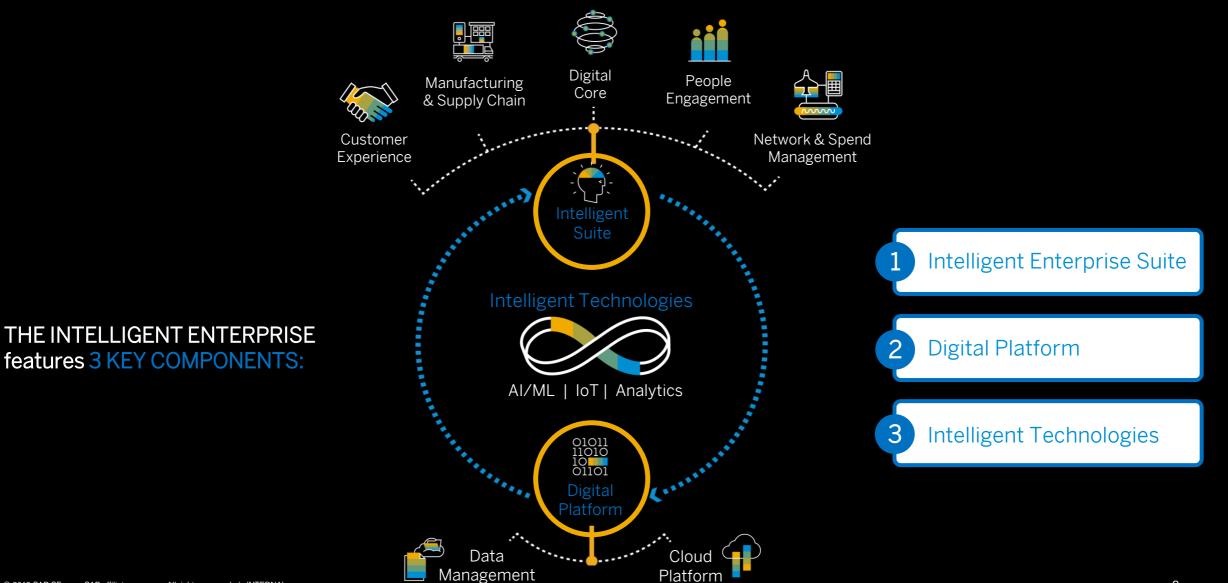


Digital Platforms: Basis of the Intelligent Enterprise

Dirk Haeussermann, SAP October 11, 2018



The Intelligent Enterprise Framework



2008

ExxonMobil Petro China Walmart China Mobile Bank of China Microsoft **Procter & Gamble** AT&T Johnson & Johnson Royal Dutch Shell

\sum $\overset{\wedge}{\searrow}$ \mathbf{X} \mathbf{X} \mathbf{X} \mathbf{X}

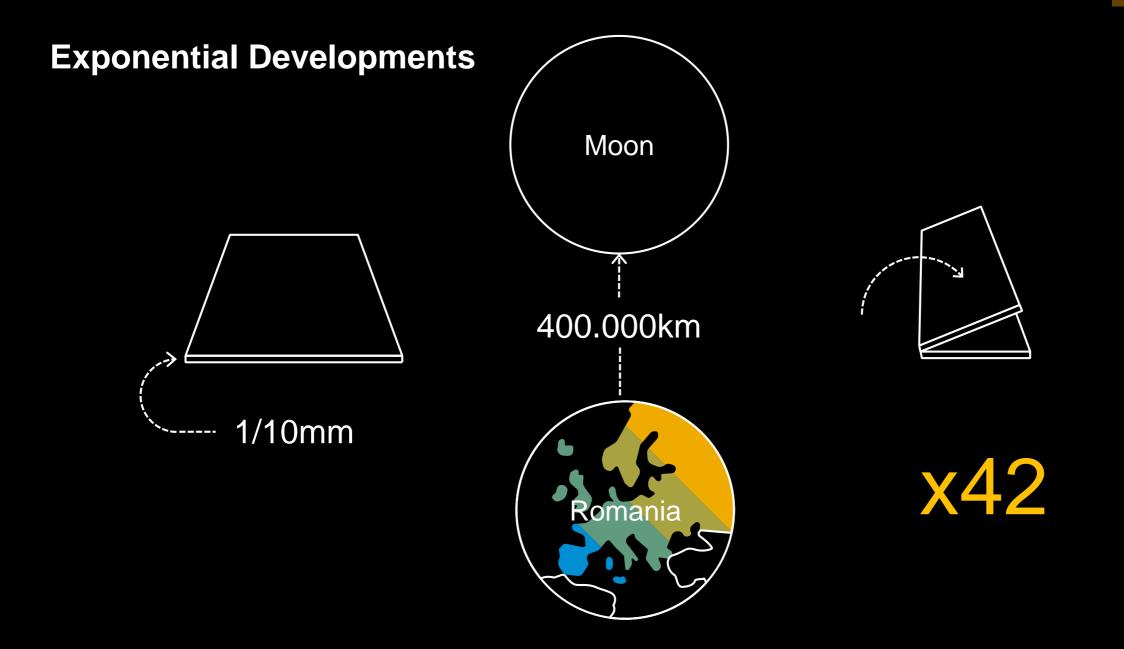
Alphabet Microsoft Amazon.com **Tencent Holdings Berkshire Hathaway** Alibaba Group Facebook JPMorgan Chase Johnson & Johnson

