REM

REM Consulting
focussing on
delivering cost
effective solutions
for strategic
transformation

ABOUT US

Established in 1994, REM Consulting is a Western Australian-owned company. Our head office is in Perth and we operate in Perth, Brisbane, Sydney and Canberra.

REM Consulting employs, invests in, and promotes the best Information, Communications and Technology (ICT) professionals across Australia.

Our clients in resources, Oil & Gas, higher Education and Federal/State/Local Government engage our ICT advisory services to support ICT delivery, architecture, application modernisation, software development, data engineering/analytics and ICT networking.

Our technical and business information technology specialists are highly skilled practitioners of industry-recognised project and software development methodologies.

With experience working across a diverse portfolio of global companies and enterprises, the REM Consulting team believes in the importance of delivering quality solutions, aligned with industry standard practices and processes.

At REM Consulting, we value strong, long-term client relationships that are based on trust, loyalty and integrity. We have a reputation for delivering reliable and cost-effective solutions for complex and challenging projects.

OUR SERVICES

REM Consulting provides highly skilled ICT resources to implement, maintain and/or enhance a range of business systems to complement business requirements and business needs.

We provide these services in support of short or long-term projects/programs →

Our recent engagements have included implementing leading-edge systems, multi-dimensional and relational databases, and a variety of on-premise to Cloud transformations.

Our personnel are well versed in advisory and governance processes and specialist project management services including governance, risk management, project office, feasibility, Agile, Prince2, PMBOK and life cycle management.

Program/Project Management and Recovery

Application Modernisation (Cloud)

Enterprise Architecture

Solution/Technical Architecture

Full Stack Software Development

Data Engineering and Analytics

Change Management

Business Analysis

Test Management

ICT Advisory Services

ICT Networking

Staff Augmentation

"REM Consulting is an organisation that prides itself on partnering with our clients to deliver quality outcomes. Acting as a key conduit between business enterprises and professional services, client satisfaction is paramount in all our endeavours."

CLIENTS

REM Consulting provides specialist ICT services for resources, oil & gas, higher education, and government sectors across Australia.

Resources

We provide the following services to the resources sector:

- Advisory services to optimise and transform the technology stack to support the modernisation and expansion of the renewable minerals business value chain
- Data engineering delivery and analytics solutions as part of an organisational digital transformation
- Management of the delivery of portfolio of infrastructure and application projects
- Project management and development of an Operational Data Warehouse, providing the core foundations for operational reporting
- Implementation of modelling techniques for the optimisation of train systems at the operational centre
- Bespoke development in .NET and AWS frameworks

Clients
- **BHP**
- **Rio Tinto**
- **FMG (Future Industries)**

Oil & Gas

We provide the following services to the oil & gas sector:

- Program management for an organisation-wide SAP ERP
- Oracle DBA support services linked to KPIs

Clients
- **ENI**
- **Woodside**

Higher Education

We provide the following services to the higher education sector:

- Advisory services creating high-performance, Agile teams championing core values of ownership, empathy and perseverance within the University
- Architectural services delivering architectural roadmaps for security networking, data centre including Cloud, IT service management, IT governance, information, and applications
- Bespoke development of a number of research-based and student management solutions

Clients
- **University of Western Australia (UWA)**
- **Curtin University**
- **Edith Cowan**
- **Macquarie University NSW**

Government

We provide the following services to the government sector:

- Application modernisation and re-architecture of legacy applications to Cloud
- Application modernisation of core revenue sub systems
- Business process re-engineering.
- Business analysis services for system's modernisation
- Architectural services to develop architectural roadmaps to provide ICT strategic direction
- Application modernisation using Cloud based microservices within .NET and AWS frameworks
- Bespoke development in web development, C#, Oracle, PHP, JavaScript, Java and Matlab

Clients
- **Services Australia (Federal)**
- **The Chemistry Centre of Western Australia**
- **WA Health Department**
- **WA Police**
- **Revenue WA**
- **Lotteries West**
- **Western Power**
- **CSIRO**

ICT Services Panels

REM Consulting has over 25 years of experience in Australia delivering successful services and projects on an outcome basis.

