

Winnipeg SAS User Group

29APR2010

SAS Add-in for MS Office

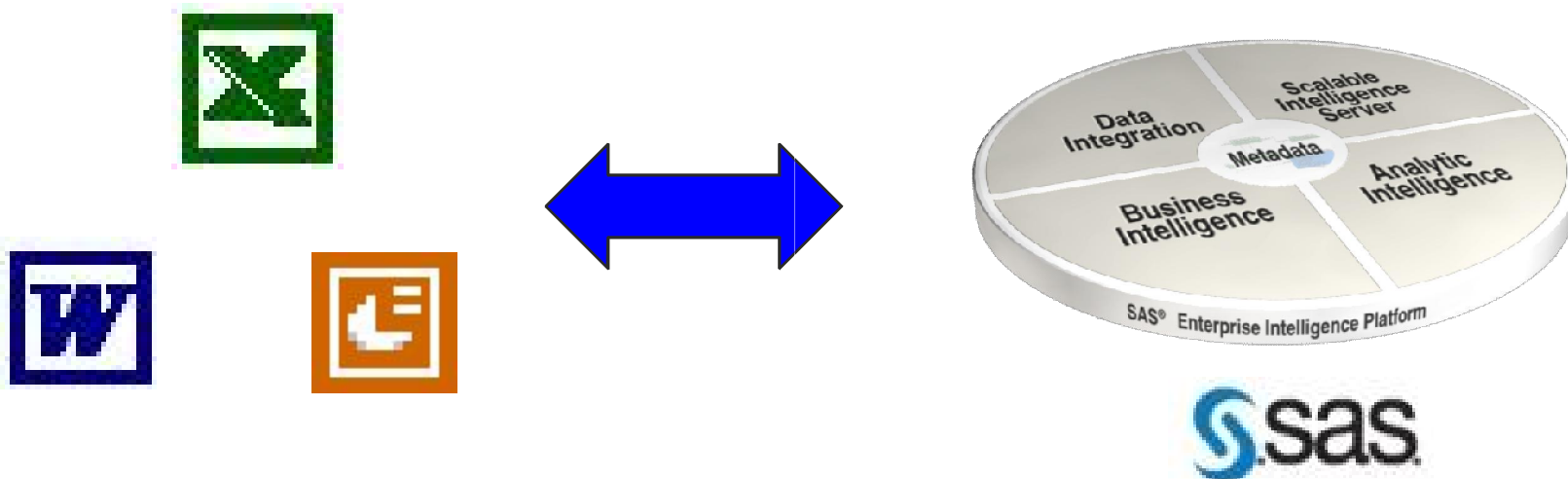
**THE
POWER
TO KNOW[®]**

Sylvain Tremblay

SAS Canada – Education

SAS Add-In for Microsoft Office

- 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, Microsoft Word, and Microsoft PowerPoint, users can harness the power of SAS analytics and access SAS data sources.

