

LYNX and the Commonwealth Spatial Data Information(CSDI)

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PSMA Australia

- What is PSMA Australia?
- The role of PSMA Australia
- PSMA Australia is self funded.
- PSMA Australia has six national datasets.

LYNX

- What is LYNX?
- LYNX Redevelopment and Enhancement
- The shared services platform

Public and Private Partnerships

Commonwealth Spatial Data Information (CSDI)

National Address Management Framework (NAMF)

Commonwealth Spatial Data Information(CSDI)

- The CSDI Pilot Project was established in August, 2009.
- The Intent
 - Assist policy coordination through efficient sharing of information
- The Problem
 - How to share government information whilst maintaining its privacy
- The Approach:
 - De-identify, Aggregate and Share.

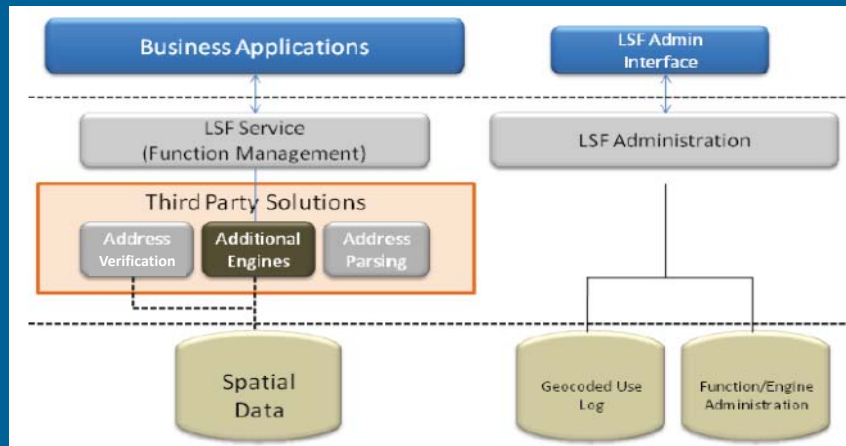
Commonwealth Spatial Data Information(CSDI)

- The Benefits:
 - A single point of truth "straight from the horse's mouth".
 - Greater sharing and use of information.
 - Obsolete complex data sharing agreements.
 - Accessibility leads to experience with the data
 - Targeted data specialisation and continuous improvement
- Single Point of Truth
 - A single reference dataset that is recognised as the best data available for a particular subject and a specific purpose.

CSDI Pilot Project Implementation – PSMA Data and LYNX Services Components

- Based on a state based system
- Extended to include:
 - Further integration between components;
 - Extensions to basic map generation;
 - Third party service integration; and
 - Additional logging;

CSDI Pilot Project Implementation – PSMA Data and LYNX Services Components



Components of the LYNX Services Framework Shared Services Platform

CSDI Pilot Project Implementation – PSMA Data and LYNX Services Components

- The pilot involved :
 - Extension to the Framework
 - Deployment of Third-Party Engines, and
 - Deployment of the Framework.
- The pilot was supported by the supply of key staff and documentation, and the handover of maintenance of the system.

The Success of the CSDI Pilot Project – PSMA Data and LYNX Services Components

- The success of the CSDI Pilot Project's PSMA Data and LYNX Services Components can be attributed to strong public and private collaboration:
 - PSMA Australia,
 - And it's subcontractor, Geomatic Technologies
 - Geoscience Australia, and
 - the Address Verification Engine providers:
 - Geomatic Technologies, and
 - Experian QAS.
- Important lessons and outcomes:

National Address Management Framework (NAMF)

- Whole of Government initiative aimed at specifying a framework for addressing.
- The Problem:
 - Multiple formats for storing and exchanging addresses.
 - Multiple sources of truth
 - Results of address verification solutions vary between vendors
- The Approach:
 - Standardise address interchange.
 - Specify an authoritative address reference dataset.
 - Provide a specification for address verification and geocoding.
 - Allow for extension

National Address Management Framework (NAMF)

- The Benefits and objectives:
 - Simplification of address interchange
 - One single source of truth for address verification and geocoding.
 - One address = one location.
 - Allow vendors to concentrate their efforts on functional improvement

NAMF Project Implementation

- The NAMF Compliance Specification project commenced in November 2009 and is expected to be completed this year.
- The project involves :
 - Identifying the requirements for the address management framework;
 - Seeking the approval and acceptance of industry; and
 - Developing reference implementations for server and client applications.

The Success of the NAMF Project

- The success of the NAMF Project to date can be attributed to strong public and private collaboration:
 - ANZLIC and its subcontractors
 - PSMA Australia and CTG Consulting
 - PSMA Australia and its subcontractors,
 - Geometry, Logica and Geomatic Technologies.
- Important lessons to date:
 - Iterative development assists greatly when requirements are not fully understood up front.
 - The NAMF Notification System is simply a vehicle that provides support for relationships between addressing agencies and the users of address information that need to be strong and well maintained.

Conclusion

- Public Sector organisations have very complex logistical problems to solve, and makes best use of its resources by:
 - Defining the problem,
 - Obtaining a budget to solve the problem,
 - Managing the expectations of the public, and
 - Utilising the private sector to complement their internal solution delivery capabilities.
- Private Sector organisations provide:
 - Highly specialised, innovative, and efficient solutions,
 - Access to significant experience, and
 - Ongoing support and maintenance for solutions.

Questions

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Answers

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Or visit our web resources
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