Our continued acceptance onto new ICT services panels is a strong endorsement of REM Consulting's ability to maintain and deliver quality ICT services.

REM Consulting currently supports the following panels:

- **Macquarie University NSW** - Management Services Panel
- **Digital Transformation Authority** - Federal Government Govt ICT Panel
- **Rio Tinto Vendor Panel** for Delivery of ICT Services
- **BHP Vendor**
- **Curtin University** Preferred Supplier
- **WA Government** Common Use Contracts (CUAICTS2021):
  - o **Category 1** – ICT Planning and Advisory Services
  - o **Category 2** – ICT Business Solutions Implementation Services
  - o **Category 3** – ICT Environment Management Services

- **WALGA** - Western Australian Local Government Authority
  - o ICT and Telecommunications Panel
  - o Business Systems Software and Services

CASE STUDY / 1

Customer Sector:
GOVERNMENT

The Chemistry Centre of Western Australia (ChemCentre) provides specialised chemical and forensic services, responds to hazardous material emergencies and undertakes research to ensure a safe and prosperous WA community.

Project Description
ChemCentre had been supported by two siloed Laboratory Information Management System (LIMS) applications. These systems were based on legacy technologies and were unable to effectively respond to business and cyber changes.

REM Consulting was appointed to:
- Validate a cloud microservice-based architecture that would consolidate the two legacy systems and future-proof a scalable LIMS application
- Develop the new system on Microsoft's latest .NET and Azure technologies
- Migrate historic and current data
- Ensure the application was "Cloud ready"

Challenge
An additional challenge stemmed from the discontinuation of Microsoft's support for the technology stack which underpinned the LIMS. This increased operational risks associated with ensuring LIMS could run securely on future operating systems and hardware.

Other challenges included:
- Combining the LIMS requirements from different divisions into a single solution (OneLIMS)
- Cleansing and migrating data into the new system, ensuring it was accessible to all relevant divisions while concurrently developing the solution
- Providing operational support for legacy systems and releasing OneLIMS features within a single development team
- Delivering to limited budget and challenging timelines

Outcome
Utilising Microsoft's latest .NET framework, microservice-based architecture and Azure Cloud technologies, REM Consulting worked with ChemCentre to modernise their software.

The project delivered a OneLIMS solution that future-proofed ChemCentre's data processing and information capabilities by providing a system that was:
- Cloud enabled
- Scalable
- Technologically current
- Aligned with industry best practices
- Capable of digital data interchange

CASE STUDY / 2

Customer Sector:
MINING

REM Consulting has a proven track record in delivering quality advisory outcomes for a large, Australian, multi-national public mining company. This client produces in-demand battery materials to support the growth of electric vehicles.

Project Description
Our client recognised that modernising the control systems technology would enable value chain expansion and engaged REM Consulting to:
- Undertake a detailed study of the control systems across the company's assets
- Provide a detailed report which assessed the current state of control systems
- Identify any misalignment against industry or asset standards
- Make recommendations to modernise and optimise the overall technology stack.

Challenge
The major challenge of this engagement centred on providing an accurate assessment of the control system component across all sites, based on the current knowledge that existed. Achieving a high level of accuracy was integral to enable and define the next steps of analysis.

Further challengers included:
- Ensuring staff had the experience and domain knowledge of the specific mineral processing, operations and technologies involved
- Engaging and managing multiple site-based stakeholders to provide and verify site- specific information in a timely manner
- Understanding and translating industry and client specific cybersecurity requirements

Outcome
The engagement resulted in a business report identifying opportunities around asset-integrity, improvements, optimisations and expansions. The study also developed a control system strategy and roadmap. The report recommendations demonstrated the material business value that can be realised by optimising and modernising its current control technology stack, and were used as input into opportunity framing documentation.

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