

SWORD

UPGRADE YOUR BUSINESS



INTEGRATED ASSET
INFORMATION
SYSTEM

CASE STUDY: ENGIE

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ABOUT SWORD

Sword is a leader in data insights, digital transformation and technology services with a substantial reputation in software development, complex IT, business projects and mission critical operations with over 2,300 Technology, Digital & Software specialists present in five continents to enable the growth of your organisation in the digital age.



Cloud Platform

Realise the benefits of an agile, capable and cost-effective platform



Modern Workplace

Transform ways of working and modernise your end user platform with Microsoft 365 and Enterprise Change capabilities



Digital Services

Bespoke solutions to modernise your customs apps or develop new competitive advantage



Data & AI

Modernise your legacy platforms and prepare for the future with Data & AI



Content Services

Discover, Improve and Manage your information assets

PART I – AN OVERVIEW

Integrated Asset Information System – Engie

THE CUSTOMER

ENGIE is committed to responsible growth of its businesses (power, gas and energy services) to succeed in the central challenges of delivering an energy transition to a low-carbon economy.



The Group is developing high-performance, innovative solutions for energy efficiency and digital technologies.

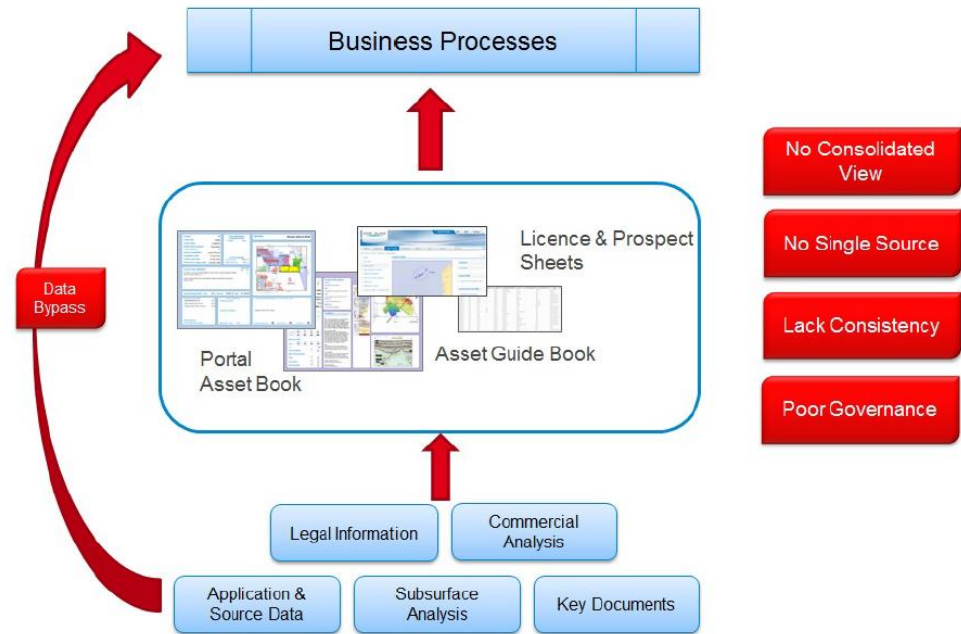
THE CUSTOMER'S BUSINESS GOAL

To deploy a "Lead to Asset Inventory (L2A)" Application to capture, store and present key information:

- A technical solution to ensure improved, consistent and intuitive information capture and storage of information defining the nature and potential of Leads, Prospects, Assets and Licences
- An integrated database platform designed to utilise information stored in existing systems; Designing an integrated environment allows the most effective use of information across the organisation, maximises collaboration and reduces misplaced or incorrect information

CUSTOMER'S BUSINESS CHALLENGE

Our customer's information describing Leads, Prospects, Assets and Licences was stored in a variety of forms, across a multitude of locations, by a number of staff members. The activity of capturing, storing and presenting this information was manual and disconnected from the information owner. As a result, information stored on the previous centralised system (a PDF based Asset Book) had become outdated causing concern and a lack of trust.



SWORD'S ROLE

Sword provided Project Management, Business Analysis, Interface Design and Development, Database and Software Development skills in a combined project/service delivery environment to create an integrated solution bringing Lead, Licence and Asset information of technical, commercial and legal nature together with documentation. Successful delivery through responsive and adaptable service leading to a high-level user satisfaction.

PART II – THE RESULTS

Integrated Asset Information System - Engie

SWORD'S SOLUTION

The Lead to Asset system was designed to reuse tools which already existed and were being used within the customer to minimise the impact of change, increase adoption, streamline operational handover and maximise development efficiency.

Presented to the user through a set of Logi Analytics dashboards embedded within the existing SharePoint portal, the L2A system provides easy access to trusted lead, licence, field and asset information spanning technical (exploration, reservoir development, production) to economic and legal. GIS capability was delivered through ArcGIS and GeoCortex integration, with Logi Analytics and SharePoint providing an information rich access and reporting platform.

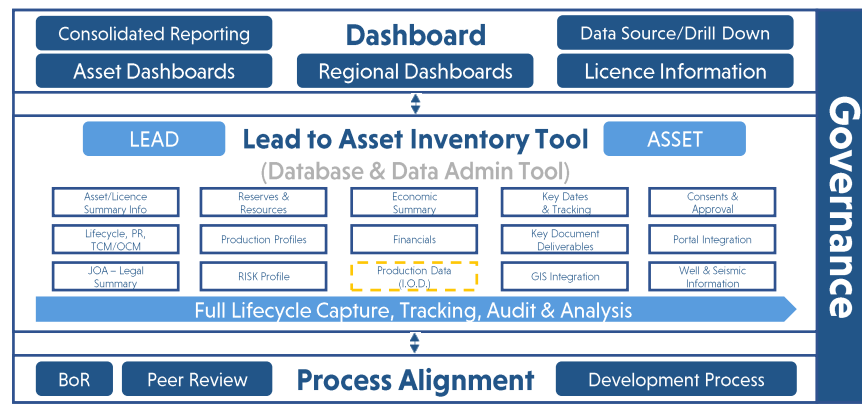
Sword also developed the underlying management and data administration application built upon .NET and supported by SQLServer for data capture. Full versioning, access controls and bulk loading capability was provided. A number of automated data handling processes were established to integrate data in corporate stores and other reporting tools, namely production and leveraged the development of Safe FML custom workflows.

A Governance Framework to ensure the quality, completeness and timeliness of information is maintained at a standard which reflects its value to the organisation. Due to the complex, multifunctional nature of the information managed within the system the governance model had to reflect this by providing a strong framework under which to operate the system.



CUSTOMER BENEFITS

- Improved governance, visibility and compliance for senior management and board in relation to key Lead to Asset business processes
- Increased visibility of trusted licence, lead, prospect or asset information through summary, functional and entity-based dashboard views
- Increased collaboration between functions by providing a single system with common interfaces and an agreed and adhered to method for ensuring quality control
- Reduced risk of missing key licence dates, lead/prospect or asset milestones by providing a graphical view which highlights such dates and their proximity
- Reduction in risk around non-compliance of regulatory requirements and license management
- Single trusted source of information business wide allowing well informed decisions to be made in the quickest, most efficient way – reduced single point of failure
- Capture of historical record of decisions and data for a licence, lead/prospect or asset; this information will be available for chronological analysis through the dashboard
- Positioning information assets for continued growth and expansion





INTEGRATED ASSET INFORMATION SYSTEM

CASE STUDY: ENGIE

For further information on this project and on other projects we have undertaken, please contact Sword Sales Lead, Daniel Clarke by email at daniel.clarke@sword-group.com

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