Omni Case Study
ENABLING TACTICAL–TO–ENTERPRISE DATA EXCHANGE: THE LCIMS TACTICAL POC

Defence, Business ICT Directorate, Army Headquarters, Land Capability Information Management System (LCIMS) Proof of Concept (POC) Activity.

Background

Omni was engaged to assist the Land Capability Data Management Program (LCDMP) within the Army Headquarters Business ICT Directorate (the client) to develop the user requirements and associated capability definition documentation to enable the CoA to go to market for a System Integrator to design and build an LCIMS Tactical Proof of Concept (POC) solution.

Project Overview

The LCIMS Tactical POC activity was designed to de-risk future requirements for the capture, storage, and routing of tactical data from Land Capability Platforms and Logistics Systems to support the Land Force both at the Tactical and Operational Levels.

The POC aimed to:

- Develop Information Exchange Requirements (IERs) from tactical data sources through to the enterprise layer
- Define designs and requirements for Land Platform computing
- Define designs and requirements for a Logistics Battle Management System
- Demonstrate an integrated system-of-systems capability through a Tactical POC

The LCIMS POC solution delivery stages were as follows:

Stage 1 – Development of high-level design and requirements for a LCIMS POC solution and development of capability definition documentation that will enable CoA to go to market for System Integration services.

Stage 2 – Project management and assurance of the delivery of System Integration services that implement an LCIMS Proof of Concept Solution.

Stage 3 – Preview Testing & Evaluation of the delivered LCIMS Proof of Concept solution

Omni's Delivery

Omni deployed a focused, multi-disciplinary team to deliver the LCIMS POC, comprising:

- Technical Team Lead (Level 4)
- Project Manager (Level 3)
- Systems Engineer / IER Developer (Level 3, subcontractor)

The Technical Team Lead and Project Manager were Omni full-time personnel. In addition, Omni provided two Level 4 specialists embedded within the LCDMP to further support the client, ensuring strong alignment between the LCIMS POC activity and broader Land Capability data initiatives.

Outcomes and Impact

Stage 1. The Omni teams successfully enabled the client to engage a Systems Integrator (SI) to deliver the LCIMS POC activity. This process included support to the client for evaluation of industry responses to the LCIMS POC tender; input into contract negotiations including an evaluation of risks relating to the preferred tenderer and preparation of final contract documentation.

Stage 2. The onboarding of the SI was commenced positively and initial interactions between the SI, the Omni teams and Defence stakeholders allowed the SI to de-risk and confirm the scope of the POC activity moving forward.

The Omni personnel then project managed the SI to support the development of the LCIMS solution through various design and build iterations as well as engagement with Defence stakeholders and planning for the conduct of a demonstration of the LCIMS POC solution.

Stage 3. In accordance with the contract, Omni supported the SI to successfully conduct the LCIMS POC demonstration and gathering relevant data from the activity to support the ongoing development of the IERs.