

Power-up your Databases in the data-driven era with Dell APEX

Dell APEX Data Storage Services

- Lower TCO and simplify management, consolidating databases running on “siloesd IT“
- Scale capacity seamlessly for mixed SQL and no-SQL databases working with structured and unstructured data
- Performance and efficiency with built-in machine learning constantly tuning performance and “always-on“ data reduction
- Robust security options with Data at Rest Encryption (D@RE) via self-encrypting drives
- Respond dynamically to changes in workload requirements
- Designed for 99.9999% availability²

Database management systems are foundational to most business operations supporting diverse data workloads and applications. IT is increasingly adopting a mixed-database strategy employing relational SQL, no-SQL and purpose-built databases working with data lakehouses to run distributed applications and databases including mission-critical applications, data warehouses, advanced analytics and cloud-native apps.

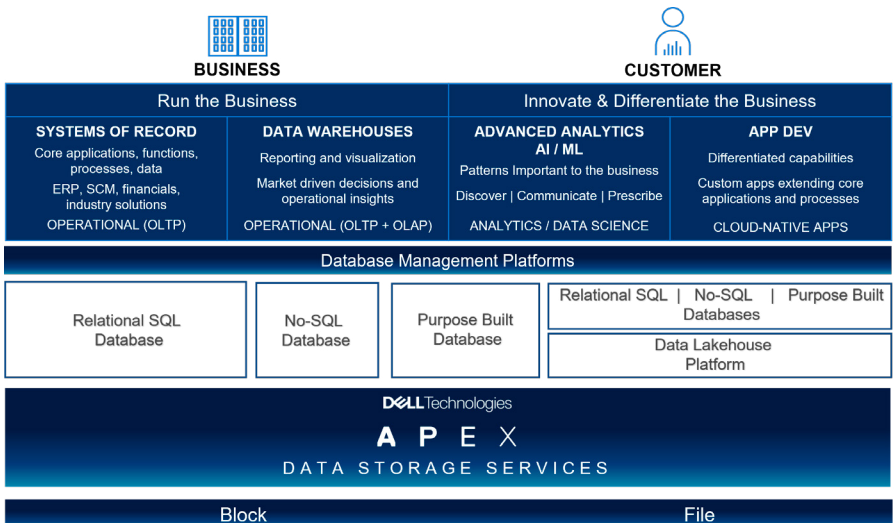
When it comes to storage requirements for databases, IT needs a modern consumption-based experience and capabilities enabling;

- Traditional transactional applications augmented with artificial intelligence (AI) and machine learning (ML)
- Data warehouses working with operational and unstructured data
- Advanced analytics working with all types of data with AI/ML
- App Dev leveraging database containers for “stateful“ applications

Simplify consumption for traditional and modern databases with Dell APEX

According to a recent Quest Database and Technology Community user group survey, 43% of data managers indicated that the number of resources spent on ongoing database management severely limits their business competitiveness¹. As a result, they are looking towards adopting cloud-based service models.

Ideal for companies of any size, Dell APEX Data Storage Services provides reliable, elastic storage resources available on-demand with the ability to scale capacity in order to meet changes in workload requirements. And now, with the flexibility to deploy your file and block storage through an as-a-Service model, IT can utilize data-centric, intelligent and adaptable storage infrastructure supporting both traditional and modern database workloads.



Adaptable Architecture: Dell APEX offers file and block storage as-a-Service for businesses consolidating data-driven transactional and analytical workloads underpinned by mixed relational SQL, no-SQL and purpose-built databases working with data lakes.

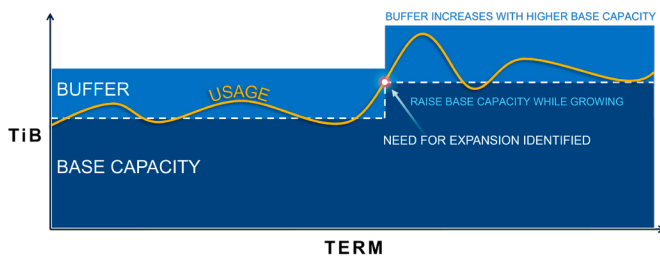
Advanced data protection: Dell APEX Data Storage Services secures your business-critical data stored in databases such as Oracle, SAP HANA and Microsoft SQL.

Multicloud support: Multicloud readiness in collaboration with data center colocation partners enables connectivity to the customers, partners and ecosystems that deliver the most value without vendor lock-in.³

Database containers: Utilizing Dell Container Storage Modules together with Dell APEX Data Storage Services, your organization can bridge gaps between developers and IT teams with capabilities such as provisioning, snapshots, replication, observability, authorization, security, app mobility, and resiliency for “stateful” containerized databases and applications.

On-demand scaling: Pay for what you use

From financial services, manufacturing, lifesciences, and retail businesses to media and entertainment industries, Dell APEX Data Storage Services File and Block enables anytime, anywhere access to data that accelerates business outcomes for operations, security and data monetization. To meet the dynamic demands of file and block-based workloads, Dell APEX provides reliable, elastic storage resources with the ability to scale in order to meet changes in workload requirements. You pay for what you use at a single rate with no overage penalties for capacity utilization above your base commitment.



Unlocking the value of data with flexibility and control

In the data driven era, you need to be able to generate value from all your data workloads and applications. With the option to deploy Dell APEX Data Storage Services on-premises or in a Dell-managed interconnected colocation facility³, you can eliminate data center planning activities, accelerate your multicloud strategy and put your data as close as possible to your applications. No matter which option you select, the result is a cloud-like experience with predictable, easy-to-understand pricing and no egress fees or latency issues.

Focus on outcomes, not infrastructure

Dell APEX Data Storage Services enables businesses to store structured and unstructured data in a flexible as-a-Service consumption model, without the capacity and performance headaches associated with traditional storage infrastructure for databases. Dell APEX Data Storage Services is designed to handle the demanding workloads and storage requirements of database management systems, simplifying your IT operations. With storage expertise in healthcare businesses, financial firms and top broadcasters, Dell APEX Data Storage Services will help you optimize a solution for today's needs and tomorrow's objectives.



[Learn more about Dell APEX Data Storage Services](#)



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¹ Unisphere Research report sponsored by Dell Technologies, "Managing Data in a Demanding Digital Economy: 2022 Quest IOUG Database Insights Report," February 2022. [Full report](#)

² Based on hardware availability on common underlying block and file platform configurations. Actual hardware availability may vary

³ Dell-managed colocation deployment is not available with Customer-managed subscriptions. For regional availability of Dell-managed colocation deployment, visit Dell.com/Access-APEX