Dell APEX Delivers Modern Cloud Experience On-premises for SAP S/4HANA

RISE with SAP S/4HANA Cloud, private edition, customer data center option with Dell APEX

RISE WITH SAP, POWERED BY Dell APEX

With Dell APEX as-a-Service as the underlying infrastructure for RISE with SAP S/4HANA private edition, customer data center option, organizations can keep SAP landscape and data on-premises in their data center or colocation environment to help keep them optimized for performance and more secure, and compliant.

- **Speed time-to-value by removing complexity.** SAP-certified infrastructure and validated designs delivered on Dell APEX shifts the focus from managing infrastructure to accelerating innovation.

- **Better respond and adapt to change by maximizing scaling flexibility.** SAP technology platforms on Dell APEX provides the agility and efficiency needed to respond to ever-changing market conditions and business needs.

- **Ensure compliance and reduce risk by securing end-to-end processes.** Control and protect SAP landscape and data - from where it is located to who can access it, to how it is protected.

A modern cloud experience on-premises

Many organizations now adhere to a cloud-first policy, considering cloud-based technology solutions before all others. They look to public cloud to provision services quickly, scale capacity on demand, and pay for resources as they go. They expect to take advantage of these capabilities everywhere. But cloud first is not cloud only because not all applications and data are suitable for public cloud deployment.

Many organizations are choosing to keep mission-critical SAP® software landscape and data on-premises.

- Certain organizations are required by stringent regulatory compliance and laws to host their data and information within a geographical region or country.
- Others in highly regulated industries are reticent to move to the cloud due to privacy and security concerns.
- Many organizations want keep data centers close to users to ensure low latency and consistent performance that can only be guaranteed over private LANs and WANs.
- For some separating the SAP HANA® application from that data that is needed to move application and data to the cloud introduces too much risk.
- Not only data movement between SAP HANA and users but potential costs of data moving through interfaces to other systems or even to other public clouds makes costs too unpredictable for many organizations
- Increasing nationalistic and trade tensions are driving on premises deployments when the public cloud providers are based outside of certain geographic areas.
- Simply some organizations lack access to public cloud services.

RISE with SAP S/4HANA® Cloud, private edition, customer data center option with Dell APEX combines SAP's private managed cloud with Dell's infrastructure-as-a-Service to empower organizations to leverage cloud capabilities while keeping SAP landscape and data securely on premises.

SAP S/4HANA Cloud, private edition, customer data center option with Dell APEX

Together, SAP and Dell Technologies provide a simplified as-a-Service and cloud experience under one contract, so organizations can react quickly to capture new opportunities and ensure that technology stays aligned with business requirements. Available through SAP, the customer data center option of S/4HANA Cloud private edition, helps facilitate a seamless move to SAP S/4HANA and accelerates digital transformation in the journey to become intelligent enterprises.

With this approach organizations can have the agility and control to manage their most performance-sensitive workloads at the location of their choice. The solution also helps offload day-to-day IT maintenance combing the technology and expertise of SAP, the world's largest provider of enterprise application software[1], and Dell Technologies, the industry's leading x86 Server, External Enterprise Storage, Hyperconverged & Converged Systems, and Purpose-Built Backup Appliance infrastructure vendor.[2]

This subscription-based solution is fully compliant with the SAP Private Cloud concierge standard of service, architecture and security while being delivered on-premises. This model, where you pay-per-use, is backed by an end-to-end SLA for the full solution stack assured by SAP. Working with SAP, Dell APEX delivers the SAP S/4HANA Cloud solution on SAP-certified Dell servers, storage, networking, and data protection resources that are supplied, installed, monitored, and managed by Dell in the organization's own data center or in a colocation facility of choice. With Dell APEX, technology can be deployed faster, and capacity can be scaled up or down on demand based on changing business requirements – customers pay for what is consumed. Using Dell APEX, SAP S/4HANA Cloud, private edition, delivers this flexibility while allowing customers to maintain control of their data security.

