



Run your Business faster

 ***AnalyticsCreator***
reinvent the data thinking

[Design develop deploy in a automated way your MS
Azure Analytics platform](#)

Automates development for Analytical Solutions



- **Data automation for analytical applications, for Experts and also none Experts!**
 - By generating source code instead of programming manually
- **Orchestrates the life cycle of data warehouses, data marts** (design, develop, change, deploy)
- **Replaces old-fashioned ETL**
 - Up to 10 times faster & less costs

Customer in automotive domain

“With AnalyticsCreator we saved in the last years 80% of time and costs for Data Warehouse projects at IT-Controlling. We highly recommend AnalyticsCreator”

mymuesli

"AC highly lead us from beginners to experts in our data journey."

Customer in real estate domain

“We build our ingest layer from SAP more than 20 times faster than estimated.”

THE DATA MANAGEMENT SURVEY 22

THE DATA MANAGEMENT SURVEY 20

6
Top ranks

8
Leading

Peer Group
Products to Support
DW Automation

THE DATA MANAGEMENT SURVEY 22



Top-ranked in Automation

Peer Group Products to Support DW Automation

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Top-ranked in Functionality

Peer Group Products to Support DW Automation

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Top-ranked in Customer Experience

Peer Group Products to Support DW Automation

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Top-ranked in Innovation

Peer Group Products to Support DW Automation

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Top-ranked in Developer Efficiency

Peer Group Products to Support DW Automation

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Top-ranked in Product Satisfaction

Peer Group Products to Support DW Automation

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The Vision



- **Independence**
 - Pure design-time tool
 - No runtime
 - Holistic meta model of your business and data
 - Copyright transferred to the customer/partner
- **Focus on 100% Microsoft Analytics stack /Azure**
 - Best results for users
- **Open repository**
 - Develop add-ons by yourself



Sources

ERP SAP
 Microsoft Dynamics
 CRM
 MS SQL Server
 ORACLE
 OLE DB
 flat files

SOA
 Cloud

Storage Layer

- Persistent Staging & historized Storage
- Data Vault 1.0, 2.0
- Kimball Hybrid

logical/persistent

Core Layer

- Transformations
- Cleansing
- Aggregation
- Consolidation
- Validation

logical/persistent

Datamart Layer

- Subject oriented
- Process oriented
- Front room Interface

STAR SCHEMA

logical

In Memory/OLAP L.

Analysis Cubes
 Tabular Cubes

Presentation Layer

Power BI

Tableau

QlikView

SAP BO

IBM COGNOS

Sharepoint

Excel

SRS

Source analysis engine

SQL generator

SSIS generator

Data Mart Wizard

OLAP generator

PowerBI generator

predefined source meta-connectors Metadata repository templates

5 step approach



AnalyticsCreator – Use Cases

- Green field: New construction of a data warehouse
- Modernize a existing data warehouse
 - Architecture
 - Modelling approach – Data Vault 2.0
 - Reverse engineering
- Create a data analytics platform using SAP sources
- Shift to Cloud/Azure
- Near real-time data platform
- For partners: Establish a managed service environment and a multi-client Data & Analytics platform

Value proposition



- **AC reduces BI & Analytics complexity and risks**
 - Results in days not in weeks, by code generating
 - Less consulting & resources
 - X-time more productive
 - For non Experts and Experts
 - One person can do the work of an entire BI-team
- **Holistic Data & Business Modell**
 - Awesome GUI for all data processes
 - Data lineage
 - Automated documentation Visio/Word/
- **Technology**
 - Shift you always to the newest MS technology
 - Replaces old-fashioned ETL-technology

Benefits for development and users



- Reduce the complexity of BI and DWH applications
- Quality improvement
- Easy to use – quick results
- Fast and easy handover of the project
- Reuseability / Templates
- Distributed development
- Modern architecture/ approaches (DV 2.0)
- Standardization
- Transparency
- Data Linage

