



OSIsoft.

REGIONAL SEMINAR

A P A C

The Power of Data

INDIA



Streaming Business Analytics: The Power of Data

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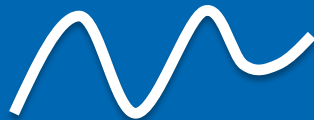
Insights for any data, any size, anywhere



Insight



Time Series



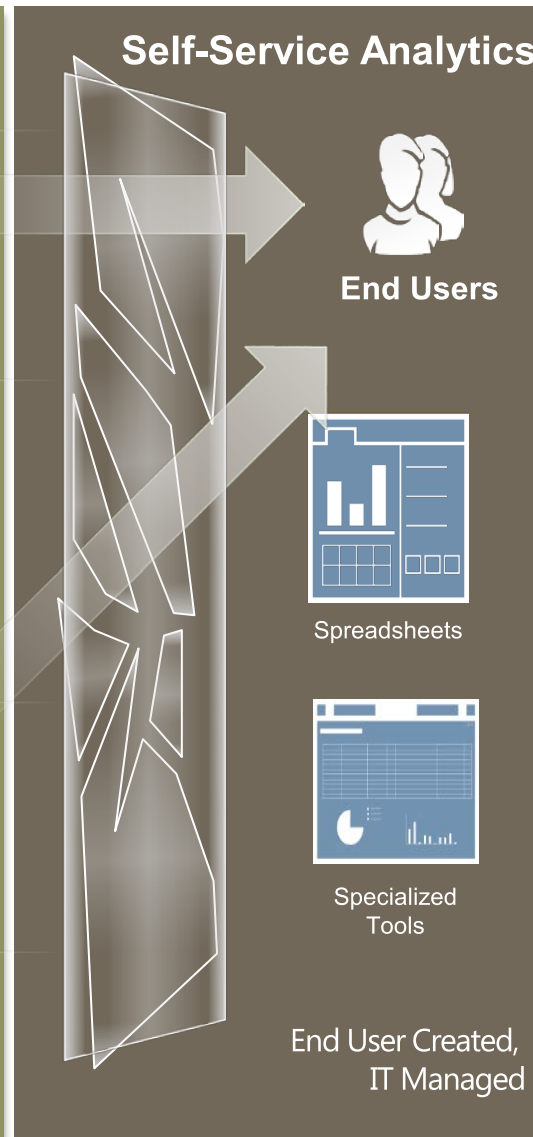
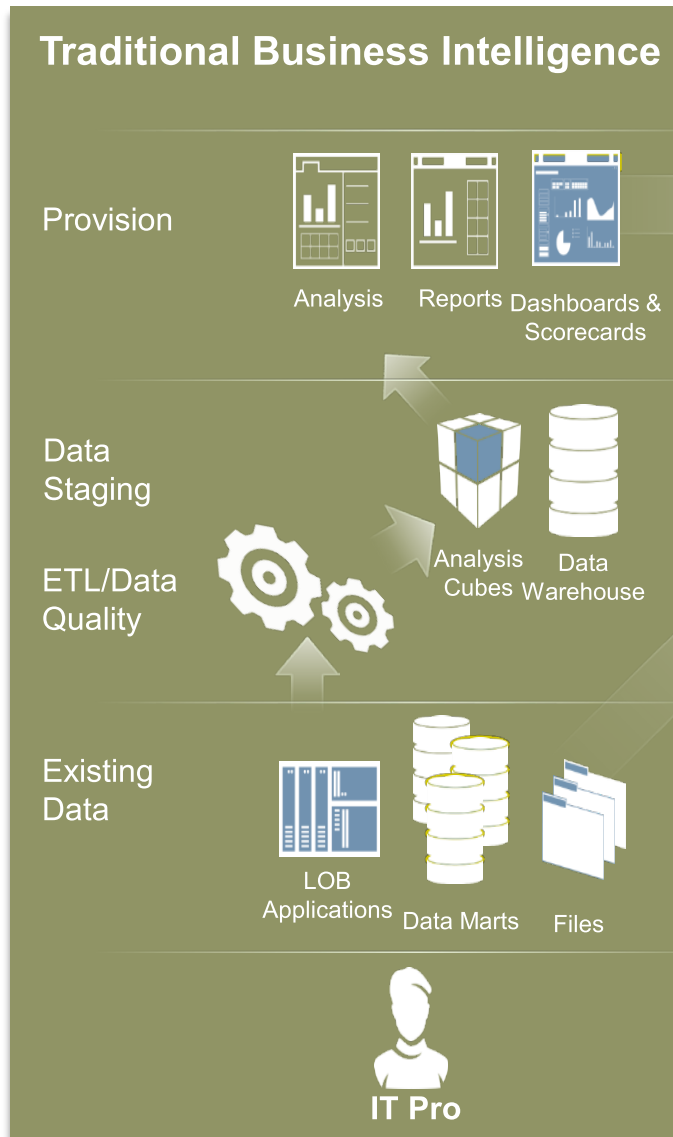
Relational



