



Technical Overview

Analyzer was developed from the ground up using Microsoft's .NET application development framework. The product is pure ASP.NET/DHTML and was written specifically for SQL Server Analysis Services, with support for SQL Server. Analyzer itself was written in C# using Microsoft Visual Studio as the integrated development environment.

Because Analyzer is built with and based on the latest technologies, the product is able to provide end users, report developers, and administrators with an intuitive 100% zero-footprint client experience. Analyzer supports the latest features of SQL Server 2005 right out of the box, including:

- Unified Dimensional Model
- Key Performance Indicator
- MDX Scripting
- Built-in Business Analytics
- Attribute-based Dimensions
- New Dimension Types Support
- Measure Groups
- Perspectives
- Security Control
- Multiple Language Support

Environment Pre-requisites

Microsoft SQL Server 2000/2005/2008 (32-bit or 64-bit)
Microsoft Analysis Services 2000/2005/2008
IIS version 5 or higher
Microsoft .NET framework version 2.0.x is required
Internet Explorer 6 or higher

OLAP Support

Analyzer can access SQL Server 2000/2005/2008 Analysis Services cubes, including multidimensional (MOLAP), hybrid (HOLAP), or relational (ROLAP) cubes.

Mail Server Compatibility

The Analyzer Mail Server allows you to send collaborative annotated Analyzer reports via mail messages to non-Analyzer users, or external Analyzer users. The Analyzer Mail Server communicates using SMTP.

System Log

The System Log provides a tracking system for events and errors that occur in Analyzer. You can utilize this log to trace the UserName and IP address that were used to make changes within Analyzer. This form is paged (default is 15 items per page). There are arrows to help you quickly navigate to the top of the list, to the previous page, to the next page and to the last page of the list. There are also links to take you to the previous page or the next page. You can control which events are logged, set the maximum log size, and define what action to take when the log size is exceeded (backup or delete).

Reliability and Failover

Analyzer's reliability and failover capabilities are dependent on the server(s) on which Analyzer resides and on the deployment approach chosen. As mentioned above, there are several deployment options possible with Analyzer. If multiples instances of Analyzer are installed on multiple servers, then the failure of one server will result in the load of that server being shifted to the remaining server(s). The effect this may have on user response times will depend on the system load this puts on the remaining server(s) as well as the number of users accessing the system and the number and types of queries they are performing.