

Course: TR502 3 Days

## ARM 5 MSRS Report Designing

This course is aimed at IT and risk process staff with an awareness of Microsoft Reporting Services technology. This course provides an in-depth view of the abilities of the ARM reporting module. This is a hands-on course using real-world examples and workshops to allow delegates to create new reports or customize existing ARM reports specific to their own or end-user needs.

### You will learn how to

- Create, run and manage filters in the ARM 5 desktop
- Use the SQL Server Reporting Manager and Visual Studio 2010 development environments effectively
- Understand the ARM data model
- Work with report parameters
- Develop new reports in response to business requirements using the ARM report template
- Modify existing reports according to user needs and apply security to all custom reports
- Link custom reports to your own label sets
- Show reporting results graphically using interactive drill down links and charts

### Course benefits

The course enables report designers to effectively exploit the ARM database structure with custom reports using Visual Studio. This course provides the skills and knowledge to create, and distribute secure complex ARM reports for your organization.

### Course content

#### Report basics

- Filtering reports using the browser
- Controlling data output with report parameters
- Understanding the ARM database model
- Working with the SQL language
- How ARM integrates with the MSRS server

#### Designing custom reports

- Exploring the Visual Studio development environment
- Designing the look and feel of the report
- Using the standard STG report templates
- Creating SQL datasets to control how data is displayed
- Compiling and publishing your report to the MSRS server

#### Reusing existing ARM standard reports

- Download and customize existing standard reports
- Create your own report management structure within MSRS
- Manage which ARM reports are visible using the MSRS report manager interface
- Export reports to .PDF format

#### Designing complex reports

- Apply the ARM security model to reports
- Create custom report parameters
- Conditional formatting of data outputs
- Calculated fields using expressions

- Generate interactive exploding pie charts within reports
- Build nested sub-reports linked to parent reports

### Workshop activities

- Create, run and manage filters in ARM desktop
- Use the ARM reports manager effectively
- Develop and validate interactive queries
- Pass parameters into a report
- Use the reporting syntax to conditionally display parameter results
- Format date and currency data correctly
- Develop new reports in response to business requirements using the ARM report template
- Modify existing reports to satisfy user needs
- Export report contents to various formats including PDF
- Leverage the Visual Studio development environment for building custom reports
- Securely join reporting data to special tables to ensure users only see data that they should see
- Publish new and updated reports to users via SQL Reporting Services
- Apply custom label sets
- Show reporting results graphically using charts and graphs

## Who should attend

Anyone who will be responsible for the creation and maintenance of bespoke ARM reports, such as Risk Analysts, IT Technicians, Visual Studio Report Developers. Familiarity with a modern database reporting application such as MS Access, Crystal Reports or Visual Basic will be helpful. Prior basic knowledge of ARM (to the level of TR102) would be a distinct advantage.

## Course dates

Courses are available on-demand.

## Location

Active Risk Training Facilities, Customer sites or via Virtual Online Training

## How to book

Please register at [www.activerisk.com/training](http://www.activerisk.com/training) or contact your Active Risk Account Manager for further details.

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## Related courses

### TR650 ARM 5 New Features Overview

- ARM 5 builds on the success of previous versions and now offers significant enhancements in the areas of Desktop Interface Management, multiple PID's, ARM-ARM integration, and reports. Using an enterprise based case study, you will learn how the new features of ARM 5 can deliver considerable benefits to your management of risk. This overview course enables you to assess the potential values ARM 5 can bring to your organization.

### TR102 ARM 5 User Fundamentals

- ARM 5 provides a web based framework for enterprise risk management. The ability to enter, score, and manage risks using ARM is essential to minimise corporate risks. In this course, you acquire the fundamental knowledge and critical skills to record, manage and report on risks across your enterprise.

### TR202 ARM 5 Advanced Analysis

- Being able to analyze ARM data effectively is an essential skill of every Risk Administrator, Manager and Professional. In this course you gain the skills to build analysis models for cost, time and use those models in Monte Carlo simulation. You learn how the principles and practices of quantitative risk analysis and how provision and contingency management will impact on spend forecasts.

### TR302 ARM 5 Administration

- ARM 5 provides a robust platform that enables organizations to run the most demanding mission-critical Risk Management Plans. It is essential that ARM Administrators know how to manage this complex platform correctly. This workshop course provides you with the skills you need to configure the ARM instance and modify system settings such as the creation of multiple PID's and scoring schemes, design desktop grids, manage Security Roles and integrate data using ARM-ARM and external applications such as Primavera and MS Project.