Unstructured



Self-Service Analytics



Microsoft Analytics Building Blocks



SharePoint
search and
dashboards



SharePoint
scorecards



Excel
workbooks



PowerPivot
applications



 Microsoft®
Office



Microsoft®
SharePoint 2010



Analysis
services



Integration
services



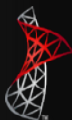
Reporting
services



Master data
services



Microsoft®
SQL Server 2012
Business Intelligence



Microsoft®
SQL Server

**Other
Databases**



Microsoft
Dynamics

LOB apps Odata feeds

5

Microsoft business intelligence is ...

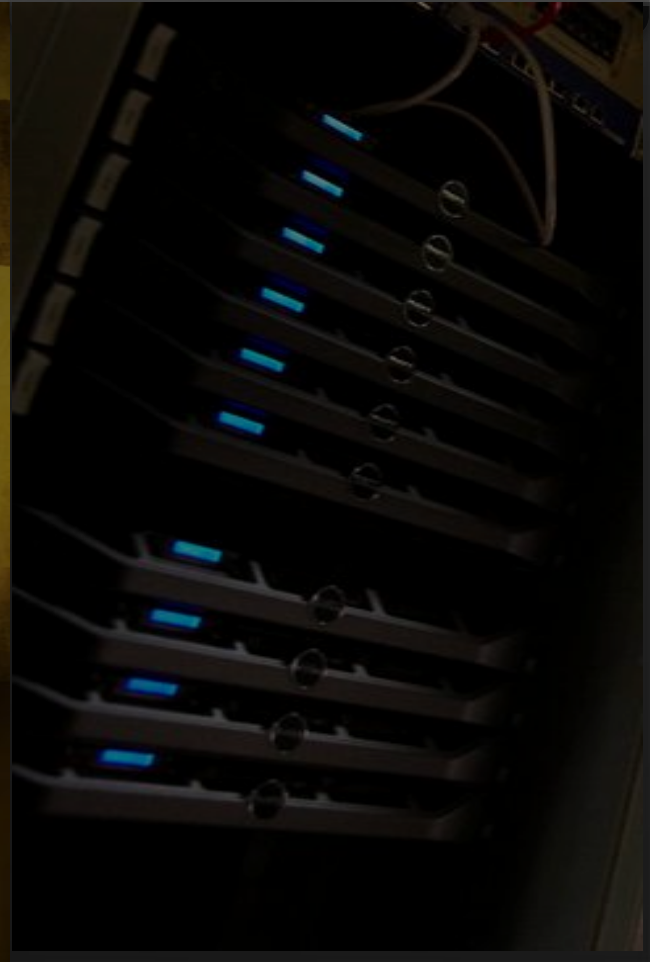
Familiar



Collaborative



Complete

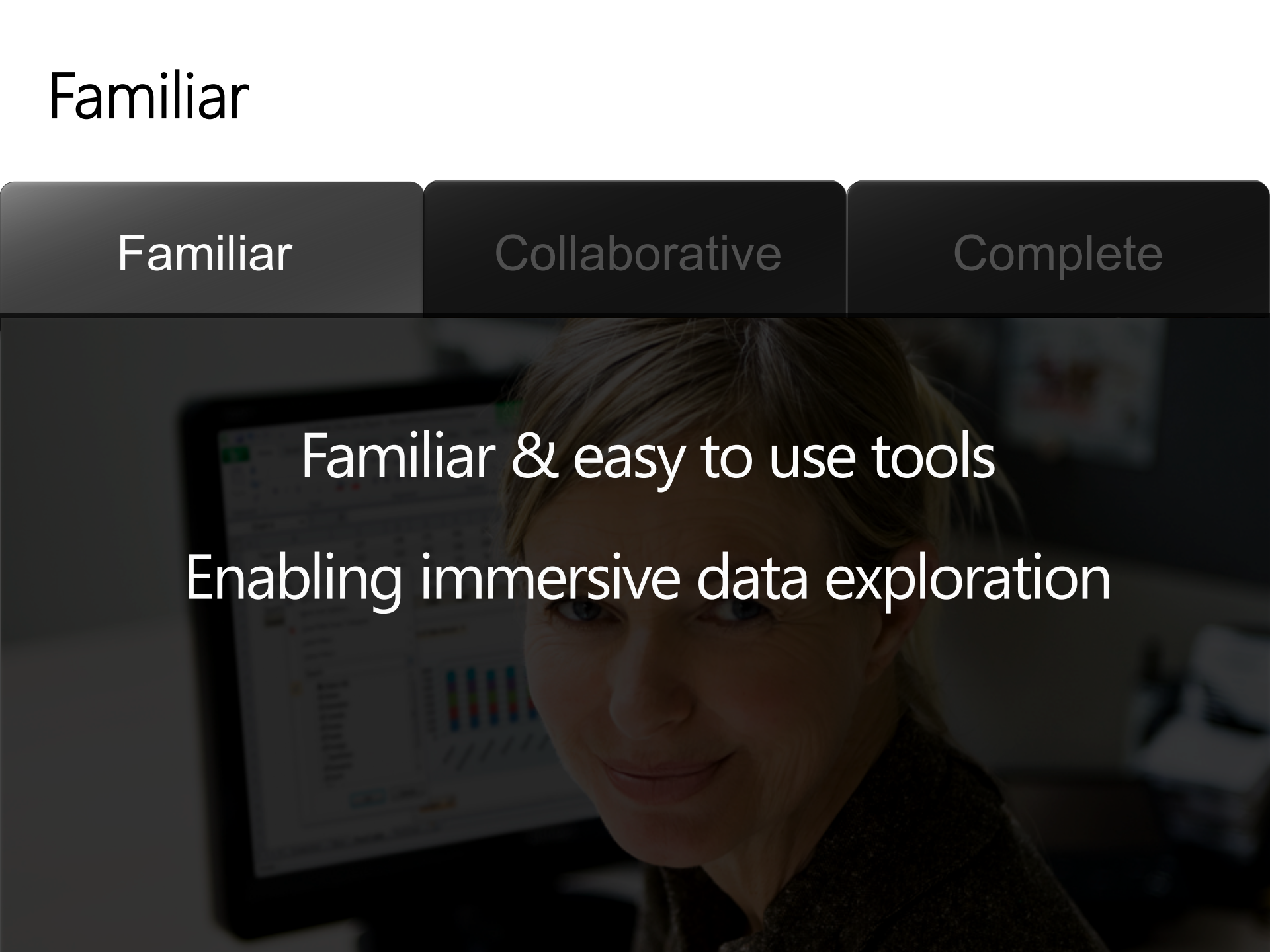


Familiar

Familiar

Collaborative

Complete

A woman with blonde hair is smiling and looking towards the camera. In the background, a computer monitor displays a data visualization with various charts and graphs. The overall scene is dimly lit, with the woman's face and the monitor screen being the primary light sources.

Familiar & easy to use tools
Enabling immersive data exploration

Empowering users through familiar tools



- Familiar experiences for rapid data exploration and discovery with Excel.
- Powerful data mash-up capabilities for self-service analysis with PowerPivot.
- Rapid data exploration and visualization with PowerView.

Power view



Highly Visual Design Experience

- Interactive, web-based authoring and sharing of information
- Familiar Microsoft Office design patterns
- Powerful data layout with banding, callout and small multiples visualizations



Rich metadata-driven interactivity

- Fully integrated with PowerPivot and BI SM
- Drive greater insight through smart and powerful querying
- Zero configuration highlighting and filtering

