



Accelerating Enterprise AI: From Complexity to Competitive Advantage



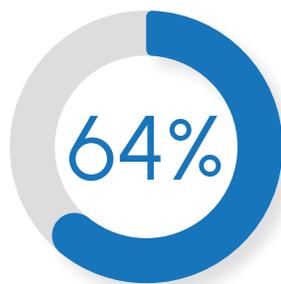
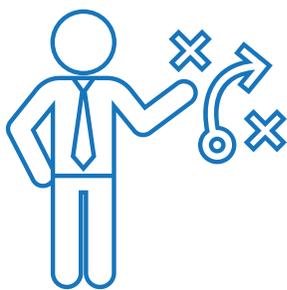
Introduction: The Modern Enterprise AI Challenge

Organizations today face immense pressure to adopt AI. IT executives find themselves struggling to satisfy multiple, complex AI solution requests that originate from all corners of their business. The path to a successful AI deployment is intricate and in a state of constant evolution. Many IT teams underestimate the sheer complexity of modern AI solution stacks, the vast number of providers and options to consider, and the deep technical expertise required for implementation. This underestimation often leads to significant hurdles, as organizations may lack a clear understanding of which options best fit their unique needs and how to properly integrate them with existing technology and workflows.

The Foundation of a Successful AI Strategy

Achieving tangible results from AI requires a holistic approach that integrates two critical pillars: a combination of a programmatic process and a cohesive architectural plan.

First is the process dimension, where a programmatic approach across the full AI lifecycle is critical. This involves engaging business stakeholders from the very beginning to identify and prioritize high-value use cases. Doing so ensures that technology plans remain tightly aligned with business objectives and it keeps business leaders apprised of progress throughout the entire journey. As the 2025 Futurum-Kearney survey of 200 Enterprise CEOs found, 64% of leaders without a formal AI roadmap report minimal returns from their initial pilots, demonstrating that a programmatic, structured approach, where high-value use cases are systematically identified and prioritized - directly correlates with better outcomes.



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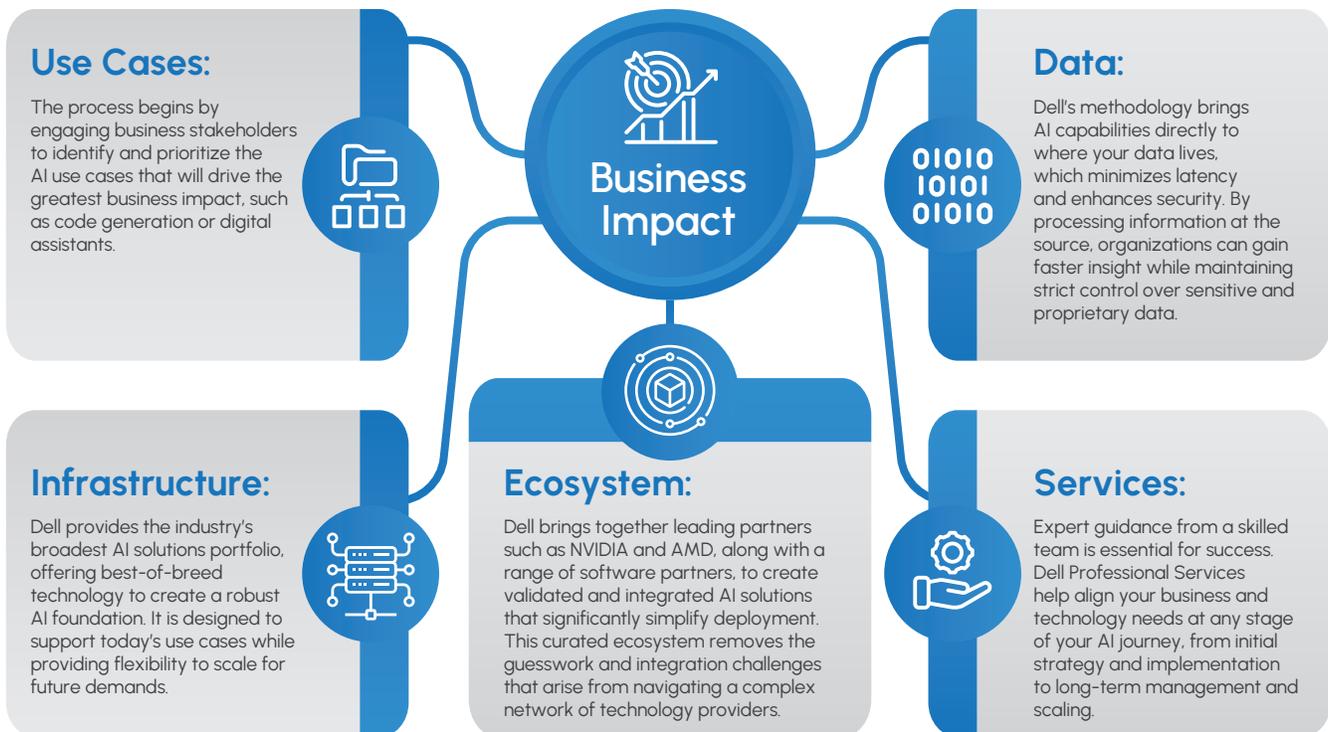
The second is the architectural dimension, which requires a cohesive plan focused on the deep integration of hardware, software, and data. The goal is to build a robust foundation that not only supports current use cases but can also effectively scale to meet future demands.



