

### Microsoft SQL Server 2005/2000 -- Reporting Services – 3 Days

#### Course Description

This course has been designed to introduce users of Microsoft SQL Server 2005, or SQL Server 2000, to the 'Reporting Services' integrated within the software. The course duration will depend to some extent on the prior experience delegates may already have of SQL Server and other reporting software.

Reporting Services provides a reporting system for designing, managing and delivering reports via the web. Users can log on from their browsers and access interactive reports that can be linked to a wide variety of data sources, not just SQL Server.

Course delegates should have a basic knowledge of databases and should be comfortable with MS Windows software.

Delegates without this background might consider attending the Train-IT 'SQL Server Overview course' before attending this course or enquire about a customised course covering all the required knowledge.

#### Course Objectives 2/3-day Reporting Services Course.

By the end of the course delegates will have covered:

- Overview of MS SQL Reporting Services
- Reporting Services Architecture
- Authoring Basic Reports
- Using the Report Designer in Visual Studio.net
- Options for creating a report
- Accessing data sources and data sets
- Create a table
- Create grouping
- Apply Basic Formatting
- Understand the Report Page Structure
- Add items to the report
- Create Headers and Footers
- Use Calculated Values in reports
- Create new fields based on dataset fields
- Create expressions based on individual text boxes
- Use conditional expressions to create dynamic formatting
- Use aggregate functions
- Enhancing Basic Reports
- Navigate data via drill downs
- Create a document map
- Create links and custom report actions
- Manipulating Data Sets
- Query a data source using a dataset
- Using report parameters
- Create and use a data filter
- Pass parameters to a stored procedure
- Managing Content
- Publishing Reports
- Rendering Reports
- Executing Reports
- Creating Subscriptions
- Administering Reporting Services
- Server Administration
- Database Administration
- Security Administration