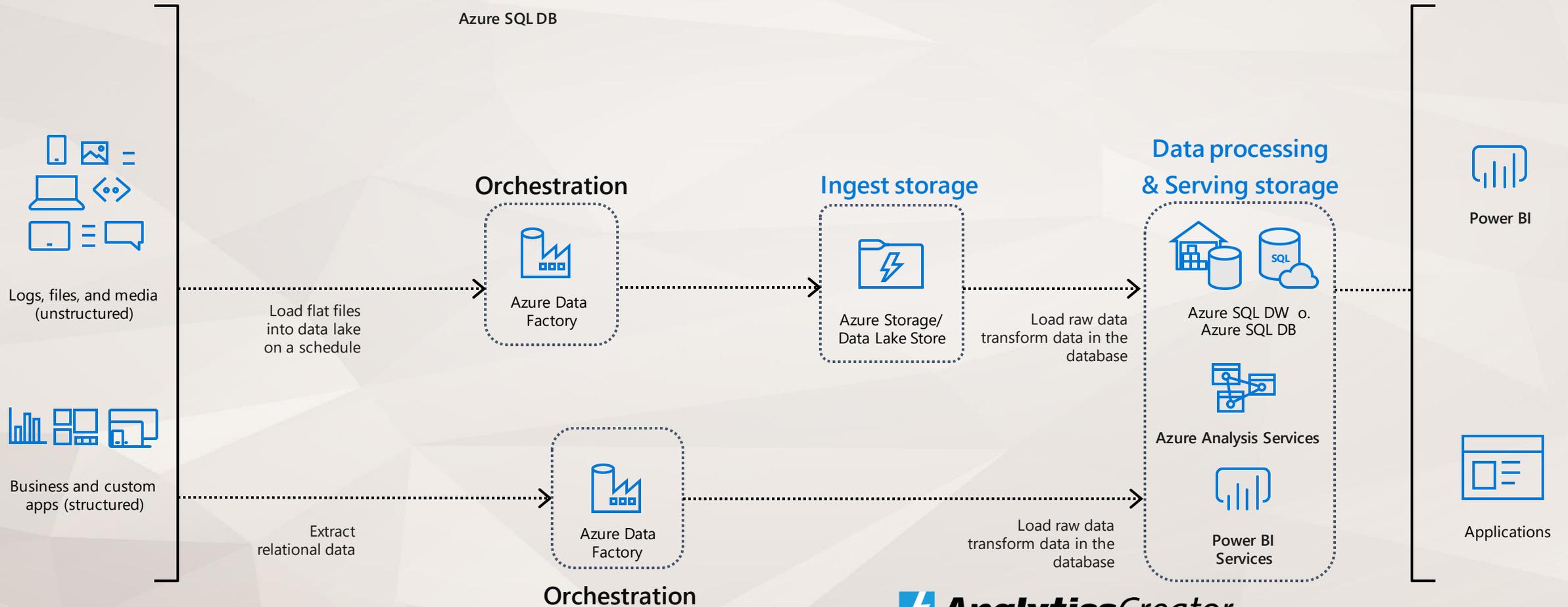
Benefits for Management



- Minimizing project risks
- Significant time and cost savings
- Low TCO
- Independence from:
 - Brain-Monopoly
 - BI Frontends
 - AnalyticsCreator itself
- GDPR and compliance
- Ensures knowledge
- Automated documentation
- Previous DWH investments can continue to be used

Modern Data Warehouse Pattern ELT

Data processing with Azure SQL Data Warehouse / SQL DB



Business Cases SAP Clients



- Create a MS SQL DWH and PowerBI on Azure
- Using AC predefined metadata adaptors for SAP
- Individual adaptations of ERP are taken into
- SAP FI CO - first draft in 25 minutes!