2018

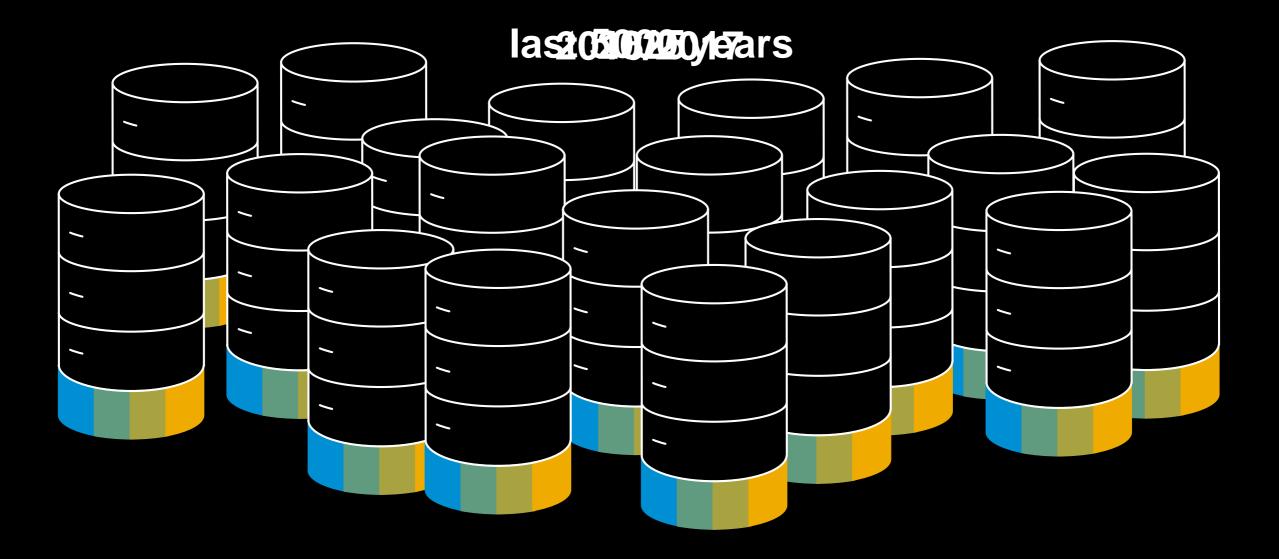
Apple

Today's Corporate Data Landscape is Separated

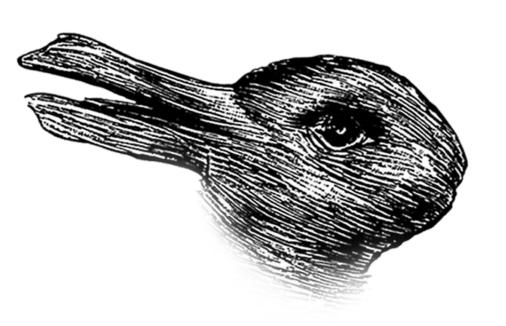
Data Volume and Data Complexity Increases



Data Explosion Exponential Mechanisms in IT



Understanding Data is Important



Understanding Data is Important



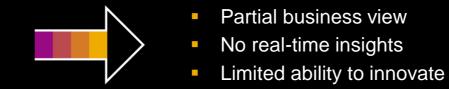
Understanding Data is Important

Customers Expect Real Time Service

The data challenge with current IT landscapes

Silos, delay, and complexity hinder business agility and innovation





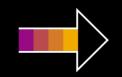
Solution: One data platform for all applications

