

Re-architect your data center for an AI powered future.

IMPROVE PERFORMANCE | BOOST EFFICIENCY | ENHANCE SECURITY



At a time of increasing costs, there are many reasons to modernize your data center. AI workloads, sustainability goals, and changing business priorities are all driving new data center strategy conversations.

AI explosion

81% report that AI and generative AI will significantly transform their industry.¹

Rising energy consumption

200% increase in data center power consumption by 2030.²

Dell Services for Data Center Modernization



Data Center Assessment



Data Center Design and Build



Data Center Migration



App and Workload Optimization



Fully Managed Data Centers

Sustainable Data Centers

Security and Data Protection

From creating a long-term strategy based on your business needs to building and migrating your data centers, Dell Professional Services experts can help you with all your modernization needs.

Decades of experience allow us to simplify operational complexity and minimize disruption risks. As your services partner, we'll save you money and free up your IT resources.

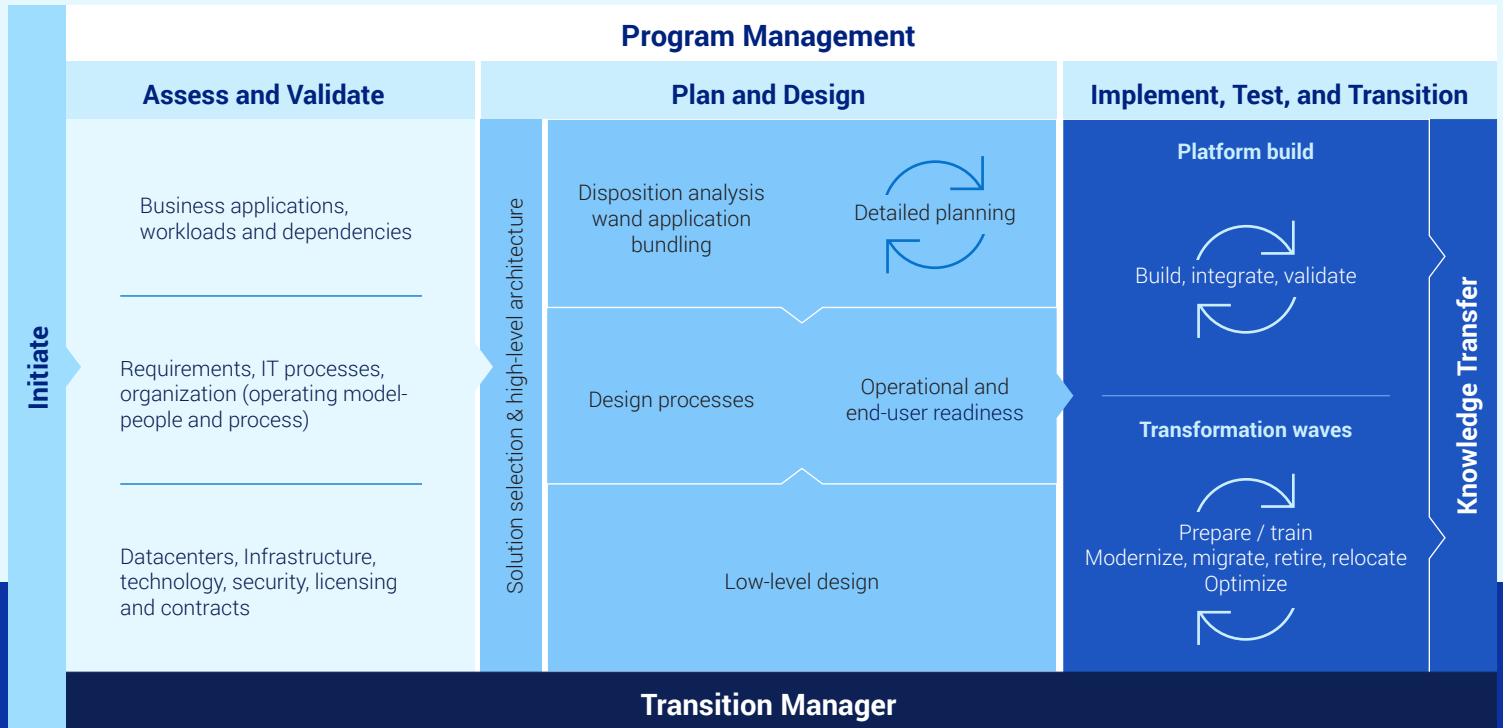
¹ Innovation Catalysts study, Dell Technologies, February 2024

² McKinsey & Company, Investing in the rising data center economy, January 2023 (US-based analysis)

Get the expertise you need with Dell Professional Services.

Dell Professional Services methodology

Throughout each phase of your program, we validate the requirements, risks, actions, issues and decisions against previous knowledge to ensure the expected outcome of your solution.



Assess and Validate

- Review your existing environment and strategies and gather requirements
- Provide guidance and recommendations around the “art of the possible”
- Analyze the As-Is and the target state requirements to determine organizational impacts

Plan and Design

- Build upon the documented information, turning requirements into design decisions
- Continuously use industry and Dell best practices
- Define the To-Be target state, then develop our design and transition approach deliverables

Implement, Test, and Transition

- Leverage the planning activities to build, configure and test the target state solution
- Execute pilot transitions and move into a production transition
- Provide deliverables and knowledge transfers as we complete the activities

Assess and design your data centers for greater agility.