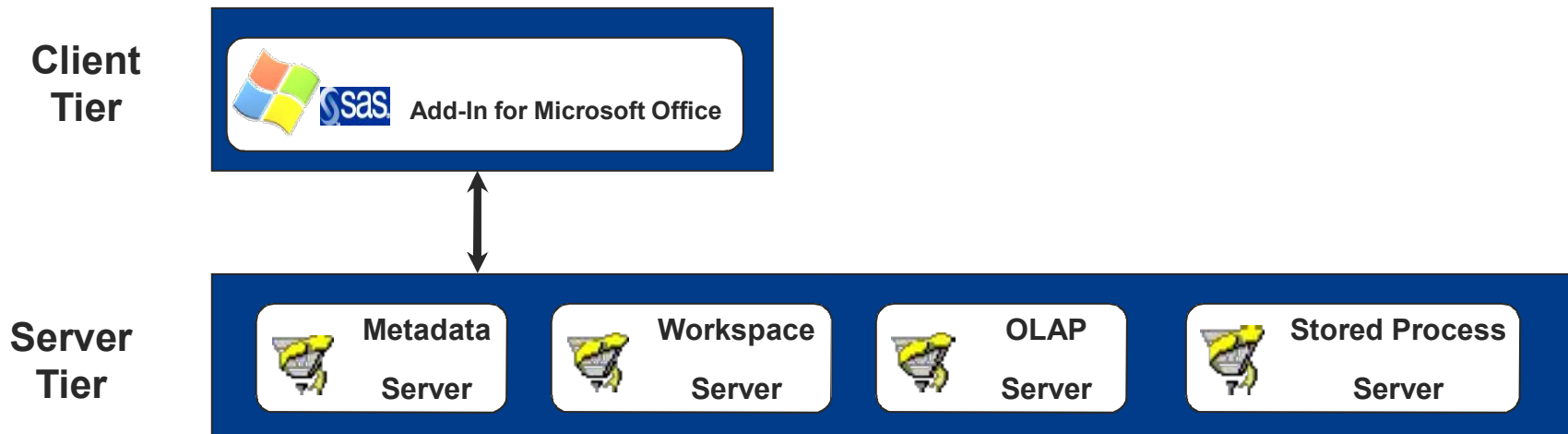


Agenda

- Software perspective
- Capabilities of the SAS Add-in for MS Office
- Demo
- Conclusion / Questions

Software perspective

- The SAS Add-in for MS office is not sold alone
- It is part of the **SAS BI Server** offering



Capabilities of the SAS Add-in for MS Office

- embed SAS reports and analytics into Microsoft Office applications using stored processes
- access SAS data on one or more servers within Microsoft Excel
- manipulate results and distribute them with existing Microsoft Office functionality
- access and analyze more than 65,536 rows and 256 columns of data in Microsoft Excel
- publish workbooks, documents, or slide shows to your company's repository

SAS Data Sources

The SAS Add-In for Microsoft Office allows you to work with the following types of data sources:

- SAS data sources
- Microsoft Excel spreadsheets
- SAS Information Maps
- SAS OLAP Cubes

Demo: Using the Add-I from MS Excel

The screenshot shows the Microsoft Excel interface with the following elements highlighted:

- SAS Menu:** The 'SAS' menu item in the top menu bar is circled in red.
- SAS Analysis Tools Toolbar:** A toolbar below the menu bar containing icons for 'Analyze Data', 'Reports', and 'SAS Favorites' is highlighted with a red box.
- SAS Data Tools Toolbar:** A toolbar below the analysis tools toolbar, containing navigation and data manipulation icons, is highlighted with a red box.

| | A | B | C | D | E |
|----|-----|--------------|--|----------------------|---------------------|
| | | Product ID | Product Name | Product Reference ID | Product Group |
| 1 | | | | | |
| 2 | 501 | 210200700016 | Strap Pants 3BO | | |
| 3 | 502 | 210200700017 | Suit Flounced Suit | | |
| 4 | 503 | 210200700018 | Suit Flounced Suit 95% Cotton 5% Lycra | | |
| 5 | 504 | 210200700019 | Suit Long-sleeved Suit | | |
| 6 | 505 | 210200700020 | Upright Shoe Balance Shoes | | |
| 7 | 506 | 210200800000 | Orion Kid's Clothes | | |
| 8 | 507 | 210200800001 | Soccer Children's Homeshirt | 210200800000 | Orion Kid's Clothes |
| 9 | 508 | 210200800002 | Soccer Children's Homeshorts | 210200800000 | Orion Kid's Clothes |
| 10 | 509 | 210200800003 | Soccer Jr. Cap | 210200800000 | Orion Kid's Clothes |
| 11 | 510 | 210200900000 | Osprey, Kids | | |
| 12 | 511 | 210200900001 | D. Line Sweat Suit | | |
| 13 | 512 | 210200900002 | D.line Shorts Cotton | | |
| 14 | 513 | 210200900003 | D.line Sweat Suit | | |

In summary,

- Use the tools you already master: MS Office
- Access a wide variety of Data sources
- Remove the limitations of Excel in terms of the number of rows and columns
- Leverage the analytical tasks of SAS Procs and Stored Processes

Questions?



THE
POWER
TO KNOW®

Thanks!

Sylvain Tremblay
sylvain.tremblay@sas.com