

FROM 20 LEGACY SYSTEMS TO ONE SOURCE OF TRUTH

How a major defence organisation modernised with SAP S/4HANA to improve or strengthen capability and readiness.

OVERVIEW

An Australian defence organisation, responsible for protecting national interests and supporting communities in times of need, faced a critical challenge. Multiple siloed systems across finance, procurement, supply chain, maintenance, operations, and HR were holding the organisation back. Data was inconsistent, reporting was manual, and decision-making was slow.

Their goal was to move from disconnected, siloed data to a single source of truth on a modern platform.

THE CHALLENGE

The scale was immense, among the largest ERP transformations ever attempted in Australia, and compounded by long-standing data and process issues:

20

Separate legacy platforms with no common standards

80M+

Records

350+

Data records

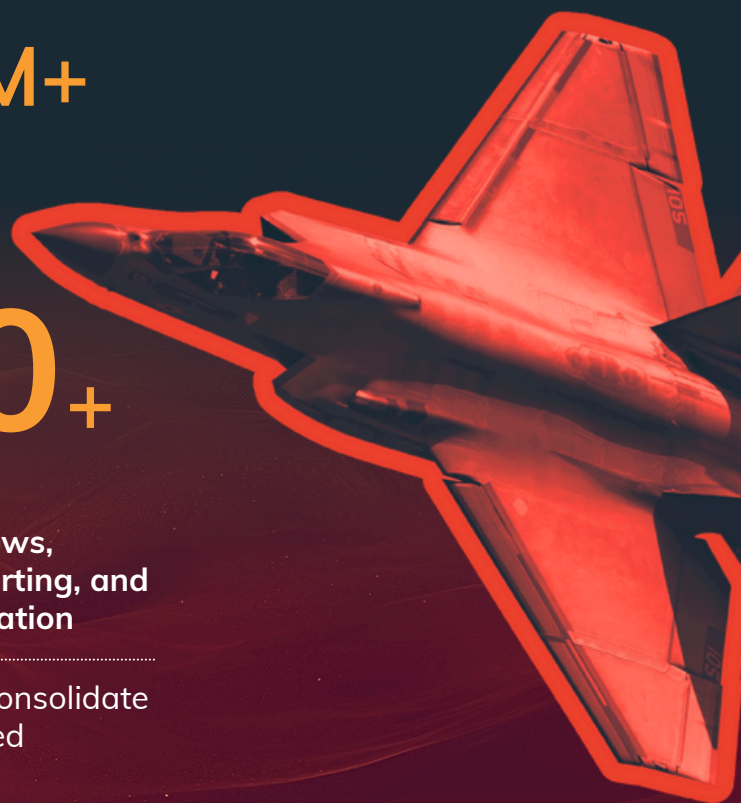
300+

Data objects

Inconsistent, unreliable data creating operational risk

Manual workflows, duplicated reporting, and poor data validation

The organisation needed a partner who could consolidate its data, remediate errors, and establish a trusted foundation for SAP S/4HANA.



THE SOLUTION

COSOL partnered with the systems integrator as the lead data migration and transformation specialist. This was not a single fix – it required a multi-faceted approach, drawing on the full breadth of our expertise:

RELIABLE DATA

Rigorous remediation embedded into the migration process, ensuring accuracy and performance in the new ERP environment.

RELIABLE TECHNOLOGY

Our proprietary COSOL Data Migration Engine and COSOL Data Integration Engine software (previously RPConnect) formed the backbone for extraction, transformation, and migration.

