

POWER BI

DAS neue BI Tool von Microsoft!?

Wolfgang Strasser

wolfgang.strasser@gmx.at

twitter.com/wstrasser

2017
Global Azure
BOOTCAMP

Danke....



About me – Wolfgang Strasser

Consultant

Software, Business Intelligence and DWH



SQL Server, SSIS, SSAS, SSRS, Power BI, Azure, ...



PASS Austria

SQLSaturday Vienna Organizer



@wstrasser
wolfgang.strasser_AT_gmx.at
workingondata.wordpress.com

Unser Fahrplan für heute

Mit Power BI positioniert Microsoft ein neues Business Intelligence / Reporting Framework im Markt. Die zentrale Frage dabei: Ist es die Lösung für alle Auswertefragen?

- Welche **Möglichkeiten** der Datenanbindung bestehen?
- Wie kann ich die **Daten** so **aufbereiten** um möglichst gut meine Reporting Anforderungen zu adressieren?
- Wie und wo kann ich **Power BI Berichte konsumieren**?
- Wie kann eine **Verteilung** der Power BI Berichte im Unternehmen aussehen?
- Für welche **Aufgaben** ist Power BI das ideale Tool? Welche **Aufgaben** können **besser** mit anderen Reporting Lösungen **gelöst werden**?
- Für meine Daten ist die **Cloud kein Thema** - kann ich trotzdem mit Power BI auswerten?
- **In welche Richtung geht die Power BI Reise?**

Power BI?



Wer hat schon einmal von Power BI gehört?

Wer hat Power BI bereits ausprobiert?

Wer hat Power BI bereits “wirklich” im Einsatz?

Wer hat nicht aufgezeigt?

A little bit of History



Power BI v1
Excel Add-Ins

Power BI v2
Powerbi.com

Power Query
Power Pivot
Power View
Power Map

powerbi.com
Power BI Desktop
Power BI Mobile Apps

Business Intelligence Challenges



End-to-end view

Data often resides in disparate locations, making it difficult to see a complete picture of your business



