



Connecting the Dots...How OSISOFT Leverages Microsoft Technology Across the RtPM Platform

Christian R. Luckock
Technical Strategist
OSISOFT

Agenda

- Explanation of the following technologies:
 - SQL Server 2005
 - Windows Vista
 - Office 2007
 - Windows Mobile
- Discuss what OSIsoft will do to leverage these technologies and why



SQL Server 2005 Defined

- Enormous gains in:
 - Scalability
 - Reliability
 - Performance
- New and improved Business Intelligence (BI) suite
- SQL Express (free SQL Server 2005)

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SQL Server 2005 and OS/soft

- SQL Server 2005 is the heart and soul of Foundation (OS/soft Data Directory) data storage
- Foundation will ship with SQL Express, which is a free but limited version of SQL 2005
- The query capabilities of SQL Server 2005 will enable OS/soft to support a rich search model
- More research underway

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Windows Vista Defined

- WinFX
- Windows Presentation Foundation
- Windows Communication Foundation
- WinFS
- Windows Workflow Foundation

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WinFX

- A consistent programming model across all Windows Vista features
- A single, intuitive, "right way" to do common tasks
- High-level class libraries that encapsulate common tasks
- A familiar programming paradigm that builds on existing skills
- A framework that is "tool-friendly"

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Windows Presentation Foundation

- Formerly code named “Avalon”
- Governs how Windows creates, displays, and manipulates documents, media, and the user interface (UI)
- Will be available on Windows XP, Windows Server 2003, and all future releases of the Windows operating system
- First new UI framework since the release of Win32 in early 1993.

Windows Communication Foundation

- Formerly code named “Indigo”
- Microsoft's next-generation Web services technology
- Radically simplify how the next generation of connected systems are built

WinFS

- File storage subsystem that combines relational database concepts, XML and NTFS
- Organizing files will be far more intuitive and “purpose-centric” than today’s fixed, hierarchical chaos

Windows Workflow Foundation

- Built-in Workflow for Windows
- A workflow is a set of activities stored as a model that describes a real world process.

Windows Vista and OSIssoft

- All of the managed (.NET) OSIssoft code will be migrated to the WinFX platform
- WCF will be adopted by all outward facing communications
- Lots more research underway at OSIssoft to determine how to leverage these new technologies to achieve a richer end user experience (UX)

Office 2007 Defined

- Formerly code named Office “12”
- > 20 Applications and Servers
- Brand new User Interface
- Excel Services
- XML Based File Formats

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Office 2007 Client Applications

- Microsoft Office Access 2007
- Microsoft Office Communicator
- Microsoft Office Excel 2007
- Microsoft Office Groove 2007
- Microsoft Office InfoPath 2007
- Microsoft Office OneNote 2007
- Microsoft Office Outlook 2007
- Microsoft Office PowerPoint 2007
- Microsoft Office Project Standard 2007
- Microsoft Office Project Professional 2007
- Microsoft Office Publisher 2007
- Microsoft Office SharePoint Designer 2007
- Microsoft Office Visio® Standard 2007
- Microsoft Office Visio Professional 2007
- Microsoft Office Word 2007

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Office 2007 Servers

- Microsoft Office Forms Server 2007
- Microsoft Office Groove Server 2007
- Microsoft Office Project Server 2007
- Microsoft Office Project Portfolio Server 2007
- Microsoft Office SharePoint Server 2007

Word 2007 User Interface



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Excel 2007 User Interface

Top Performers - Microsoft Excel

Sheet Insert Page Layout Formulas Data Review View

Clipboard Font Alignment Number Cells Editing

Based on revenue and margin growth

Best Performers

Departments	2002 Revenue	2003 Revenue	2004 Revenue	Growth	Margin Growth
Furniture	\$ 116,900.00	\$ 128,300.00	\$ 150,100.00	22.12%	2.00%
Housewares	\$ 134,072.73	\$ 148,972.73	\$ 172,000.00	22.05%	2.29%
Electronics	\$ 145,100.00	\$ 154,400.00	\$ 173,350.00	16.30%	2.43%
Kitchens	\$ 123,200.00	\$ 130,600.00	\$ 135,900.00	9.35%	1.48%
Hardware	\$ 129,400.00	\$ 134,550.00	\$ 141,150.00	8.32%	2.29%

Worst Performers

Departments	2002 Revenue	2003 Revenue	2004 Revenue	Growth	Margin Growth
Books	\$ 93,550.00	\$ 98,900.00	\$ 103,000.00	3.98%	-0.87%
Toys	\$ 242,300.00	\$ 277,900.00	\$ 279,005.00	3.20%	-4.79%
Clothing	\$ 159,009.09	\$ 180,027.27	\$ 184,765.50	2.56%	-1.38%
Sundries	\$ 110,233.33	\$ 117,566.67	\$ 119,457.00	1.58%	-1.32%
Office Supplies	\$ 108,633.33	\$ 113,300.00	\$ 114,034.60	0.64%	-1.05%

Final Report

Ready

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Office 2007 Contextual Tabs

Marketing Strategy - Microsoft PowerPoint

Slides Insert Design Animations Slide Show Review View **Table Tools** Design Layout

☒ Header Row ☐ First Column
☐ Total Row ☐ Last Column
☒ Banded Rows ☐ Banded Columns

Quick Style Options

Table Styles

1 pt Pen Color Draw Table Eraser Draw Borders

Widget Sales By Year

Widget Model	2002	2003	2004	2005
Basic	\$102,900	\$141,545	\$180,775	\$202,450
Intermediate	\$343,550	\$320,470	\$377,485	\$411,915
Advanced	\$45,440	\$51,600	\$77,010	\$80,105



- Basic
- Intermediate
- Advanced

Slide 1 of 3 "Deluxe" 71%

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Office 2007 Excel Services

- Provide browser-based access to spreadsheets
- Incorporate spreadsheets in portals and dashboards
- Limit access to spreadsheets either for regulatory and audit concerns or to protect intellectual property in spreadsheets
- Eliminate “multiple versions of the truth” – or many copies of the same spreadsheet that are out of sync with each other
- Leverage servers to offload long-running calculations from desktop machines

Office 2007 XML Based File Formats

- End of proprietary binary format which is mostly unreadable by end users and external applications
- Custom applications will be able to get data from within the contents of an Office document without having to load an Office application
- Decreased file size

Office 2007 and OSIssoft

- Immediate plans to upgrade DataLink to use the new Office UI paradigm
- DataLink will leverage the new Excel Services technology
- Plans to migrate existing RtPortal Web parts to the next generation of Windows SharePoint Services (WSS).

Windows Mobile Defined

- Windows Compact Framework 2.0
 - Smart client mobile applications that consume web services
- ASP.Net 2.0
 - Web applications that are aware of and adapt to the target mobile Web browser, whether it be a cell phone or a Windows Mobile-based Pocket PC

Windows Mobile and OSIssoft

- OSIssoft has a mobile device product (ManualLogger 2.0)
- OSIssoft relies on partners for mobility extensions to the RtPM platform
 - Transpara's Visual KPI
 - SAT's IntelaTrac

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In Closing

- Office 2007, Windows Vista, and SQL 2005 are 3 of the largest software endeavors from Microsoft in a long time
- These technologies will take on a significant role in familiar OS/soft products
- Microsoft's new products and product changes will produce a positive impact on OS/soft customers
- Enjoy the rest of your User Conference!

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Questions?

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