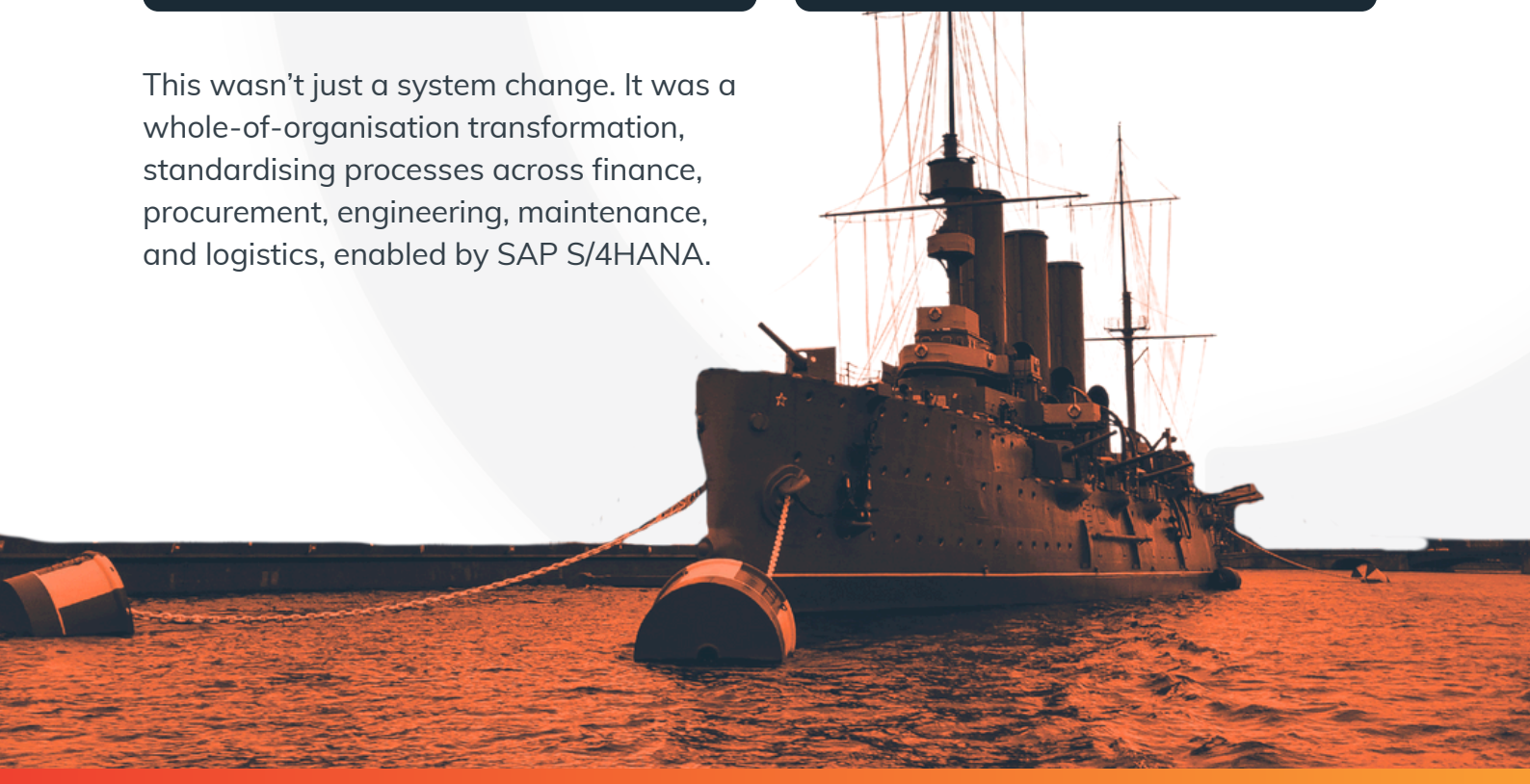
RELIABLE ADVICE

COSOL experts brought decades of experience in identifying and remediating compromised data within source systems, along with deep SAP and Ellipse expertise. Our expertise unlocked new value in the defence organisation, guiding their teams through complex decisions while balancing speed with data integrity.

RELIABLE PARTNERS

We didn't just migrate data - we became part of the team, shoulder to shoulder through every phase over multiple years, adapting as requirements evolved.

This wasn't just a system change. It was a whole-of-organisation transformation, standardising processes across finance, procurement, engineering, maintenance, and logistics, enabled by SAP S/4HANA.





THE IMPACT

The program delivered more than a new ERP system - it gave the defence organisation confidence in every decision. With one trusted source of truth, leaders across all departments can act faster, with a holistic view, greater certainty, and less risk.

Reliable data has become a strategic asset, strengthening operational capability and setting a new benchmark for integration and efficiency. This defence organisation is now recognised as one of the most integrated and efficient military organisations globally.



Because Defence serves the Australian community, the benefits of reliable data extend well beyond the organisation itself."

CASE STUDY

DEFENCE

KEY BUSINESS OUTCOMES

- ✓ From 20 legacy platforms to a single source of truth
- ✓ Automated, accurate reporting that accelerates decisions
- ✓ Protected, real-time quality data across all functions
- ✓ Transparent, efficient procurement through SAP Business Network
- ✓ Defence-grade SAP S/4HANA environment



COSOL: When Reliability Matters

COSOL is built on one belief: in asset-intensive industries, reliability is everything. We're a trusted, data-led asset management partner - known for our deep expertise, dependable delivery, and ability to keep critical assets performing at their best.