Multiple data sources

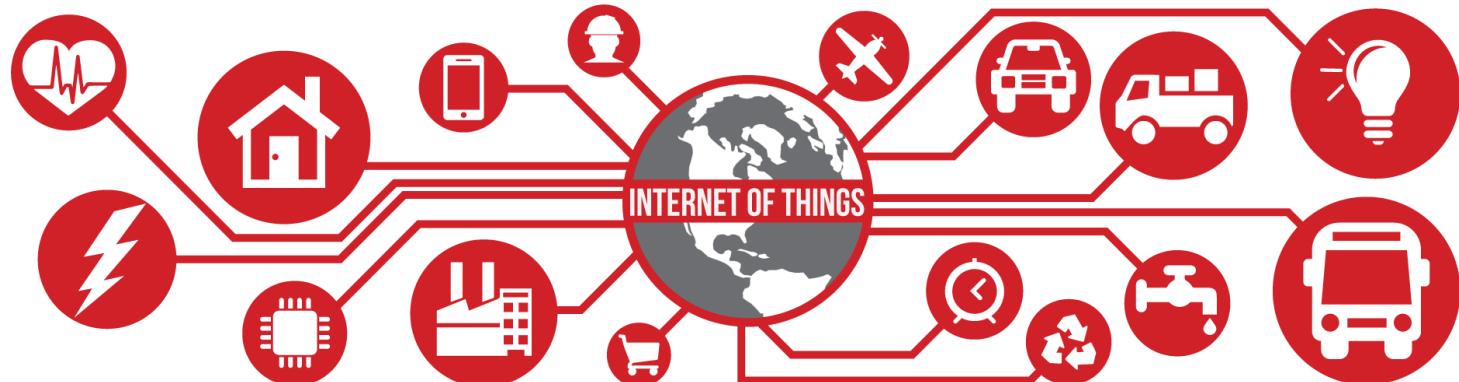
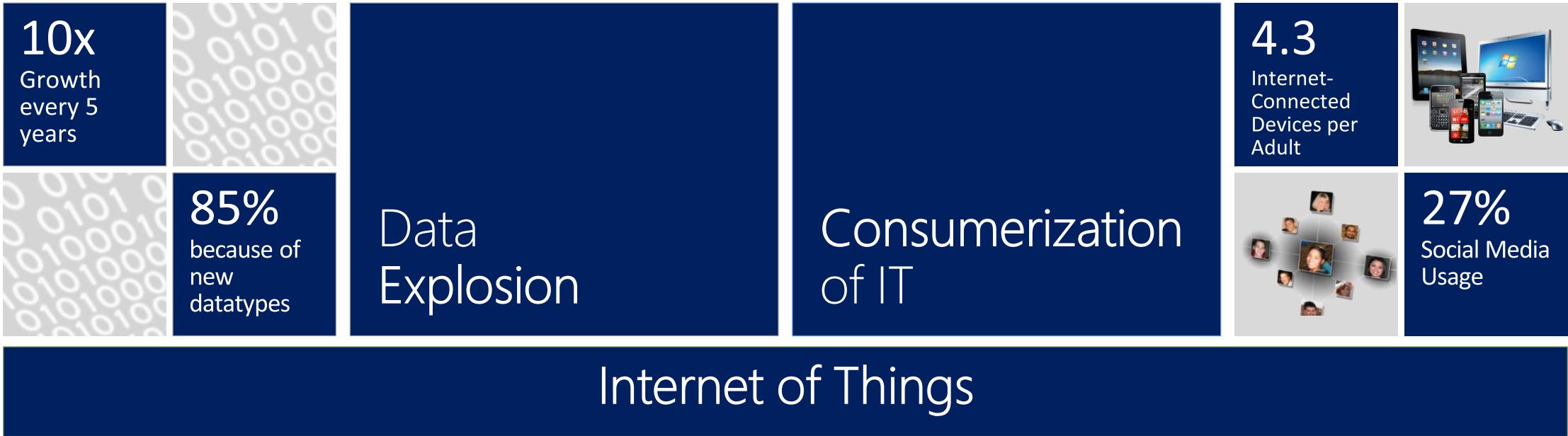
Data residing in SaaS solutions and other external locations is difficult to access and refresh securely



Right data for the right users at the right time

Different roles have different needs and business users need the latest operational data