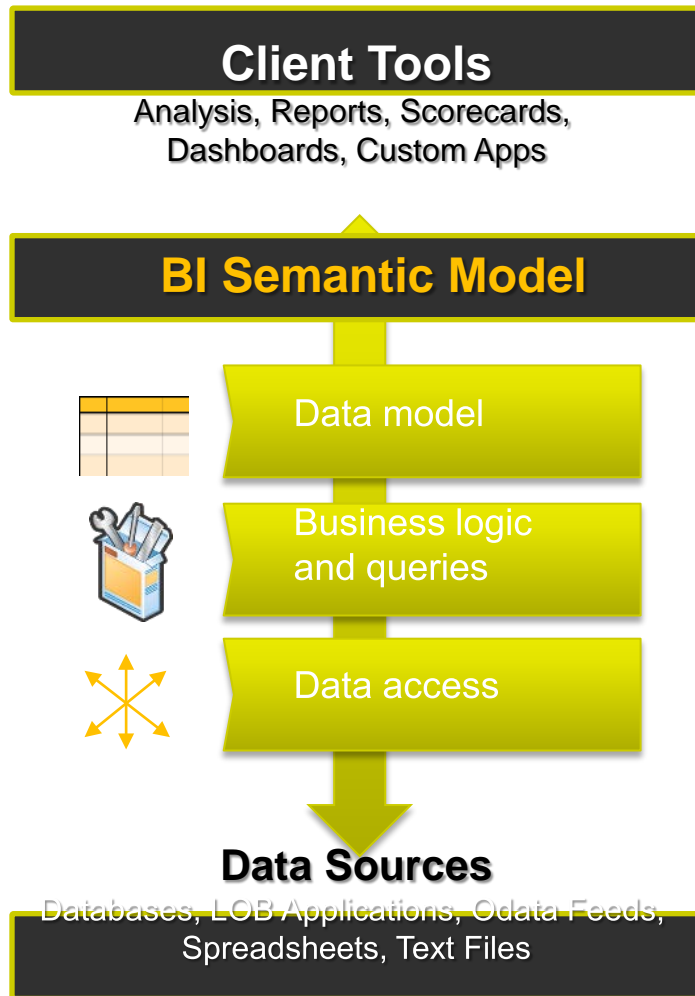


Presentation-ready at all times

- Turn pervasive information into persuasive information
- Deliver and collaborate through SharePoint
- Interactive at all times

BI semantic model

A single model for all end user experiences



BI Semantic Model

- Enables a wide spectrum of capabilities – from dashboards and scorecards to reports and analytics.
- Enhance productivity with design aids and best practices.

New Tabular mode:


- Enable faster iteration and reduce complexity in design.
- In-memory column store technology
- Import PowerPivot Models into BI Development Studio in Visual Studio 2010

Collaborative

Familiar

Collaborative

Complete

The background of the lower half of the slide features a dark, textured world map. Overlaid on this map are the black silhouettes of two men in business suits, standing and shaking hands. The text is centered over this image.

Connect people & information
On the most popular collaboration platform

Better decisions through ease of collaboration



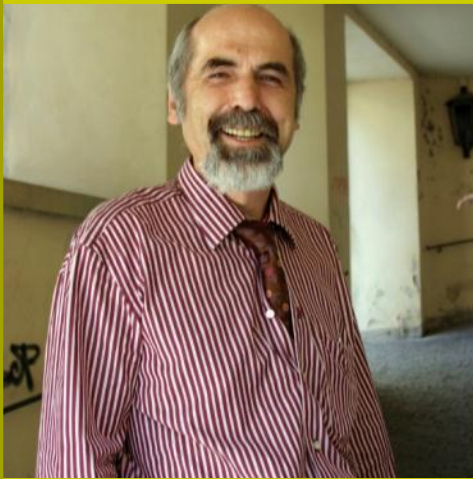
- Find expertise & valuable information;
- Connect with colleagues;
- Engage in team discussions and threaded conversations;
- Share & collaborate on documents;

... in **SharePoint.**



Engineers

Self service
access



Managers

Always up to date
when I need it.



IT

Secure and easy
to manage.



Analysts

In the applications
that I use.

Complete

Familiar

Collaborative

Complete

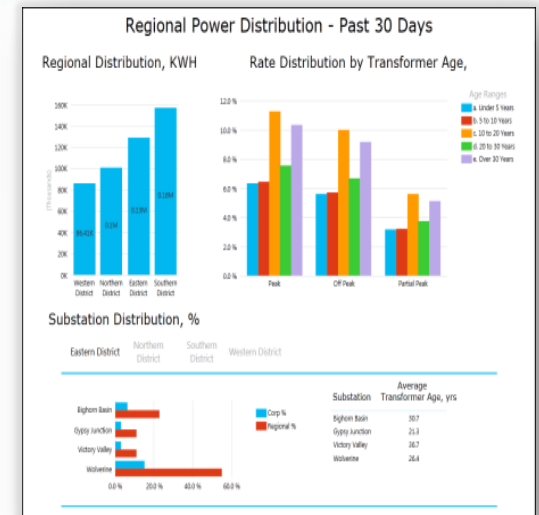
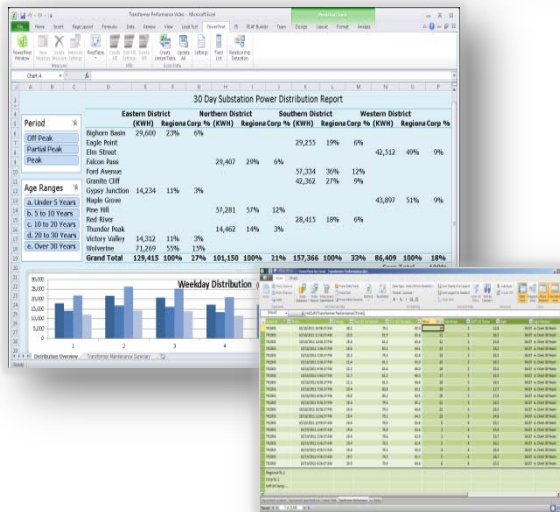
A person wearing a yellow shirt and glasses is working on a server rack in a data center. The person is holding a tablet and looking at the server. The background shows rows of server racks with blue lights.