Comprehensive services to make information available to any application



ONE Platform for ALL Applications

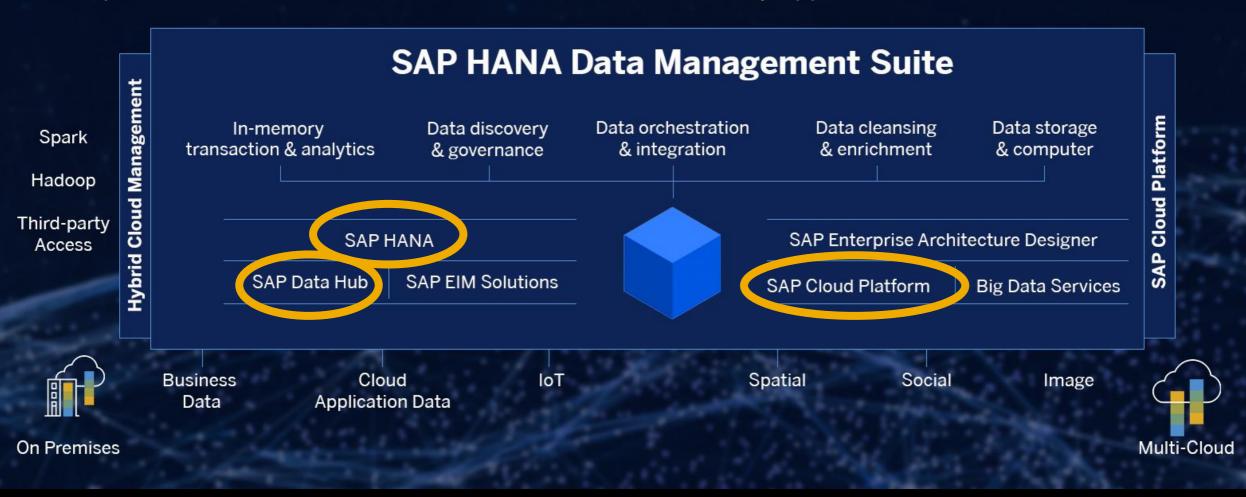
Corporate / Hot Data	Data Lake	Cloud



- Speed
- Simplicity
- Innovation

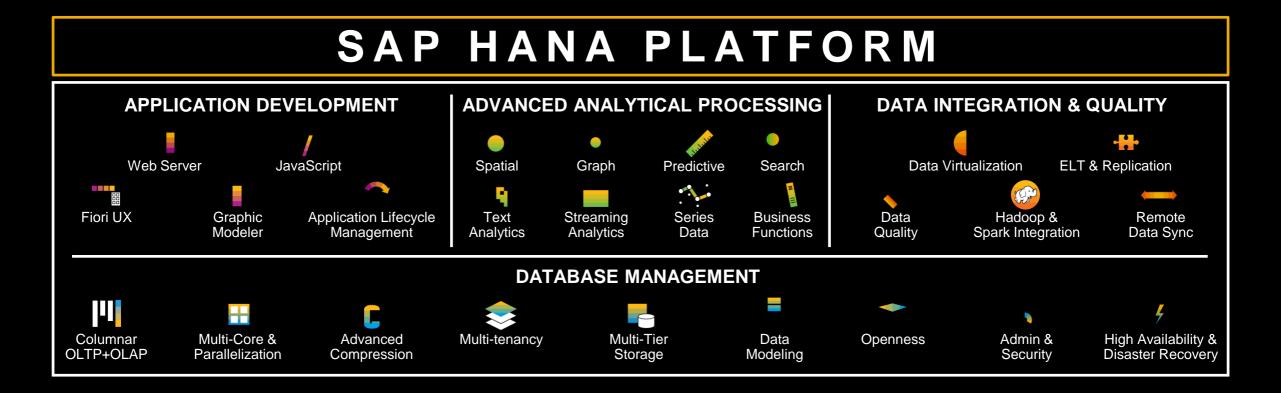
Solution: One data platform for all applications

