

# SAP HANA Data Management Suite

Trusted, Connected Data for the Intelligent Enterprise

## Challenges in Data Management

- With the complexity of data sources, applications, and big data, business leaders have a challenge trusting the completeness & accuracy of their data
- With data spread among many systems, IT leaders are being forced to create and maintain ad-hoc networks of data sources to solve business problems
- With many cloud and on-premise systems to host data, IT managers are facing challenges of maintaining the reliability and low cost of on-premise and cloud-based systems

## Product Suite Benefits

### Data you can rely on for your business decisions

- Real-time analytics on live transactions without data duplication
- Enterprise security, 24/7 reliability, and real-time data protection and privacy, including sophisticated data anonymization and blockchain data

### A single, unified view enabling innovative applications and data management

- Ingest data from various data sources with smart data integration
- Ensure accurate data with data quality

### Cloud freedom for data systems, applications, and system development

- Provides freedom of movement and synchronization of data, spanning local, private and multi-public clouds
- Automation capabilities to help operate on-premise data center as local cloud

## Differentiators

- Only SAP delivers a comprehensive, trusted catalog of your data coupled with best-in-class functionality for data integration, anonymization, quality, deduplication, cleansing, enrichment, and more.
- Only SAP delivers real-time analysis on vast data sets without mass data duplication, and SAP also uniquely has the data virtualization intelligence that delivers higher performance at run time
- Only SAP addresses growing data entropy by aggregating access and simplifying deployment of data across multiple systems and clouds in real-time

## Analyst Validation of Direction

“Organizations are concerned about the potential for “vendor lock in” as many already have data sitting in one or more cloud environments. Many are starting to look for cloud-neutral providers for handling strategic data management so they can keep their options open.”

*Tony Baer, Ovum, May 2018*

## SAP Solution

**SAP HANA Data Management Suite** is an open, on-premise, hybrid and multi-cloud enabled solution suite that orchestrates all your data into a trusted, unified landscape. It reduces the complexity of delivering secure, governed enterprise applications and analytics.

The SAP HANA Data Management Suite is based on the latest versions of SAP HANA, SAP Data Hub, SAP Cloud Platform Big Data Services and SAP Enterprise Architecture Designer. It includes a wealth of capabilities:

- Monitoring and management of data pipelines and workflows to protect, refine and enrich data across the entire IT landscape
- Conceptual, logical and physical modelling across business processes, data sources and the entire technology stack
- In-memory, multi-model analytics and data processing, and machine learning training on a distributed computing framework
- Elastic scale on demand and deployment to multicloud and cloud/on-premises for cloud freedom through SAP Cloud Platform, SAP HANA service
- Metadata cataloging for enhanced data orchestration through connectivity to distributed data landscapes such as SAP Cloud Big Data Services
- Data governance and real-time data anonymization for compliance with regulations including GDPR
- Native Intel® Optane™ DC persistent memory support to process more data in real-time at a lower TCO
- Analysis of enterprise and blockchain data to simplify multi-party transactions
- SAP HANA spatial services to create location-aware business applications faster

## Future Direction

- Integrated design and runtime user interfaces
- Consolidated metadata store
- Applied AI to automate data operations