Any Data, Any Size, Anywhere
Across Relational and Non-Relational

Business Analytics Toolkit



Microsoft®

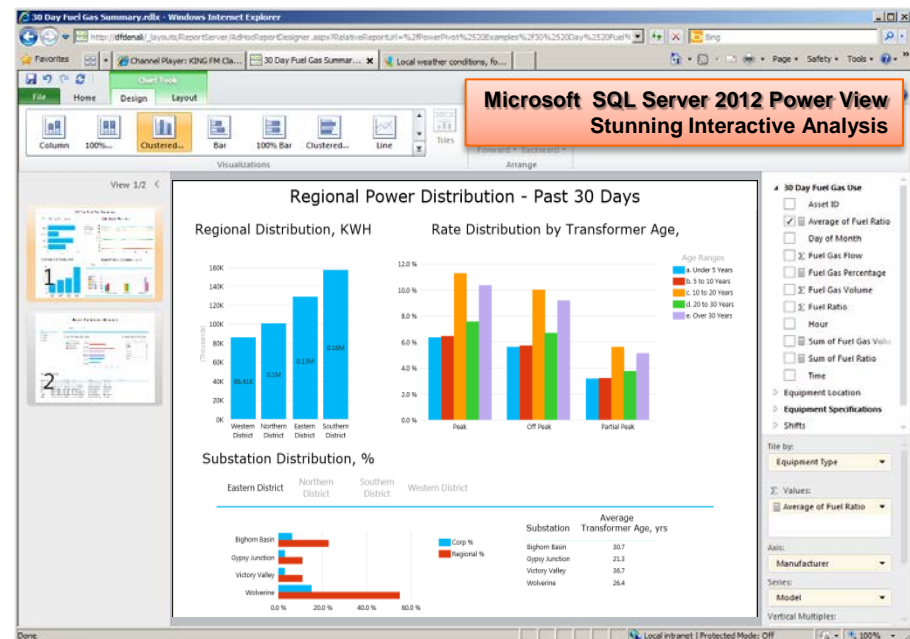


PowerPivot for Excel 2010



Power View

OSisoft | Microsoft - Streaming Business Analytics



Microsoft Reference Architectures (MURA, ChemRA, SERA)



http://74.217.101.216/PowerPivot%20Gallery/Forms/Carousel.aspx?InitialTabId=Ribbon%2EDocument&VisibilityContext=WSSTabPersistence

PowerPivot Gallery

Site Actions ▾ Browse Documents Library Curt Hertler ▾

New Open & Check Out Manage Share & Track Copies Workflows Tags and Notes

Recycle Bin All Site Content

Transformer Performance

Last Modified By: Curt Hertler, Date: 4/6/2012
Created By: Curt Hertler

Distribution Overview

Server Performance Dashboard

Microsoft Corporate Server Performance

Average CPU Use %

Average Memory Use %

Free Disk Space TB

30 Day Substation Power Distribution Report

Northern District				Southern District				Western District			
Regional %	Corp %	(KWH)	Regional %	Corp %	(KWH)	Regional %	Corp %	(KWH)	Regional %	Corp %	(KWH)
22.9%	6.24%										
		29,407	25.1%	6.20%				25,255	18.0%	6.17%	
											42,512
											45.2%
											8.96%
11.0%	3.00%										
		57,283	56.6%	12.08%							43,897
											50.8%
											9.25%
14.4%	3.05%										
		34,482	14.3%	3.05%							28,413
											18.1%
											5.99%
11.1%	3.02%										
		53,516	15.02%								
100.0%	27.28%	101,150	100.0%	21.32%	157,366	100.0%	33.18%	86,409	100.0%	38.22%	
											Corp Total
											100.00%

Regional Distribution by Weekday (KWH)

Bar chart showing KWH distribution by weekday (3, 4, 5, 6, 7) for Eastern District, Northern District, Southern District, and Western District.