SAP S/4HANA Cloud, private edition, customer data center option

The customer data center option of SAP S/4HANA Cloud, private edition is a key component of the RISE with SAP, a business-transformation-as-a service offering. The intelligent ERP suite comprises digitally enabled processes that increase efficiency, predictive and simulation capabilities for improved decision making, and intelligent automation to provide the resiliency and agility of an intelligent enterprise.

With this deployment option organizations can now benefit from the full value of SAP S/4HANA Cloud with lower costs, complexity, and risk. With one set of service level agreements and one point of contract, organizations can achieve significant benefits including:

- Faster deployment with well-established conversion methodologies

- Scalable performance, operational reliability, infrastructure security, and lower total cost of ownership

- Access to SAP Business Technology Platform to simplify integration and extensibility

- Use of the full scope of SAP S/4HANA Cloud with support for 25 industries, 64 countries, and 39 languages

- Rapid savings by ending maintenance fees and costs to maintain a technology infrastructure

Dell APEX

Dell APEX is a breakthrough portfolio of as-a-Service offerings streamlines digital transformation by increasing IT agility and control. Dell APEX is a transformational technology experience, delivering as-a-Service capabilities wherever they are needed. Organizations can focus less on managing infrastructure and more on running their business, accelerate innovation by quickly adapting to ever-evolving business requirements, and run IT operations more effectively on their terms – all while minimizing risk and maximizing resources.

- Streamline and automate procurement cycles remove the burden of IT management

- Scale up and down as needed to match demand, while freeing up capital for other important initiatives

- Customize to meet specific business requirements across entire IT ecosystem

Dell APEX delivers all-inclusive technology services for a range of data and workload requirements, combining the ease and agility of as-a-Service with the power and control of Dell infrastructure. It represents a commitment to provide our entire portfolio as a service, delivered in a standardized way that only Dell and our community of partners can. Dell APEX offers all the innovative technology that organizations around the world rely on every day backed by Dell's recognized global services, scale, and supply chain leadership.

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1. SAP Corporate Fact Sheet, https://www.sap.com/documents/2017/04/4666ecdd-b67c-0010-82c7-eda71af511fa.html

2. Based on IDC Worldwide Quarterly Server Tracker CY22Q4, Enterprise Storage Systems Tracker CY22Q4, Converged Systems Tracker CY22Q4, and Purpose-Built Backup Appliance Tracker CY22Q4
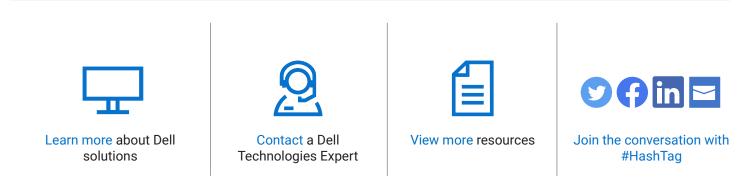
Why Dell Technologies

Dell provides the essential infrastructure for organizations to build their digital future, transform IT and protect their most important asset, information. Dell services customer across 180 countries – including 96 percent of the Fortune 500 – with the industry's broadest and most innovative technology and services portfolio. Dell's global business footprint includes manufacturing in more than 20 locations, ~50 distribution and fulfillment centers, more than 725 parts distribution centers, more than 2,200 service centers and 25 repair centers, and more than 35,000 full-time Services and Support employees. The company is a recipient of the Technology Services Industry Association (TSIA) Hall of Fame Lifetime Achievement Award for commitment to outstanding innovation, leadership, and excellence in the technology services industry.[3]

For more than twenty-five years, Dell has partnered with SAP to deliver hundreds of solutions to more than 15,000 joint customers across many industries. Our SAP Innovation Lab, located at the PartnerPort in Walldorf (Germany), is where we develop innovative infrastructure for SAP and best practices for customer SAP solutions – from edge to core to cloud. From infrastructure and data protection, to flexible consumption models and professional services, Dell offers choice no matter where you are on the path to becoming an intelligent enterprise.

3. Dell Technologies Key Facts, https://www.delltechnologies.com/asset/en-us/solutions/business-solutions/briefs-summaries/key_facts_about_dell_technologies.pdf

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