We thoroughly evaluate your infrastructure, operations and overall effectiveness to improve efficiency, reliability and sustainability.



Visualize your data center infrastructure and application designs.

We will deliver a technical architecture that details how your data center will be configured, virtualized, connected, governed and secured for the best performance, scalability and reduced complexity. You'll also receive an implementation plan to operationalize our proposed designs quickly.

Collaborate with skilled Dell Services delivery teams

experienced in network and security designs with extensive knowledge of data center technologies.

Get design recommendations

that consider your existing network architecture, topology and future expansion plans.

Leverage design documentation,

including high-level design, low-level design, architecture diagrams and a deployment report.

Optimize applications while migrating data centers with reliability.

Dell's proven, patented application-centric approach eliminates risk, shortens transformation time and improves staff efficiency.

Only **1.6%** of enterprises did not experience major problems within the past year, with downtime being the most common.³



Obtain actionable data in real-time by rapidly discovering dependencies between assets, applications and storage.



Use interdependencies to bundle applications, plan detailed migrations and set migration schedules.



Determine optimal location for applications, whether private or public cloud.



Increase collaboration and efficiency with real-time visibility into all migration activities.

Using automation, Dell managed migrations can virtually eradicate sequencing and dependency errors, while shortening the discovery phase and overall project delivery time.

How do we execute complex migrations so efficiently?

The answer is our purpose-built framework for Dell managed migrations. Our services experts use this framework to understand all the dependencies required for a successful migration. It also creates automated runbooks and allows us to collaborate by facilitating real time communication between teams, eliminating risk and human error in the process.

The Dell migration management framework



³ IDC Datacenter Operations and Sustainable Survey, March 2024

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Leverage sustainable best practices to drive energy efficiencies and hit sustainability goals.

73%

of firms say they **need a partner** to accelerate their programs and achieve sustainability goals⁴

We can help.

Sustainably transform your business with breakthrough technologies

Maximize value per watt with an efficient infrastructure

Contribute to sustainability goals that align with stakeholder expectations

Tap into our experience and technologies to build a greener business.

Strategy

Develop a well-articulated plan.

Data

Analyze your carbon footprint for insights.

Energy models

Create energy efficiency models.

Operations

Drive efficiencies as you move toward sustainability.

Asset lifecycle

Consider how lifecycle management impacts sustainability.

Adoption

Efficiently adopt best practices.

Enjoy a proven managed services approach, keeping your teams focused on innovation.

Whether we host in your data center, in co-location facilities or both, we monitor, operate and continually optimize your new infrastructure to cover everything from point solutions and major ecosystem partners to entire IT outsourcing.

Flexible. Agile. Transparent.

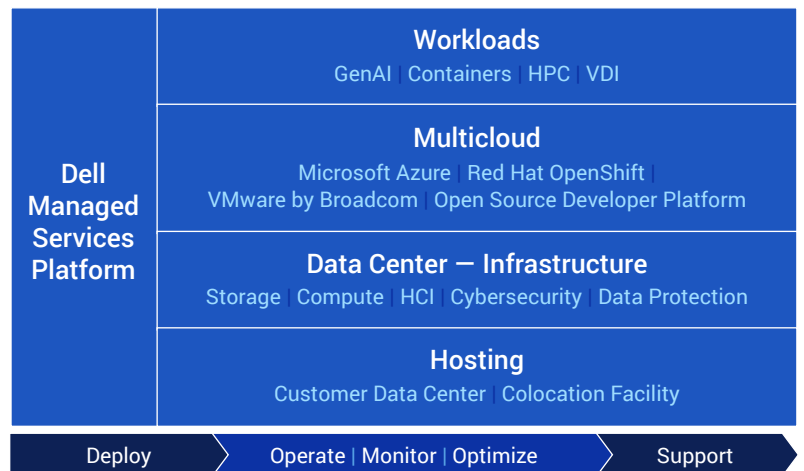
Unified cloud-like experience

Single point of contact

Project coordination with onsite assistance

24/7 Operational management

Integrated billing



⁴ Innovation Catalysts study, Dell Technologies, February 2024. Base: 6,600 respondents (IT and business decision makers either driving or influencing innovation in their organization) in North America, Latin America, Europe, Asia, Pacific and Japan and Greater China

⁵ | Re-architect your data center for an AI powered future
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Why Dell Services for Data Center Modernization?



Our distinctive approach empowers you to drive innovation in the era of AI. Using simplified, tailored and trusted solutions, we help you address the data expansion and energy consumption that AI workloads bring, while reducing the complexities that come from both emerging and established technologies.

We can help manage complex environments, so you can focus on business priorities.

- Overcome skills gaps with deep expertise from Dell Services that accelerates tangible time-to-value
- Proven operational optimization with over 1 Exabyte under management
- Full-stack scalable Generative AI solutions in collaboration with NVIDIA
- Dell resources, tools, technologies and services tailored to accommodate diverse requirements

The Dell advantage

The world's broadest portfolio of data center solutions

Dell quality, performance, support and services for all your on-premises data center environments.

Proven systematic methodologies for operational excellence

Cost-effective data center solutions that are quick to build, deploy and migrate – as well as simple to manage and secure.

Dell Services experts

Deep technical knowledge to assess and build your modernization strategy, deliver detailed designs – and optimized for efficiency, performance, scalability and maximum ROI.



Learn how Dell Services can help your business.

[Visit our website >](#)

[Set up a call >](#)