



# Asset Information Systems Implementation Assurance

Supporting organisations to develop Asset Information Systems and technology requirements that de-risk implementation projects, including support to navigate the technology marketplace and select solutions that fit their needs.



## Industry Need

“We are planning to invest in Asset Information Systems and technology but are concerned about the inherent risks to achieve full value. Existing investments in technology and IT applications have failed to achieve business benefits and gain user acceptance.”



## Catalyst for Change

The organisation is committing to invest in new Asset Information Systems or digital initiatives. A procurement exercise is planned. There is a need to develop business led requirements to support the selection of the optimal solution(s) and to drive an effective System Integration programme.



## Outcome Delivered

Asset Information Systems that are aligned to the organisation's operating model and decision-making requirements leading to improved user acceptance, data quality and the realisation of stated business benefits. Realisation of a data model that can support effective Asset Investment Planning.



## Why AMCL?

- Established business capability models that include generic good practice processes, user stories and functional/information requirements catalogues
- Solution agnostic - independent from technology providers
- Reputation and track record
- Leading knowledge of the technology marketplace

## Case Studies



DPTI engaged AMCL to investigate and recommend a best practice and value for money Asset Management Information System (AMIS) solution to support the future business and functional requirements of the Asset Management Directorate (AMD). The AMD is responsible for the management of a wide range of state-owned asset types including road, marine, rail, buildings, property and other miscellaneous asset categories.

The goals of the AMIS Review project were to support DPTI in working towards:

- A standardised, simplified and rationalised suite of Asset Management IT Systems with common business processes to enable greater efficiency.
- The improvement of reporting, data sharing and information to the Department, Directorate, customers and stakeholders.
- Enabling the Department and Directorate to maximise use and return on infrastructure.

Using a structured methodology, AMCL carried out a detailed review of numerous legacy systems (including Maximo) and reviewed existing processes and information to identify business challenges. AMCL developed an operating model for DPTI with an associated business and functional requirements catalogue.

AMCL carried out a detailed market and industry review to understand the capability of the IT systems available. AMCL designed a target solution architecture and developed an implementation strategy across all departments and asset classes.



Metro Parks Tacoma (MPT) is a CAPRA-accredited, independent park district created to manage park, recreation and zoological services and facilities for the citizens of Tacoma City in Washington State. MPT manages an extensive, diverse and complex range of assets, supported by a wide range of workgroups and disciplines. MPT has a significant physical asset base, with a capital construction budget of nearly \$59m annually. AMCL were selected by MPT to develop their business processes and define their future Enterprise Asset Management, (EAM) system requirements. The results of the project will help to de-risk and enhance the next phase of the MPT EAM implementation and process improvement within MPT. MPT chose to utilise AMCL's Asset Intensive Business Architecture (AIBA) model, with this tool and other templates supporting AMCL to deliver:

- Stakeholder awareness training in Asset Management and Asset Information.
- Create EAM Project specific objectives.
- Define and visualise the core scope of the business process review and define a secondary scope of process integration.
- Develop the enterprise level business operating model for MPT.
- Review of MPT IT systems and overlay onto the AIBA to identify repeated functions and/or gaps.
- Modelling and Gap Analysis of As-Is and To-Be business processes.
- EAM strategy and functional requirements for the future EAM Request for Proposal, (RfP) framework and eventual implementation of the system.
- High-level Implementation roadmap and benefits case.
- Market scan of EAM solutions and RfP development support.

### Further Clients






### Contact us

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