Dell's Integrated Approach for AI Success

To address these strategic principles of process and architecture, Dell provides an integrated approach designed to simplify complexity and accelerate outcomes. This methodology combines Dell's extensive portfolio of products, validated solutions, and partner technologies into a single, cohesive, and optimized system for AI workloads. This systemic approach functions much like an 'AI Factory', providing a framework for processing data to produce actionable intelligence and business value, similar to how a physical factory turns raw materials into finished goods.

The core components of Dell's approach include the following:





Dell Professional Services: Your Partner in the AI Journey

Expert guidance is the glue that brings strategy and architecture together. Dell's professional services align business and technology needs at any stage of the AI journey, ensuring a clear path from planning to production and beyond.

The engagement begins with Strategy & Formulation. Through workshops and pilots, Dell works to establish clear business alignment. This initial step ensures that business goals are clearly defined and that high-value use cases are identified, forming the basis of a strategic roadmap designed to deliver tangible outcomes.

Next, during Implementation & Integration, experts assess your current environment and deploy validated hardware and software solutions that are designed to fit your mapped use cases and objectives, accelerating your time-to-value.

Finally, Dell provides the expertise for management & scaling, including managing and operating the new systems while onboarding teams, ensuring that your AI environments can scale effectively for long-term, repeatable success.

Customer Success Stories in Action

- **Worley: Solving Complex Energy Challenges Sustainably with AI**

[Worley](#), a global company in the energy sector, sought a more cost-effective AI platform to manage workloads that were currently running in the public cloud. Dell's services experts enabled a quick transition to an on-premises solution by implementing and configuring the necessary infrastructure and tools. By migrating AI workloads from the cloud, Worley can now deploy models at scale, achieve significant cost savings – enabling 50,000 people to do the work of 75,000, for instance, and deliver better results for its clients by improving efficiency and reducing downtime.

- **PureHealth: Securing AI to Enable Safe Healthcare Innovation**

[PureHealth](#) is pioneering intelligent healthcare with a focus on safeguarding patient data, protecting intellectual property, and securing its Generative AI models. By partnering with Dell, PureHealth established a secure infrastructure for GenAI-accelerated diagnostics and care, powered by Dell PowerEdge servers and Professional Services. This enables it to confidently allow GenAI applications and services that help patients manage their well-being and empower better healthcare decision-making, knowing their innovations are built on a foundation of security.

Source: Dell Technologies



Conclusion: AI Can Be Complex, So You Need a Trusted Partner

The journey to AI is complex, but it does not have to be difficult. Through strategic partnerships and validated solutions, Dell simplifies deployment and accelerates innovation. Success in the AI era depends on having a strategic partner who can provide an end-to-end, validated solution. The Dell AI Factory and [Dell Professional Services](#) offer a flexible and powerful framework for gaining a competitive edge and achieving tangible business outcomes faster.

Important Information About This Report

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ABOUT DELL

[Dell Technologies](#) is a global technology leader that helps organizations design, deploy, and operate modern IT infrastructure across data center, cloud, and edge environments. Through its AI Factory approach and comprehensive AI implementation services, Dell supports enterprises in moving from AI experimentation to production by combining validated infrastructure, software ecosystems, and deployment expertise. Dell's portfolio spans servers, storage, networking, and data protection platforms optimized for AI workloads, including both training and inferencing at scale. Backed by deep services capabilities, Dell helps customers operationalize AI with greater speed, reliability, and cost efficiency while aligning technology investments to real business outcomes.



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