Comprehensive services to make information available to any application



SAP HANA: The only business data platform for the intelligent enterprise

Comprehensive services to make information available to any application



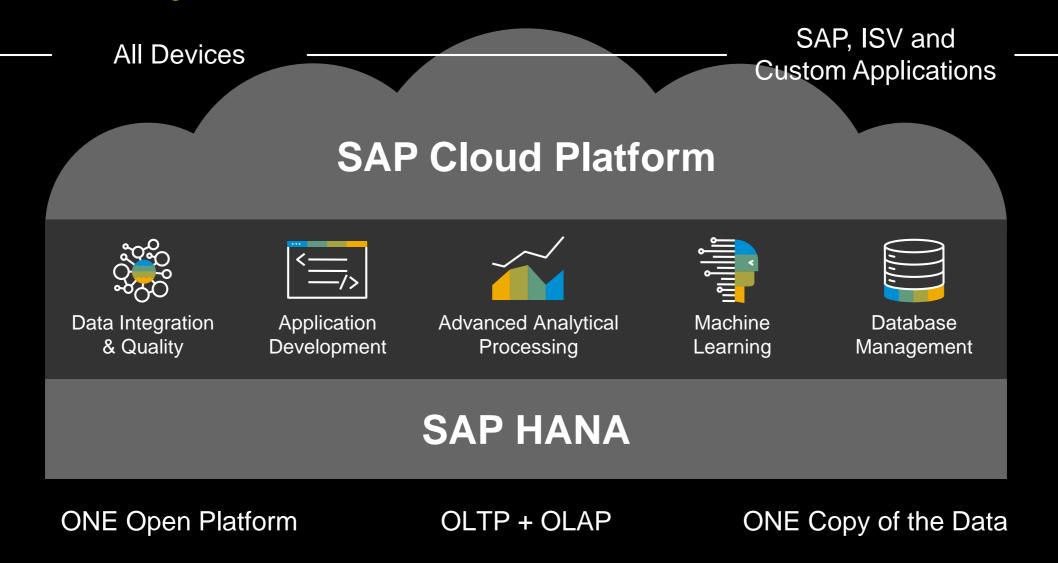
Severstal JSC

SAP HANA, SAP MaxAttention

Up to **100x faster** reporting **250% improvement** in data compression

SAP HANA / Cloud Platform

The Platform for Digital Business



Swarovski

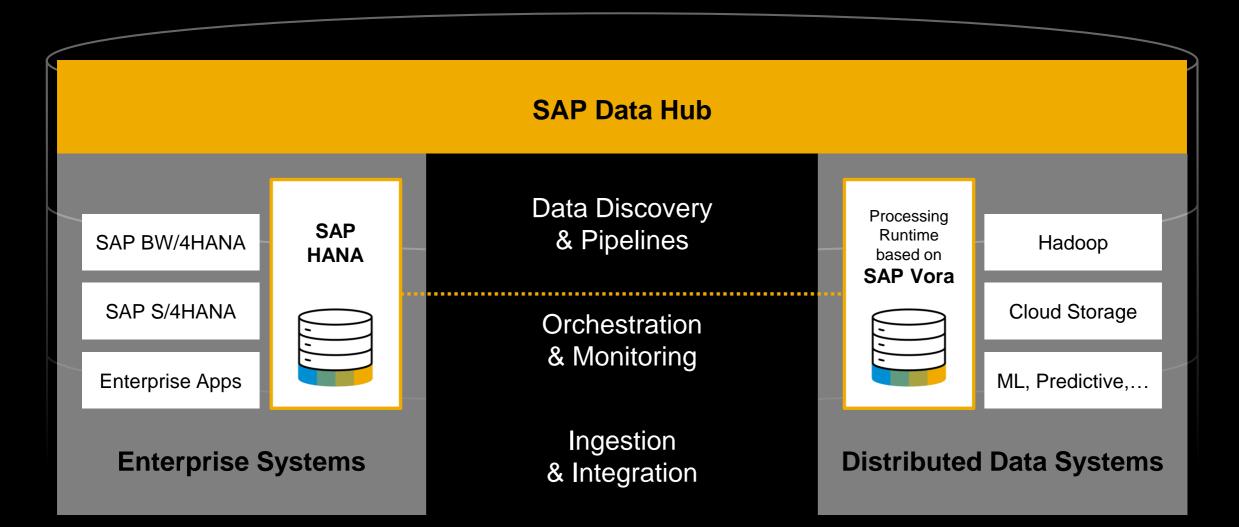
SAP Cloud Platform, ML

Create **one-and-only buying experience** with Swarovski Added **Machine Learning** for product maintenance

