



**THE
POWER
TO KNOW[®]**

Tips and Techniques with Add-in for Microsoft Office (AMO)

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Agenda

- What is it? Who is it aimed at?
- What can it do?
- Demo that
- Technical requirements

SAS[®] Add-In for Microsoft[®] Office

- The Add-In for Microsoft Office (AMO) is one of three key user interfaces in the SAS[®] BI Server suite:
 - SAS[®] Enterprise Guide – Advanced business analytics
 - **SAS[®] Add-In for Microsoft[®] Office – SAS[®] data access, reporting and analytics from Microsoft[®] Office**
 - SAS[®] Web Report Studio – allows business users to: view, author & share reports on the Web

Overview

- The SAS Add-In for Microsoft Office is a Component Object Model (COM) add-in that extends the functionality of Microsoft Office.
- From within Microsoft: Excel, Word, & PowerPoint, users can harness the power of SAS analytics and access SAS data sources

Some things you can do

In general:

- Access and view SAS data sources.
- Access and view any other data source that is available from your SAS server.
- Cycle through data that exceeds the row limitations of Excel
- Manipulate results and distribute them with existing Office functionality
- Ad hoc reporting to analyse SAS or Excel data using analytic tasks.

Some more things you can do

- Embed SAS reports and analytics into Office Applications using stored processes to execute dynamically and embed the results in your documents, spreadsheets, and slide shows.
- Refresh tables and charts automatically (and rerun any queries and apply relevant filters) to ensure the most up-to-date information is available.
- Publish workbooks, documents, or slide shows to your company's repository

Demo – part 1 of 2

1. Access and view any other data source that is available from your SAS server.
2. Cycle through data that exceeds the row limitations of Excel
 - To query an Oracle table (over 65,536 rows)
3. Analyse SAS or Excel data using analytic tasks.
4. Refresh tables and charts automatically (and rerun any queries and apply relevant filters) to ensure the most up-to-date information is available.

Demo – part 2 of 2

5. Ad hoc reporting or to execute stored processes dynamically and embed the results in your documents, spreadsheets, and slide shows.
 - Run a Stored Process and populate the resulting graph in Powerpoint

6. Publish workbooks, documents, or slide shows to your company's repository
 - Place the resulting Powerpoint file available on the web

Technical Requirements: AMO 2.1 (SAS 9.1.3 SP4)

Supported Platforms

- Windows NT 4 Workstation
- Windows 2000 (SP3 or later)
- Windows XP

Minimum Processor Speed

- 233 MHz

Memory Requirements

- 256 MB RAM

Additional Software Required

Office Version

- Microsoft Office 2000 (SR1 or later)
- Microsoft Office 2002
- Microsoft Office 2003
- Microsoft Office 2007 (Rev: 37)

Other

- Microsoft .NET Framework 1.1, MDAC 2.7 are part of the standard Add-In install

AMO 4.21 (SAS 9.2): Microsoft Windows Vista: Business, Enterprise, Ultimate Editions & Windows 2003 Server (both 32bit and 64bit versions)

Resources

- SAS® Enterprise BI Server

- <http://www.sas.com/resources/factsheet/sas-enterprise-bi-server-factsheet.pdf>

- SAS® Add-In 2.1 for Microsoft Office: Getting Started with Data Analysis

- http://support.sas.com/documentation/onlinedoc/91pdf/sasdoc_913/ms_addin_9701.pdf

- SAS Add-in for Microsoft Office Help (SAS > Help> SAS Add-in for Microsoft Office Help)

Questions...

