

**Our services include:**

- gINT database development – we consider all your user groups, and design streamlined logical schemas utilising lookups and validation
- gINT report design – logs for all industries, summary tables and graphs
- Data management advice and system design
- gINT Rules applications written in VBA, VB.NET, or C#
- Onsite installation and one-on-one support
- AGS Format compatibility
- Import of legacy data
- Import of electronic data including lab tests, field tests, geophysics, monitoring
- Data migration to gINT Professional Plus (SQL Server)
- Custom software development (unrelated to gINT)
- Integrating GIS and geotechnical / geoenvironmental data web applications
- In-house gINT and Datgel Product Training, customised to your needs

## Datgel Professional Services

Datgel is a specialist geotechnical and geoenvironmental software development company, providing bespoke and custom data management solutions.

Our dual understanding of subsurface data and software development makes Datgel the ideal consultant to design and optimise your data management system.

Automating repetitive or time consuming work flows is our business.

Our international experience working to different standards and expertise in data collection, database design, data management and software development means Datgel can deliver a timely and cost effective solution for your project.

### Ras Laffan Port Expansion Project, Qatar

Datgel developed the construction phase Geotechnical Data Management System, including: a material lab, in situ testing calculations and reporting system, and compaction progress tracking and mapping solution.

Datgel provided the on-site installation, training, and continued support and maintenance for the system until the completion of the project.

### Roads and Traffic Authority of NSW, Australia

Datgel developed the Geotechnical Data Management System and Custom AGS Data Dictionary to meet the needs of the RTA.

Ongoing support, training and feature development are provided and the system is used extensively throughout the RTA, providing a cost benefit to their operations.

### Jabatan Kerja Raya (Malaysian Public Works)

- Geotechnical database system
- Log, and fence report design
- AGS Format advice
- Training

### Ruwais Refinery Expansion Project, UAE

Datgel developed the construction phase Geotechnical Data Management System, including a calculations and reporting system for:

- Materials lab – classification, CBR, Compaction, Direct Shear
- In situ testing – CPTs, Boreholes, CBR, Density
- Monitoring – Piezometer, Magnetic Extensometer, Rod Settlement Gauge

