BI i SharePoint 2010

SQLBI møde nr. 14

d. 20. december 2011

Just Thorning Blindbæk

- Konsulent i justB
- MCITP og MCT
- Arbejdet med Microsoft Bl i 6 år
- Stærkt fokus på front-end
 - Analysis Services
 - Reporting Services
 - PerformancePoint Services
 - Excel og PowerPivot
- just@blindbaek.dk



Agenda

Introduktion

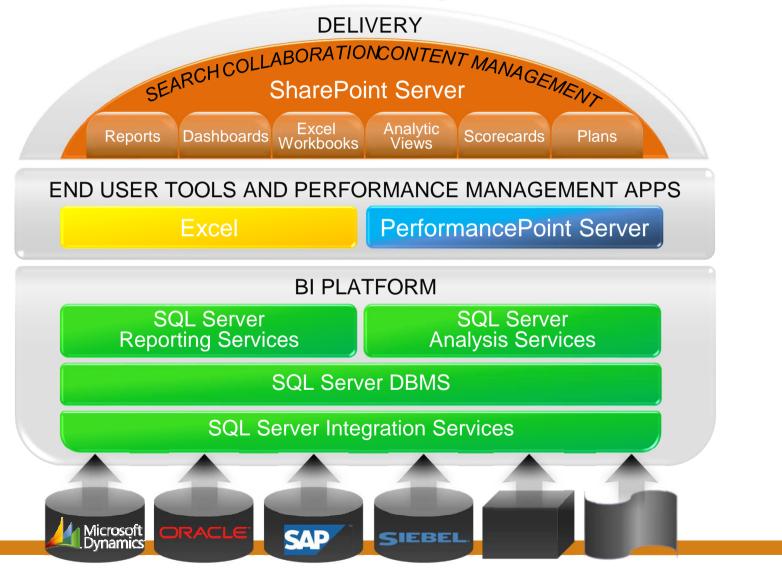
- Business Intelligence Center
- PerformancePoint Services
- Excel Services
- Reporting Services Integration
- Business Connectivity Services
- Visio Services
- PowerPivot Integration

Demonstration

- Gennemgang af SharePoint som BI portal
- Excel Services, Reporting Services og PerformancePoint Services
- Hvad er fordele og ulemper ved de forskellige teknologier og hvordan kan de spille sammen.
- Business Connectivity Services
- Microsoft Online Demo Solutions mssalesdemos.com



The Microsoft BI burger



Use what you already own

Business User Experience



Business Collaboration Platform



Data Infrastructure and BI Platform



Familiar tools for end users

- Self-service access and insight
- Data exploration and analysis
- Predictive analysis
- Rich, contextual data visualization

Integrated content and collab.

- Thin client experiences
- Scorecards and Dashboards
- Collaboration
- Search

Sound and scalable platform

- Analysis Services
- Reporting Services
- Integration Services
- Master Data Services
- Data Warehousing

Kilde: Microsoft

Microsoft SharePoint 2010 Ribbon UI SharePoint Workspace SharePoint Mobile Office Client and Office Web App Integration **Business Connectivity Services Standards Support** InfoPath Form Services External Lists Workflow SharePoint Designer Visual Studio **Sites API Enhancements** Tagging, Tag Cloud, Ratings REST/ATOM/RSS Social Bookmarking **Blogs and Wikis** Composites Communities My Sites **Activity Feeds Profiles and Expertise Org Browser** PerformancePoint Services SharePoint **Excel Services** Chart Web Part Insights Content Visio Services Web Analytics **SQL** Server Integration PowerPivot **Enterprise Content Types** Metadata and Navigation Search **Document Sets** Multi-stage Disposition Audio and Video Content Types Social Relevance Remote Blob Storage Phonetic Search List Enhancements **Navigation** FAST Integration **Enhanced Pipeline**

SharePoint Business Intelligence (Insights)

- PerformancePoint Servicer er blevet til PerformancePoint Services
- ProClarity opkøbet er implementeret i Sharepoint (PPS)
- Rapportering fra SQL Server (SSRS)
- Web formularer med Forms Services (InfoPath)
- Server-based Excel regneark (Excel Services, Excel Web App)
- Web Parts til dashboards, key performance indicator (KPI) mv.
- "Report Center" skabelon til publisering og samarbejde med rapporter
- Business Connectivity Services (BCS) for adgang til data i bagvedliggende systemer/applikationer
- Visio Services til grafisk visualisering (data drevet)
- PowerPivot (Excel og Sharepoint)



Sammenligning af tools

		Performance Point Services	Reporting Services	Excel Services	Excel	PowerPivot for Excel
Prototyping	Data Model				Х	Х
	(Information) objects				X	
	New data area analysis					X
	Data profiling					X
Reporting	Integrated dashboard on BI Portal	X				
	Distribution		X			
	Print		×			
	Export		X			
	Standard report		X	X		
	Pixel perfect (customized) reporting		X	(x)		
Analysis	Decomposition	X				
	User defined data model					X
Functionality	Change measures (predefined set)	X			X	
	Change pivoting (predefined set)	X			X	
Interactivity	Drill through (predefined path)	X	(x)			
	Pivoting (predefined path)	X	(x)	X		
Data sources	OLAP	×	Χ	×	Χ	×
	Relational		×	(x)	X	×
	Excel			(x)	X	×
	Other			(x)	Χ	X

Business Connectivity Services



- Eksterne data som en SharePoint liste
 - Budget data
 - Sort columns
 - Lookup tables
 - Dimension attributes
- CRUD (Create, Read, Update, Delete)
- Nem UI og navigation
- Sorter, filtrer og grupper

Yderligere ressourcer

Microsoft Online Demo Solutions:

http://mssalesdemos.com

PerformancePoint Services Blog:

http://blogs.msdn.com/performancepoint