Transformer Maintenance Summary

Differential Oil Temperature

Thermal Fault

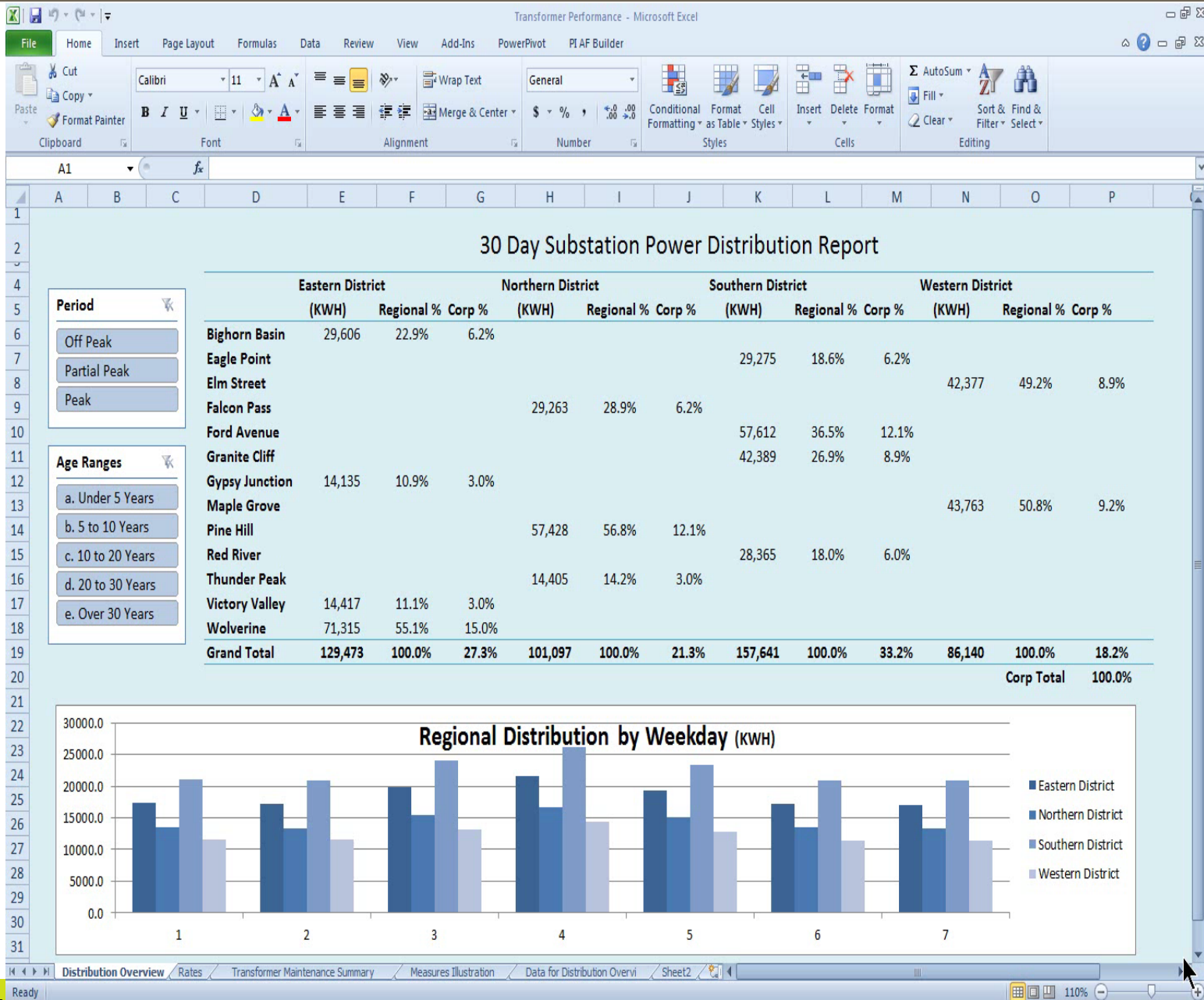
Conditions by Manufacturer

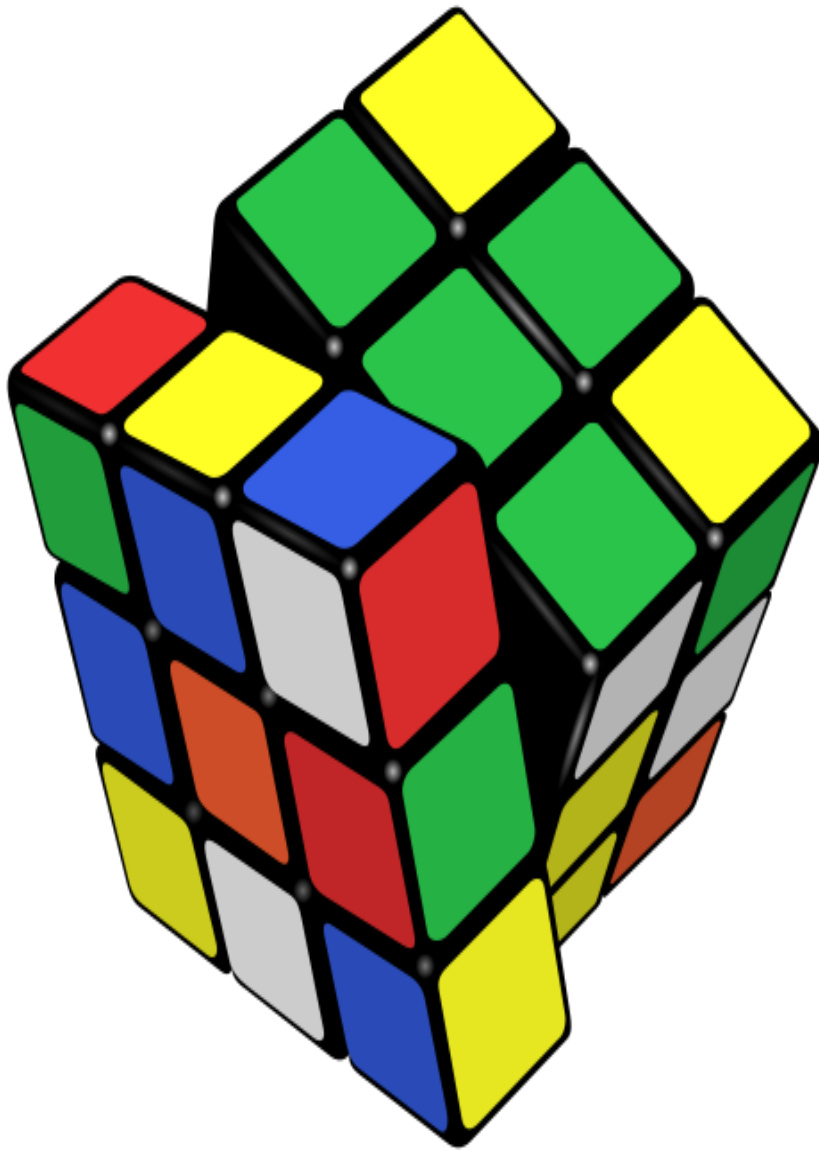
Done

Trusted sites | Protected Mode: Off

100%

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Project Rubik

