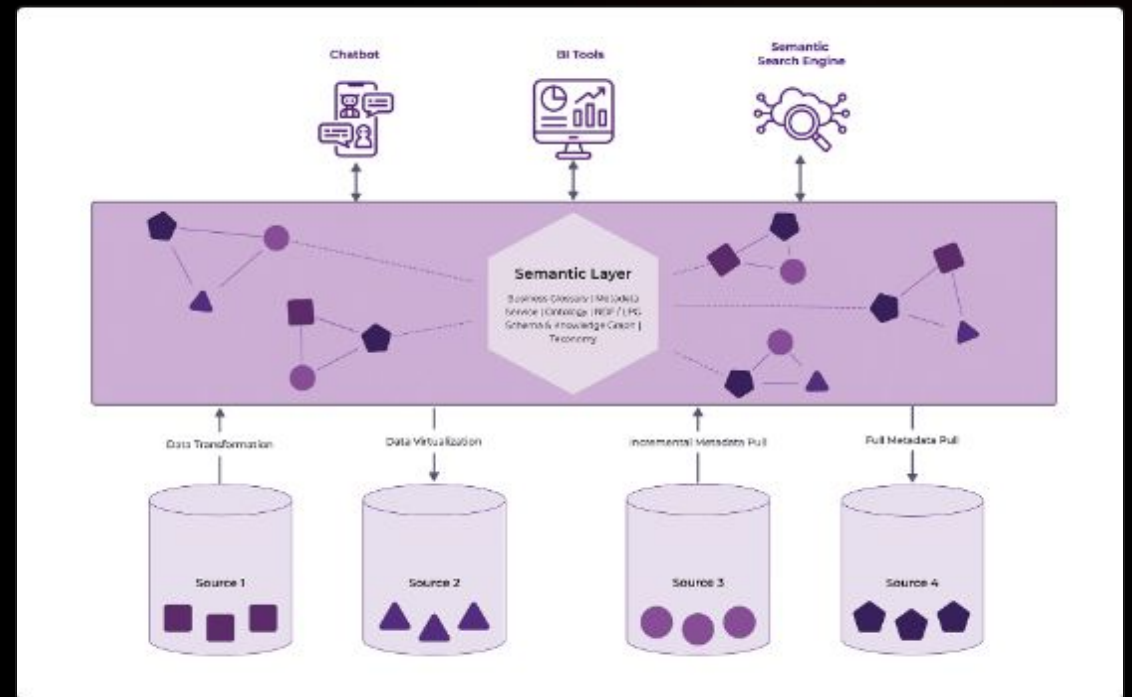
VENDOR SYNCHRONISATION



Orchestrating seamless communication and technical alignment amongst diverse external technology providers to guarantee cohesive operations.

CORE IMPLEMENTATION

- > **MuleSoft Optimisation:** Performed critical upgrades and bug fixes to stabilise the entire middleware layer.
- > **Strategic POCs:** Built complex architectural Proof of Concepts to validate new capabilities prior to enterprise rollout.
- > **Incident Support:** Directed high-level management for complex security incidents and aggressive deployment schedules.



SECURITY & RESILIENCE

Ensuring the absolute integrity of Lotto NZ's digital assets through proactive monitoring, robust defence protocols, and vigilant management.

- > Safeguarding high-stakes deployments
- > Incident management during peak traffic
- > Enforcing a zero-downtime architecture focus



MANAGED SERVICES **EXTENSION**

To secure the future scalability of Lotto NZ's platform, our engagement expanded into structural workflow improvements.



PIPELINE OPTIMISATION

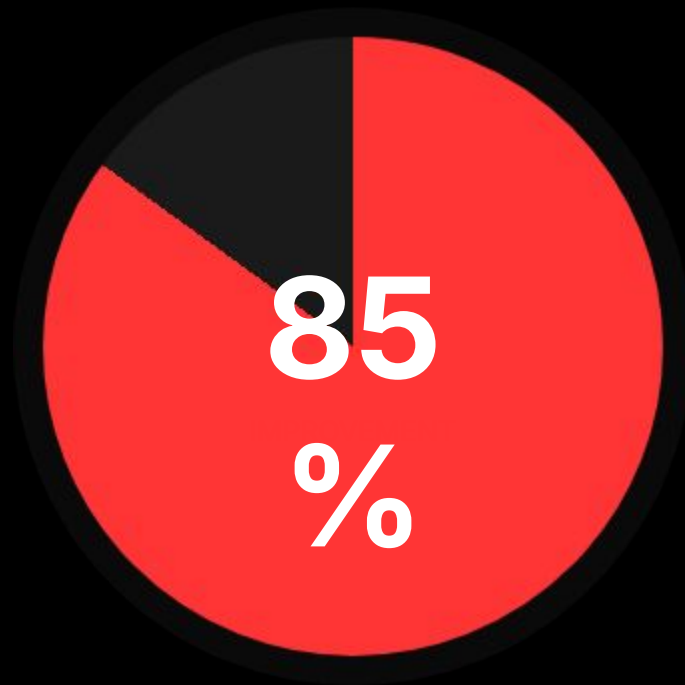
Conducted comprehensive audits of continuous integration and deployment (CI/CD) pipelines to eradicate systemic bottlenecks and accelerate time-to-market.



CLEAN CODE PRACTICES

Institutionalised rigorous coding standards across all development tiers to drastically minimise long-term technical debt and ensure sustainable scaling.

IMPACT ON STABILITY



KEY OUTCOME

Faster Incident Response

Achieved through proactive health monitoring and comprehensive middleware stabilisation programmes.

SYSTEM PERFORMANCE




PARTNER WITH EXPERTS


READY TO SCALE?

Code Counsel delivers enterprise architecture and operational management that drives real business continuity.

GET IN TOUCH

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NEW ZEALAND

AUSTRALIA

INDIA

IMAGE SOURCES



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