

# DIMENSIONS SERVER MAINTENANCE

SPSS

■ Duration: 1 day

■ Level: Intermediate/Advanced

## TARGET AUDIENCE

Staff responsible for administering users and everyday maintenance/monitoring of Dimensions server applications. Also, staff with operational responsibilities of a Dimensions Server implementation, particularly those responsible for daily/weekly/monthly maintenance of Dimensions applications.

## PREREQUISITES

**Must have:** Knowledge and experience of Windows Server 2003 Architecture and installation is preferred. Significant practical technical experience of administering Microsoft Windows XP Professional is beneficial.

**Presumed knowledge:** SQL Server Administration, IIS Administration, SQL Server database creation, Windows Security, Windows performance monitoring techniques

## OVERVIEW

This course has been designed to give a new Dimensions System Administrator the essential skills required to understand the Dimensions server systems and architecture, troubleshoot and monitor that environment and how to tackle their daily administrative tasks. The course starts with a simulation of how end users might be interacting with the environment. The attendee is then given a thorough grounding of what files, folders, components and services are installed on the relevant tiers in a Dimensions environment. With an understanding of that environment, we then review the components of a Regular Maintenance Plan. Following this, various methods of monitoring the system and potential optimization options are introduced. Considerable time is then spent learning how to troubleshoot and resolve issues that may arise and finally we go over some 'Best Practices'

## OBJECTIVES

By the end of this course you will have learned how to:

- Set up a continual maintenance plan to keep the servers running at an optimal level
- Work with the performance counters to monitor the health of the environment
- Review and query log and event files to isolate and resolve any potential issues within the Dimensions server systems

## COURSE CONTENT

- Understanding the design of your Dimensions server topography
- Explanation of the various Dimensions Tiers
- Reviewing the details required for SPSS Support to assist in any troubleshooting issues
- A real time 'End to End' demonstration of how users will interact with the environment
- Understanding of the location of files and folders within the Dimension Tiers
- Designing and implementing a continual maintenance plan
- How to monitor the environment using Windows Performance counters and built in Dimension utilities
- Thoughts on some optimization options
- How to troubleshoot Dimensions server related issues
- Some Best Practices

## NOTE:

The course is standardized on Microsoft Windows Server 2003 and Microsoft SQL Server 2005