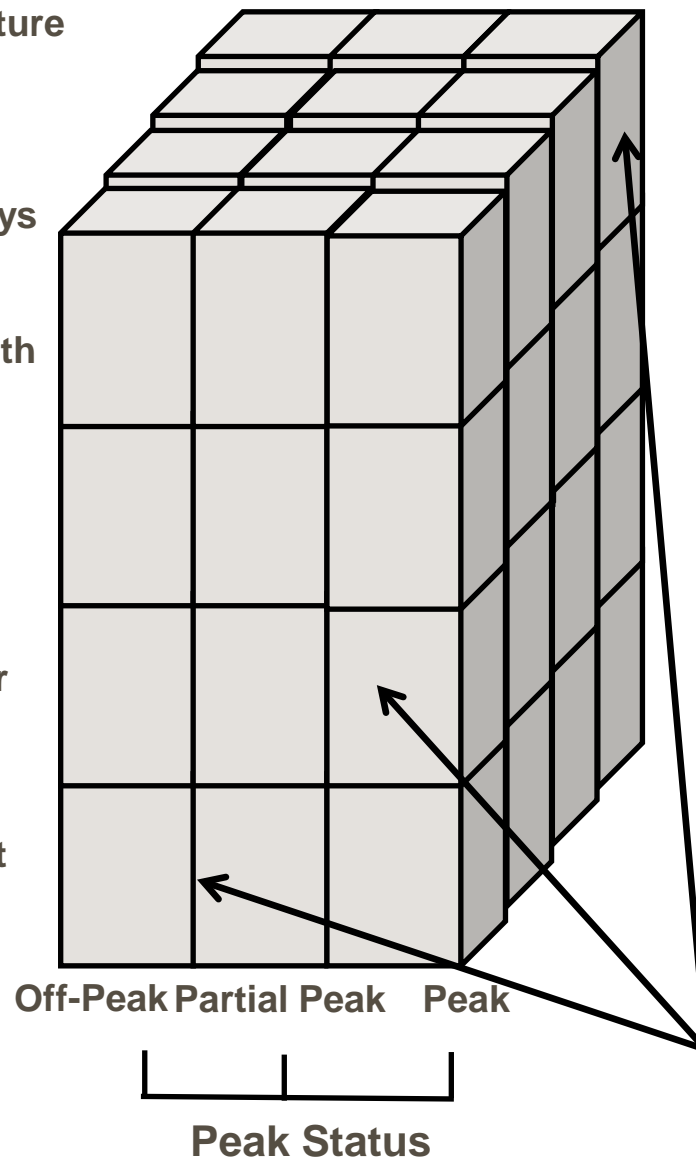
Weather

- Temperature
- Wind Speed
- Heat Index
- Cooling Degree Days

Date & Time

- Month
- Day
- Hour
- Shift

Slicers



Show me the
total energy
cost

For the first
shift

During Peak
Status

Facts (Energy Cost)

