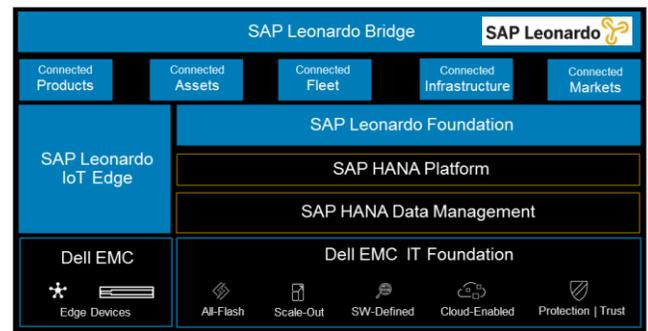


INNOVATING WITH SAP LEONARDO

Accelerating data projects and data-driven applications



Accelerating data projects and data-driven applications means bringing business data in SAP HANA together with external big data, machine learning and AI. With the resulting proliferation of the 3V's (volume, velocity and variety) of data, IT needs a comprehensive IT framework and strategy to orchestrate data management across distributed complex IT landscapes on scale-out secure infrastructure.

1 | Process real time data with speed on SAP certified infrastructure

Keeping it simple, data driven SAP applications means IT will need to work with all data types, from any source, in real time. Foundational to this requirement is strong IT infrastructure foundation from the edge to the core capable of handling the 3V's of data. *At the core, leverage Dell EMC SAP HANA certified all-flash NVMe systems and storage. And at the edge we offer SAP-certified Dell EMC Leonardo IoT edge devices.*

2 | Managing diverse data sources and applications at the “core”

We know that SAP's HANA in-memory database is foundational for data-driven intelligent enterprise applications, but not all data is stored in SAP HANA. Thus, at the core, IT will require an agile approach for managing data in diverse complex landscapes. Dell EMC and SAP have you covered. *First, SAP Data Hub provides governance and orchestration for data refinement and enrichment by pipelining complex data operations. Second, Dell EMC Isilon scale-out network-attached storage (NAS) provides a secure scale-out platform to build a data lake and persist enterprise files of all sizes that scale from terabytes to petabytes in a single cluster.*

3 | Accelerate decision making at the “edge”

Not all IoT data will be processed at the core data center in SAP HANA. IoT edge computing will include SAP applications and use cases supporting decisions which need to be made locally with smaller subsets of aggregated data being transmitted to the core. SAP IoT edge computing works together with [SAP certified DELL IoT Gateways](#) (tested and validated, pre-configured and pre-installed with SAP Leonardo software) to run SAP IoT applications at the edge. Check out our [Reference Architecture: Achieving Predictive Maintenance with Dell EMC, SAP and IFM.](#)

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4 | Day 2 Operations: IoT device management

As businesses embrace the potential of intelligent applications and business processes leveraging IoT, IT needs to support and manage scores of “things” and gateways with different hardware, operating systems and communication protocols. IoT device management to onboard, manage, monitor and secure IoT use cases from the edge to the cloud are required. [VMware Pulse IoT Center](#), bridges the gap between Information Technology (IT) and Operational Technology (OT) helping organizations simplify IoT device management.

5 | Global SAP Center of Excellence

Looking to jumpstart your IT transformation project for SAP? How about exploring demonstrations of the SAP HANA and SAP Leonardo platforms, including access to test systems to size your projects? Leveraging the capabilities of our Global SAP Center of Excellence (GSCoE) including state-of-the-art high-end systems certified for SAP HANA, your IT leaders can consult with our experienced SAP team globally. [Located at SAP's worldwide headquarters campus in Walldorf, Germany, the Global SAP CoE can be accessed through scheduled engagements virtually or on-site to help your organization reduce project risks and enable your success in the digital economy with SAP.](#)



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