The World Of Data is Changing



- Industrial Automation
- Smart Home
- Smart City
- Smart Health

History of Business Intelligence



IT & User

Technical BI



Analyst & User

Self Service BI



Everyone

End-User BI

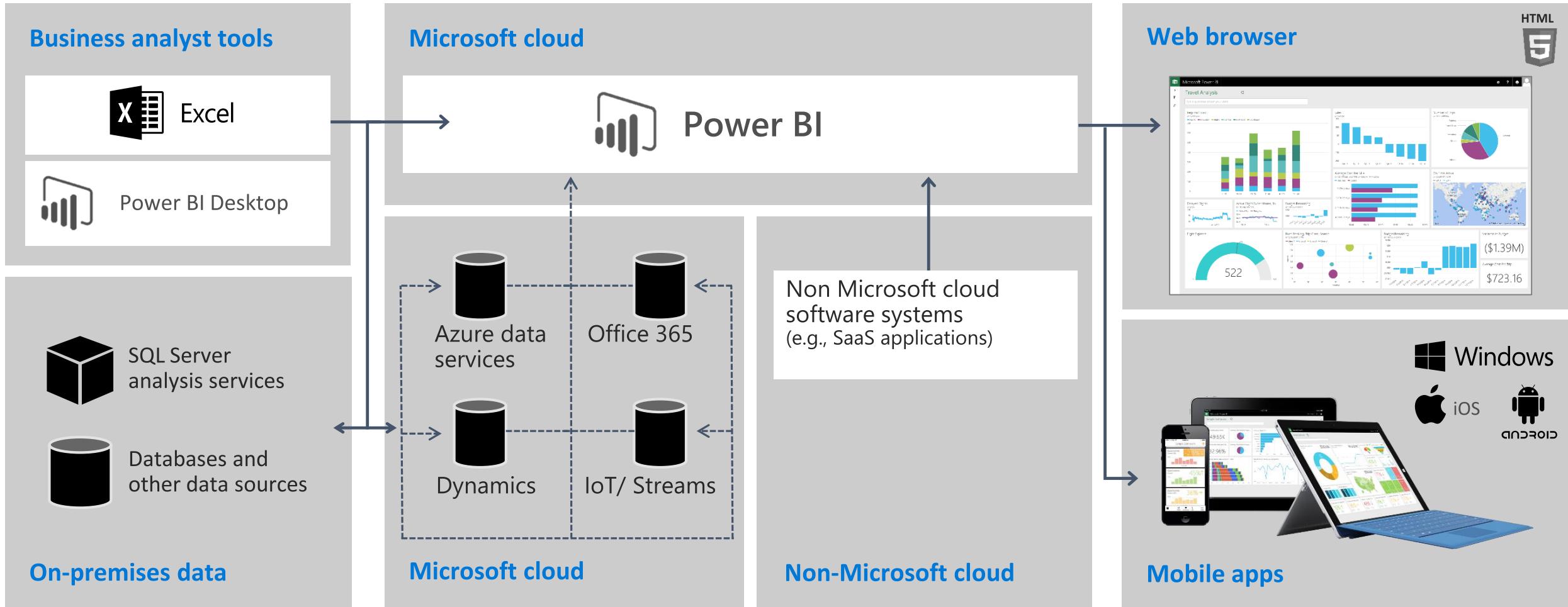
 Microsoft®
SQL Server®
Analysis Services