Microsoft and OSISoft global alliance

18

Partnership Years



2011 PARTNER OF THE YEAR

Sustainability

Winner



2011

Winner | Sustainability

2010

Finalist | Industry

2010

Finalist | Line of Business

2009

Winner
Office Business Application

2009

Winner | Industry

2009

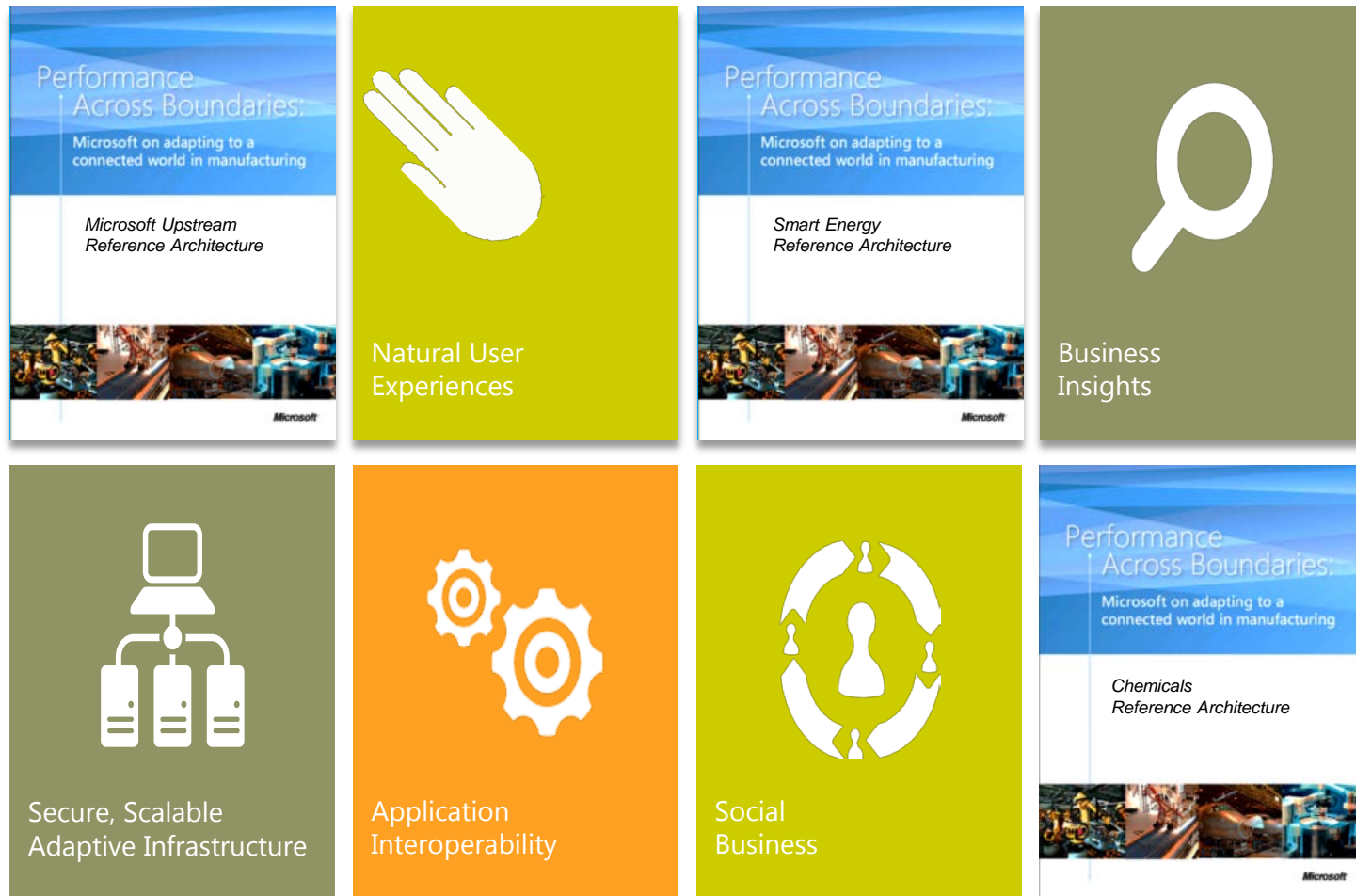
Finalist | Software Solutions



Setting Standards

Partner of the Year

charter member of Microsoft reference architectures



THANK YOU



Diamond Sponsor

Microsoft[®]

THANK YOU

Silver Sponsors



LARSEN & TOUBRO

It's all about Imagineering

