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concept to realisation



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"IRW were efficient and professional which enabled us to implement the solution with a minimum of disruption to staff and maximum benefit to the organisation."



t. 0141 889 3088 (North)
t. 0207 873 2268 (South)
Web. www.irw.co.uk
Email: enquiries@irw.co.uk

Land Engineering—SharePoint 2010 and Business Intelligence

THE CUSTOMER: Land Engineering (LE) is one of the leading names in public realm environmental improvement work, stonework and grounds maintenance in Scotland. Spanning three decades of achievement in infrastructure development, public realm and environmental improvement projects, LE's clients range across both the private and public sectors.

One area of LE operations is the provision of Winter Gritting services to the public and private sectors. This involves the provision of manned specialist plant to wide areas of the country, to deliver gritting and snow clearing services to roads, car parks etc.

THE REQUIREMENT: The operation and administration of this division was handled manually, and was becoming increasingly difficult to manage using people and paper-based processes. LE approached IRW to design and develop a custom solution for the business. As a further part of this solution, IRW was also asked to provide a flexible reporting suite.

THE SOLUTION: Land Engineering required the ability to analyse data, create contracts and invoice clients from their Winter Gritting System. As their core business systems have SQL Server 2008 as the database platform, it was a case of leveraging the functionality of SQL Server 2008 Reporting Services to provide the base for their Business Intelligence requirements.

Parameterised reports were created for statistical analysis, contract creation, sub-contractor invoicing and client invoicing. These were then deployed to a SharePoint 2010 environment with access restricted to only those staff requiring the information.

Environment:

- .NET line of business system
- SQL 2008 Reporting Services
- SharePoint 2010

BUSINESS BENEFITS: Key deliverables and benefits from IRW Systems included:

- Information which would normally take hours to correlate was now available instantly
- Invoicing issues for both clients and sub-contractors can be reviewed quickly and accurately
- Exceptions reporting is now available in real-time thus allowing a faster response
- The information is now available to authorised members of staff who work outside the main office environment
- The information is now available in real-time