



In association with Dell Technologies

HYBRID CLOUD INFRASTRUCTURE FROM DELOITTE AND DELL TECHNOLOGIES

Accelerating innovation and resilience with scalable, secure, and integrated hybrid infrastructure solutions.



As demands on IT infrastructure evolve, organizations need to shift from single environment strategies to a hybrid infrastructure mindset to address the rapid and renewed transformation occurring with AI. Flexibility of public clouds, the control of on-premises environments, and the power to unlock transformative digital capabilities are the order of the day. The Deloitte and Dell Technologies (Dell) hybrid approach helps enterprises modernize IT, fortify security, accelerate digital transformation, and better control spend.

Trends driving hybrid cloud adoption

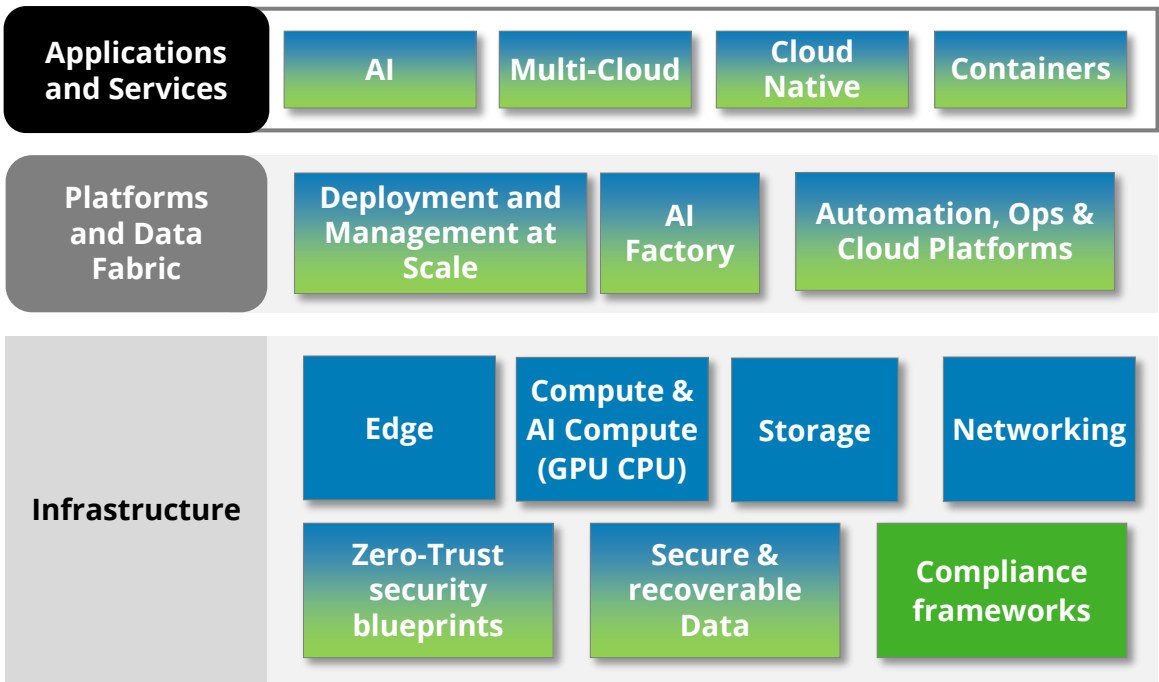
-  **Edge and AI at scale.** AI-driven workloads are to grow by 20% or more across all environments.¹ Generative AI, real-time analytics, and IoT are fueling new workloads at the edge, requiring connection between core, cloud, and edge resources.
-  **Modernization imperative.** 87% of business leaders cite modernizing critical applications as a key driver for success—yet legacy silos create technical debt and hamper agility.²
-  **Data gravity.** Total global data volumes are expected to reach 300 to 327 zettabytes (ZB) by 2027³, with over 74% of data created outside central data centers.⁴ Hybrid cloud strategies allow enterprises to manage and harness distributed data.
-  **Security evolution.** 80% of organizations are predicted to face at least one cloud breach in 2026.⁵ Hybrid models offer integrated, policy-based controls that bolster resilience.

Drivers for modern hybrid infrastructure acceleration

- Inefficient, fragmented IT environments with AI exploration are raising costs and restricting scaling at pace
- Increasing need for dynamic workload placement across on premises, private, and public clouds
- Increased compliance, privacy, and data sovereignty requirements
- Increased demand for rapid provisioning, self-service, automation, AI enablement, and central orchestration

Layered approach to hybrid cloud excellence

The modern hybrid infrastructure stack is no longer designed around isolated infrastructure layers. Instead, with Dell and Deloitte it is architected around a fundamental principle: getting the right data to the right compute at the right time, with governance and resilience built-in across all environments. A successful approach, therefore, is not a rigid prescription, but a tailored roadmap that aligns with an organization's specific starting point.



Why Deloitte and Dell for hybrid Infrastructure

DELOITTE

- **Strategic modernization:** Global leader in hybrid and multi-cloud strategy, with thousands of certified architects delivering migrations and infrastructure transformations across all industries.
- **Industry depth:** Proven track record translating hybrid cloud into sector-specific solutions (financial services, life sciences, manufacturing, technology, media, and telecom, entertainment) and navigate the technology needs
- **End-to-end execution:** From roadmap and platform selection to DevSecOps, automation, and managed services, Deloitte supports each stage of your enablement journey.

DELL TECHNOLOGIES

- **Market-leading infrastructure:** Dell delivers the #1 portfolio in enterprise servers, hyper-converged infrastructure, and storage—optimized for cloud workloads.
- **Cloud ecosystem integration:** Seamless connectivity to major public clouds with multi-cloud management and automation.
- **Security and compliance strength:** Dell’s resilient, policy-driven infrastructure is built for enterprise trust, data consistency, and mission-critical operations at scale.

The Deloitte and Dell hybrid cloud advantage



Reducing complexity and managing risk

- **Design the right landing zones:** Decide what runs where based on latency, cost, sovereignty, and performance.
- **Deploy and migrate faster:** Use validated Dell architectures with Deloitte-led secure workload migration and best practices.
- **Operate as a platform:** Standardize governance and automation so scaling AI doesn’t require reinvention.
- **Improve flexibility and economics:** Reduce lock-in risk, strengthen AI data security, and enable more predictable cost models as demand grows.
- **Build resilience by design:** Pair governance, security, and change management with robust infrastructure to protect critical workloads and sensitive data.

Is it time to rethink how your organization places, protects, and operates workloads across hybrid infrastructure at scale? Deloitte and Dell are ready to help you design, deploy, and operate a hybrid infrastructure foundation so you can move faster, adopt AI, reduce risk, and avoid one-off, siloed implementations that can be costly to recuperate from.

READY TO TRANSFORM?

Is it time to rethink how your organization places, protects, and operates workloads across hybrid infrastructure at scale? Contact us to start your modernization journey.

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Learn more about Deloitte and Dell at www.deloitte.com/us/dell.

1. [Deloitte Enterprise AI Infrastructure Survey](#)
2. [Race to the Top: New Study Reveals Majority of Business Leaders Looking to App Modernization in 2023 to Drive Transformation Efforts](#)
3. [Daily Data Generation in 2026: Key Stats & Trends | DesignRush](#)
4. [Edge Computing Market Size, Share & Trends | Growth \[2032\]](#)
5. [Cybersecurity Predictions 2026: How AI and Security Attacks Will Evolve](#)

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