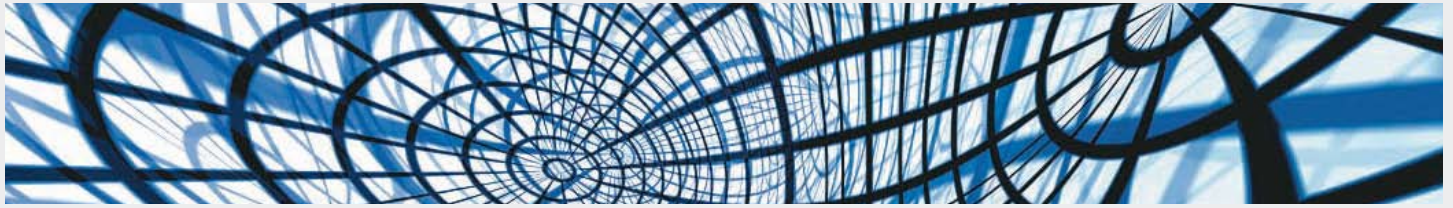


GLiNTECH enable interactive website for the State Library of New South Wales

► CASE STUDY



INDUSTRY: GOVERNMENT/PUBLIC SECTOR

Business Benefits

- ▶ Enhanced user-experience through improved navigation using a new dynamic interface
- ▶ Improved efficiency with the integration of a single management application and implementation of a new federated search application
- ▶ Greater end-to-end visibility through formal workflow process
- ▶ Improved scalability with increased storage capacity
- ▶ Improved cataloguing structure to match international standards
- ▶ Formal documentation of both legacy and new systems

Overview

The State Library of New South Wales' vision was to digitise unique and significant items in its collection and to showcase them through a range of online services. An existing legacy system, developed in the early 1980s, lasted longer than was originally designed. This legacy system only allowed staff low level database access using simple command line requests with limited functionality.

The new application is a vendor solution that features a rich GUI to provide the ability to view and modify data and digital objects in a user friendly environment.

Challenge

To achieve an eServices delivery function via the State Library's website, GLiNTECH was required to implement a sustainable and robust solution that included supporting infrastructure, workflow application and new databases, all incorporating a solid understanding of the business and its processes.

The greatest challenge was the transformation of an undocumented and non-normalised database into a RAD2 metadata format and the migration of data into an immature and developing product that required GLiNTECH to provide application development guidance to the vendor.

"Communication by the GLiNTECH team with the State Library was seamless throughout the project. They always delivered on time despite a tight production schedule, while meeting or exceeding all our expectations - a superb achievement."

David Drinkwater, Project Manager, State Library of NSW

Solution

GLiNTECH undertook a central role in the project and leveraged its considerable systems integration skills and expertise. The project architecture was a complex combination of the following design requirements:

- ▶ Digital Asset Management
- ▶ Archival Collection Management
- ▶ Web Content Management
- ▶ Information Architecture
- ▶ Metadata & Search
- ▶ Artefact Digitization
- ▶ Process Workflows

GLiNTECH used a combination of Open Source and purchased tools for unit and system integration testing. Java development and batch scripting were used for the migration and GLiNTECH's standard methodology was followed to uphold quality assurance and data integrity.

Results and Benefits

This project accelerated the State Library into the forefront of digital object management technology.

GLiNTECH's expertise in solution architecture, data migration, system integration, testing methodologies and quality assurance services enabled the project to be ready for public release.

The State Library website now provides the public with access to maps, manuscripts, photographic images, letters, rare books and paintings from its extensive collections.

"GLiNTECH provided professional staff, expertise and assistance and extended their availability and services beyond the terms of the contract to ensure our satisfaction and the project success."

David Drinkwater, Project Manager, State Library of NSW

About GLiNTECH

GLiNTECH is a professional IT services consultancy specialising in innovative technical application development, the design and implementation of service-oriented architectures and end-to-end technical project management services.



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