

# SAIC Petrotechnical Data Management

**SAIC provides upstream petrotechnical data management services to the oil and gas exploration industry. We provide advice, consultancy, project management, and IT solutions on a range of data management issues that are addressed daily by oil companies seeking to maximise the utilisation of their assets.**

With over 18 years international experience, we have the depth of skills, expertise and practical experience to offer pragmatic and well-defined support to enable, enhance and implement change within your organisation.

The search for oil and gas over the past 30 years has evolved an industry that is technology-driven and focused towards the need to evaluate information to support key decisions on exploration and production.

Today, oil companies are managing very large amounts of data as a result of advanced acquisition technologies, 3D, 4D, company mergers, trades and divestment.

Industry regulation and compliance extend the need to retain data for longer periods and to produce associated work flows, processes and procedures within an auditable environment.

SAIC's Petrotechnical Global Data Management (GDM) team members are able to utilise their project management and domain skills in managing these data sets to best advantage.

Working closely with our clients, we are able to deliver a carefully crafted blend of standards, best practices and tools, integrated within an architectural framework and with the best data management technologies available across the industry.

SAIC is vendor-neutral and is able to exploit its neutrality in advising and recommending enabling technologies from a wide variety of vendors.



## Data management consultancy services include:

- A world-class, qualified and experienced petrotechnical data management team
- Qualified project management practitioners for project consultancy and management
- Project analysis tools, statistical analysis, risk, reward, value
- Architectural framework
- Global standards
- Quality metrics
- Data management and storage solutions
- Domain expertise in borehole, seismic, production, spatial data types
- Database systems, solutions and options.
- Metadata construction
- Image document management solutions - active and legacy archive
- Web-based data access, browsing, connectivity

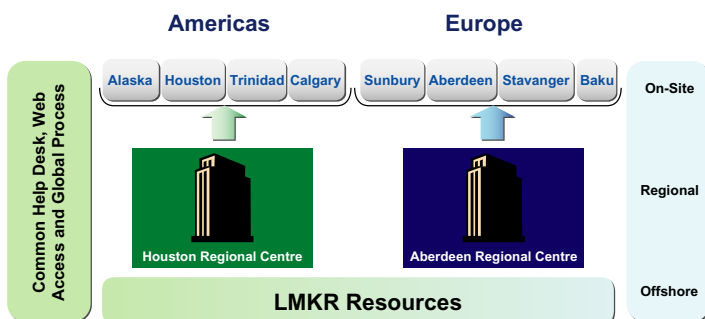
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The pace and change of technology, the need to maintain competitive advantage, and the ever-changing pace of business priorities, mean that resources are under constant stress. The need to control costs and operate within specific budget constraints means that more and more companies are seeking external resources to fill gaps and to address otherwise short-term projects. SAIC's data management consultancy services are directed at offering a solution to fill these gaps in resources, offer expert advice, project management and implementation. Data management consultancy can deliver real benefits for those needing extra resources when addressing their need for exploration data solutions.

## The Global Data Management (GDM) Business Model

GDM have developed a business model which establishes a regional centre, with a three-tier capability to address onsite service desk delivery, offsite services and support and offshore remote access for high-volume data loading, and data cleanup.

This structure offers a "follow the sun" service, delivering either an extended working day, or providing service continuity across multiple international sites.



## Contact

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## Our Service Desk

Our petrotechnical service desk operations are daily addressing the needs of our clients across the world, with some 160 staff employed in seven countries, linked to our regional centres in Aberdeen and Houston.

Rotation of personnel through these sites and countries offers new, challenging environments and projects; keeps our staff engaged and fresh; and enables them to experience a wide variety of data management challenges.

Understanding the nature and complexity of petrotechnical data is the key to developing and maintaining a successful service desk.

Communications are supported through our Remedy<sup>®</sup>™ call logging solution.

We provide bespoke development of data loading scripts.

We have an established data utilities tool box, for data analysis, dumping, loading, quality control.

We also provide quality metrics – Database to Database analysis and reporting.

At SAIC, we understand that data quality is not an afterthought. It is built into our service delivery philosophy and through our professional staff.

We encourage our clients to establish their own SLAs, which we combine with a call logging submission process, queue management, exception reporting and escalation procedure, to provide a full service delivery profile.

Data management and service delivery is a continuous cycle and must be maintained and upgraded to keep pace with business cycles and user needs.

SAIC establishes practical, technical and operational standards and internal disciplines which support and enhance data quality and reduce operational costs.

Offshore, remote access and processing is provided in alliance with LMKR, an industry-leading service provider, with some 200- plus degree-qualified and experienced personnel.

For more information please visit our Web site at [www.saic.com](http://www.saic.com) or contact SAIC in Europe on +44 (0)845 366 7242

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