Benefits

- Ultra fast prototyping and time to market
- Reduces rapidly TCO
- Makes it easier for the project team
- Works well with any other ERP Software

Business Cases Microsoft Dynamics Navision



- Target: MS Dynamics (Navision) Partners who have hundreds of clients in different industries
- Case: Partners create a DWH and Analytics template for (ex.) own Navision ERP solution
- By using AC predefined metadata adaptors for Navision
- Partners provide industry templates to clients through AC cloud deployment

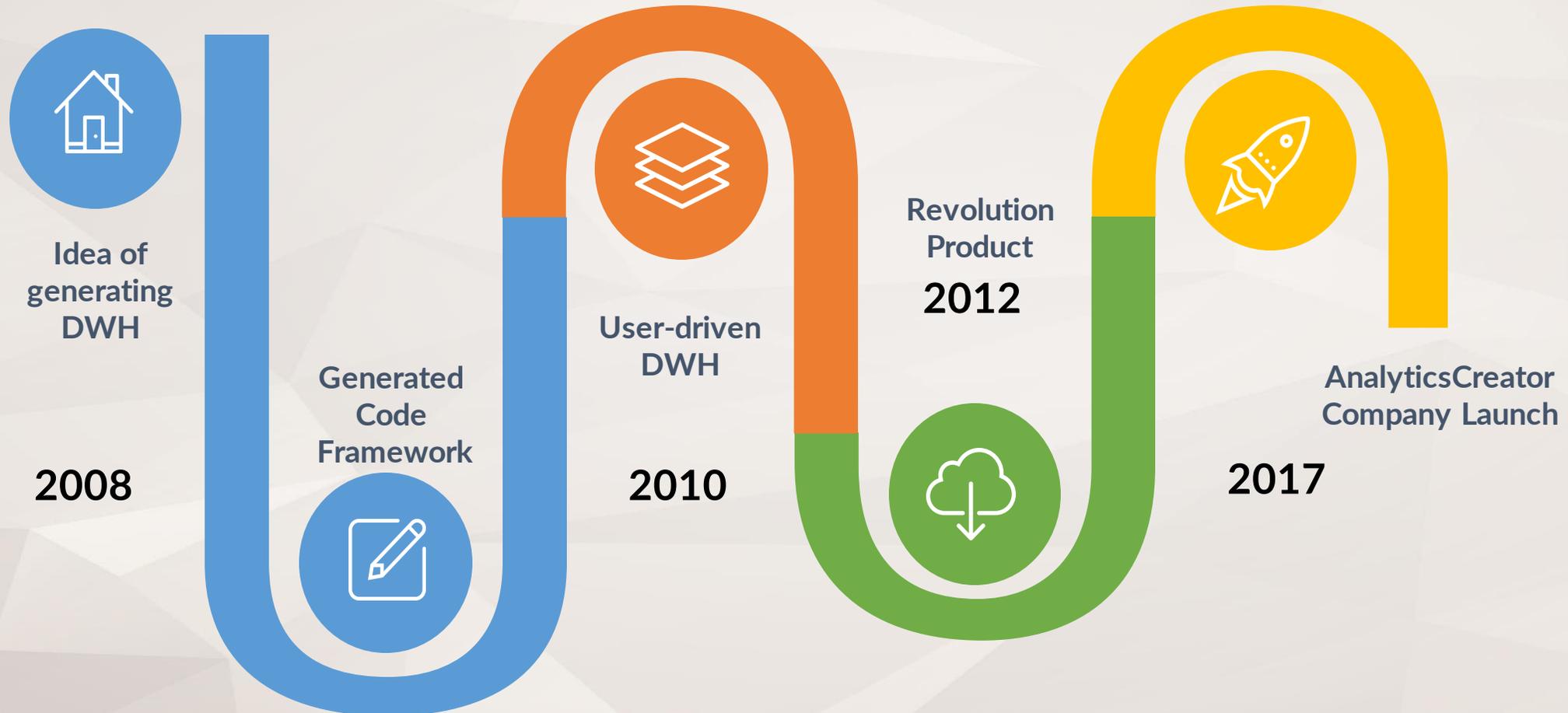
Benefits

- High-sophisticated approach for partners and clients
- Easy to manage for partners
- Partners' needs for DWH and BI experts decrease; margins growth considerably
- Highly competitive advantage