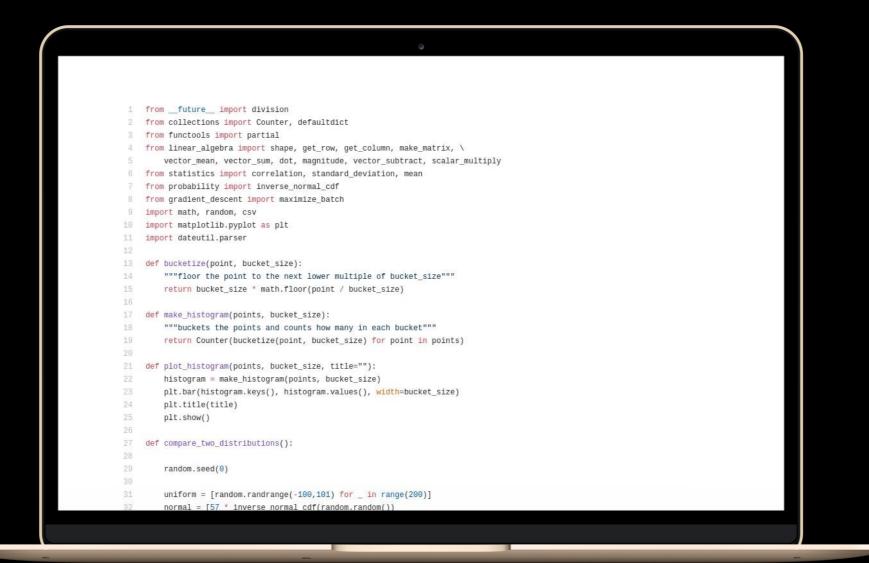
SAP Data Hub



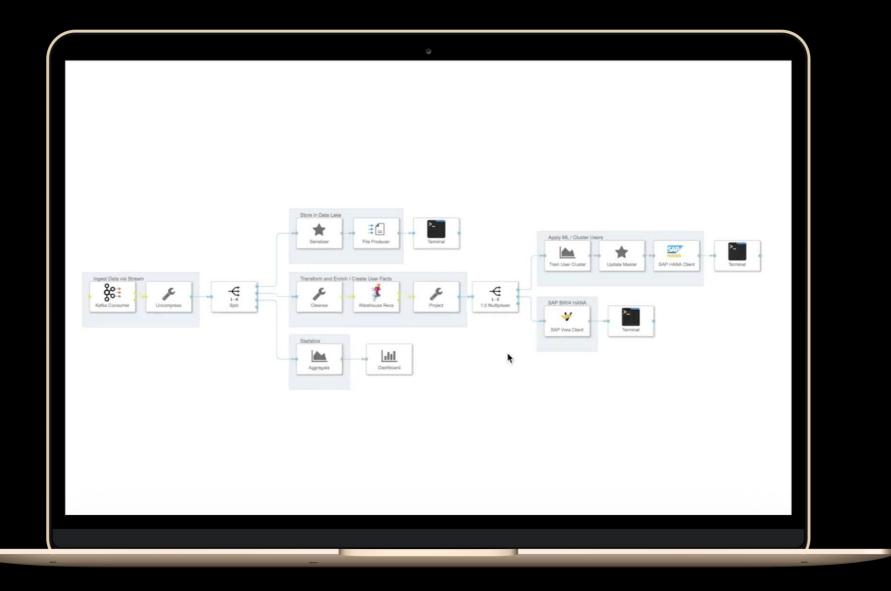
SAP Data Hub Unifying Data Silos



Coding vs. Data Hub



Coding vs. Data Hub

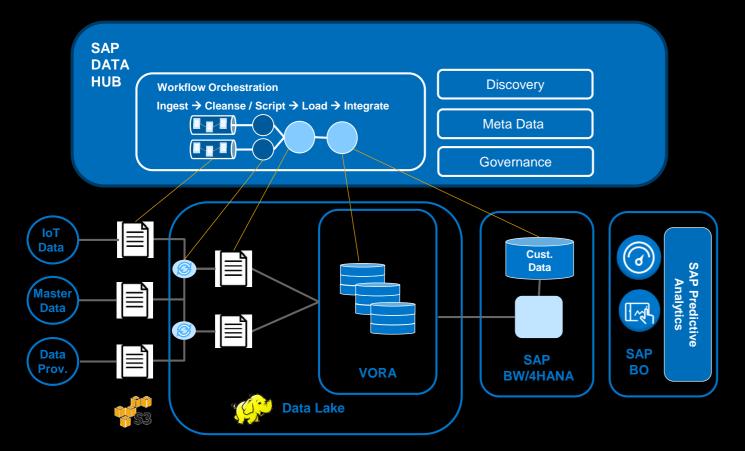


Connecting Machine and Customer Data



SAP Data Hub as Integration Layer for Data Driven Processes

Customer Example: Overcoming silos and complexity



- Machine data is collected from smart appliances and pushed into S3
- Files are received in the data lake and data is being transformed into a common layout
- Cleansed line items are loaded into
 Vora and further processed in memory
- Data is joined in BW with customer data
- The final data is consumed by SAP BO
- Additional advanced analytics is performed by Data Scientists on top of Vora

Build you Future on Data

My personal Customer Empathy Story



Build the future on the POWER OF DATA in your organization!

Thank you.

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