 PowerPivot

 Power BI



Power BI Architecture





Demo

powerbi.com



Datenanbindung
Datenaufbereitung



Konsumation Verteilung



Für welche Aufgaben?

Reporting Roadmap

Data Origin

On-Premises Enterprise applications & databases
Websites , Mobile Apps, Social Media, SaaS applications
Internet of Things

Diverging Reporting Requirements

Standard Reports, Self-Service, Mobile, KPIs, ..

Harmonization with Cloud Reporting

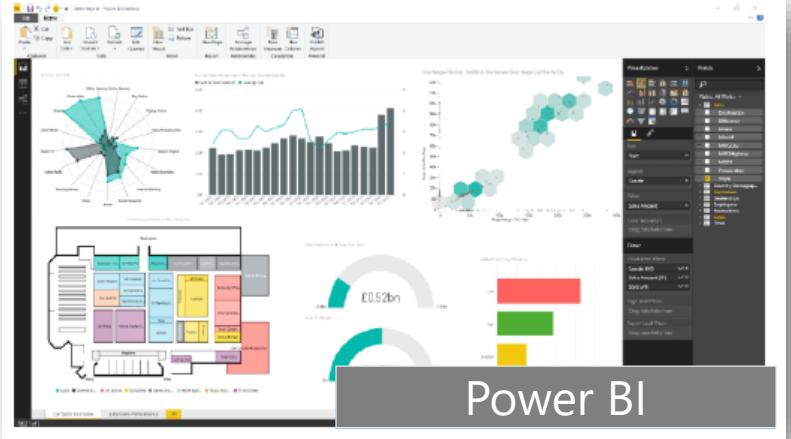
Cloud Parity

Focus on SQL Server Reporting Services

“One-Stop Shop”
Report Portal

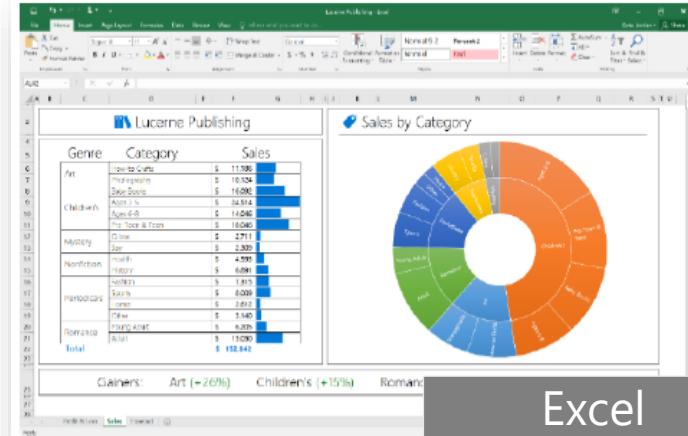
Report Types

Interactive Reports



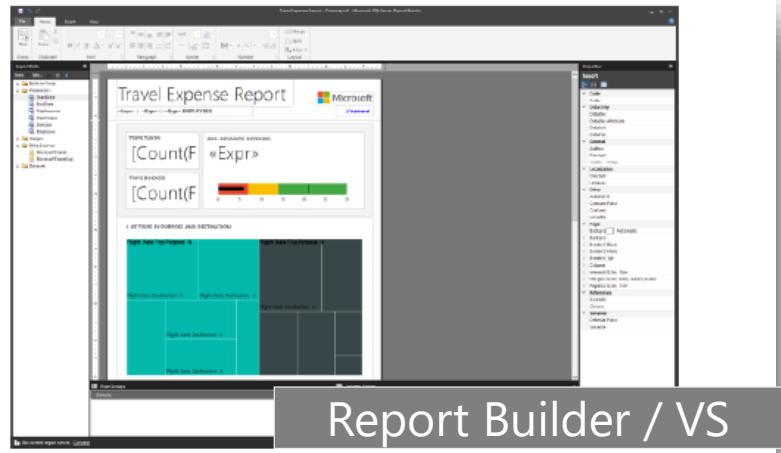
Power BI

Spreadsheet



Excel

Paginated Reports



Report Builder / VS

Mobile Reports



Mobile Reports

It depends..

Paginated Reports	Interactive Reports (Power BI)	Mobile Reports	Excel
Standard Reports / Lists			
Pixel Perfect Reports			
Self-Service BI			
Mobile Reports			
Export in Excel / PowerPoint			



Für uns keine Cloud...

On-Premises Gateway

 On-premises data gateway installer

Choose the type of gateway you need.

On-premises data gateway (recommended)

- Can be shared and reused by multiple users
- Can be used by Power BI, PowerApps, Logic Apps, and Microsoft Flow
- Supports schedule refresh and live query for Power BI

[Learn more](#)

Personal gateway (Power BI only)

- Can only be used by you
- Only schedule refresh is supported

[Learn more](#)

[Next](#) [Cancel](#)

ADD DATA SOURCE

WolfgangSurface

Excel 

SQL On-Premises

SSAS On-Premises

SQL ShortworldImporters

[Test all connections](#)

Data Source Type

Select a data source type

Select a data source type

SQL Server

Analysis Services

SAP HANA

File

Folder

Oracle

Teradata

SharePoint

Web

OData

IBM DB2

MySQL

Sybase

SAP Business Warehouse Server

IBM Informix Database

ODBC



Power BI Future

Power BI v1
Excel Add-Ins

Power BI v2
powerbi.com

Power BI vNext
On-Premises

Announcing a Technical Preview of Power BI reports in
SQL Server Reporting Services



October 25, 2016 by Riccardo Muti // 63 Comments

SQL Server vNext 2017 (NO Update for SQL 2016)

Current Version: January 2017 Technical Preview

Separation of Installation SSRS & DB-Engine

No DB-Engine required during SSRS installation





Demo

Power BI On-Premises

Technical Preview

Power BI On-Premises

	Technical Preview JAN 2017	Later..
Power BI Reports	✓	✓
Data Sources <ul style="list-style-type: none">• Direct SSAS (MultiDim & Tabular)	✓	✓
Data Sources <ul style="list-style-type: none">• Power Query Support• Cached Data, Scheduled Refresh	✗	✓ *
Custom Visuals	✗	✓ *
Power BI Mobile Apps	✗	✓ *
Power BI Dashboards	✗	✗
Q & A	✗	✗
Quick Insights	✗	✗
Edit report online	✗	?



DAS BI Tool?

Power BI

“It depends”

Fokus auf Power BI

Mobilität

On-Premises

POWER BI

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