Getting started



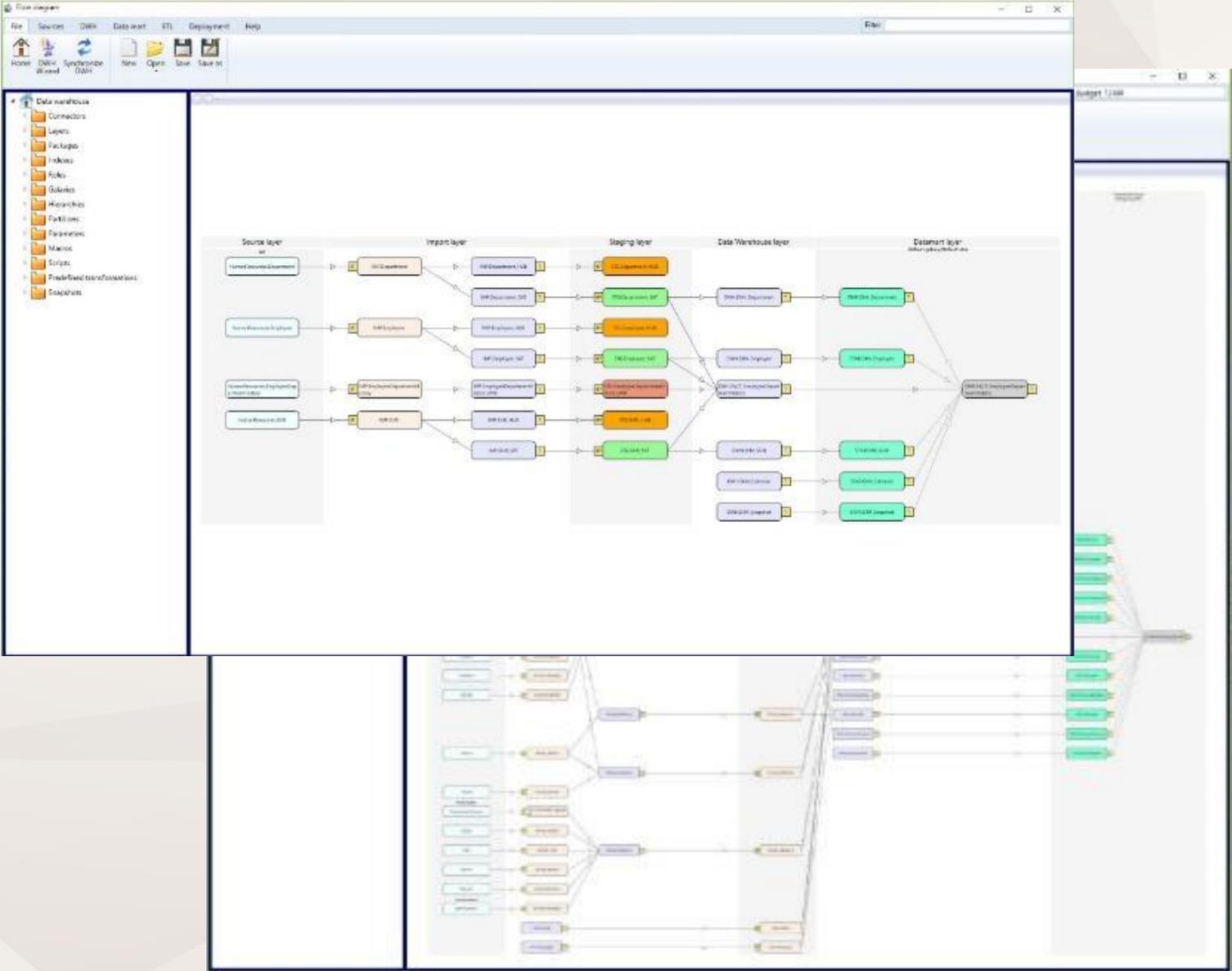
History



Live presentation



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