



IT Consulting for Data Center Planning and Management

Set Data Center Strategy, overcome constraints, right-size investments, and meet planned and unplanned business needs.

Meeting your data center challenges

Escalating energy costs, space, power and cooling challenges are requiring organizations to reassess their IT infrastructures. Organizations are asked to do more with less while meeting rapidly expanding volumes of data, a growing number of mission-critical applications, and challenging service level agreements (SLAs).

Risk of downtime, high costs of aging facilities, inability to meet end user demand, and the inability to accurately monitor and provide reporting for the data center are demanding the need for better planning and managing data center capacity in their data center. In conjunction with optimizing their current investments and using technology to consolidate, many are able to delay costly data center expansions or the building of new data center facilities.

Take the Next Step with Dell

Dell IT Consulting helps you develop an overall data center strategy, consolidating and migrating to right-size your data center. This defined strategy addresses current limited capacity, sprawl and escalating power and cooling costs and concerns, in addition to long term growth goals. Areas addressed are capacity planning, technology implementations, consolidation/migration, and operations. Depending on your business requirements and budgets, our consultants can help right-size your data center, or identify other options such as building, buying, leasing or co-locating.

- **Skilled resources**, solution architects, leading edge tools for capacity planning, energy management, etc.
- **Broad and deep data center expertise** with success in many large data center projects.
- **Leading technology provider** for hardware, software, and solutions including virtualization, cloud, and storage consolidation.

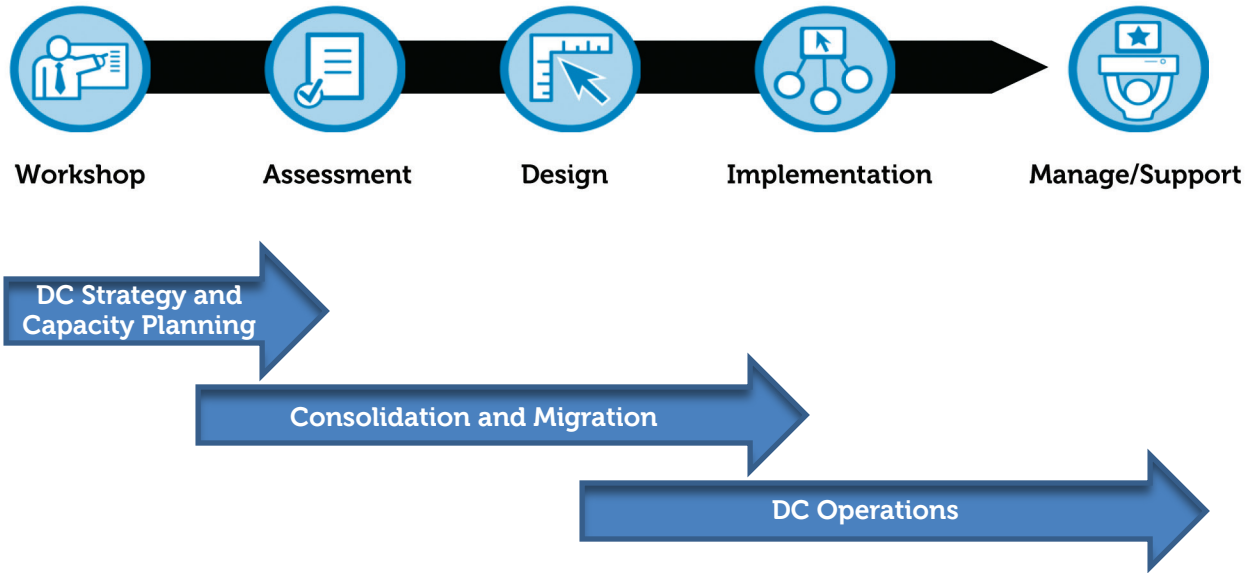
Realize the benefits

Maintaining your data center infrastructure is one of the largest expenditures for your organization. Dell consultants can provide the level of assistance you require to get the job done. We help:

- **Outpace Data Growth and Achieve Quick ROI.** Complex data center projects take time to plan and implement. New data construction can take years to complete. **The time to get started is now.** With a thorough assessment, plans and timelines, we avoid over or under provisioning to help you achieve an optimized scalable infrastructure.
- **Mitigate the Risk of Change.** Upgrading your existing or migrating to a new data center can be time consuming and disruptive, with the risk of losing business. Dell helps to mitigate this risk with a platform of practical solutions, proper up-front planning, and a proven adoption/migration process.
- **Leverage Current Investments, Delay Costly New Construction.** Save time and money by refitting when possible, optimizing P&C utilization, and by building modular, scalable solutions. Green design elements are included when they add value, and energy is saved by improving active monitoring and reporting.
- **Managing the Complexity of Converging Technologies.** Dell consultants use experience gained from many complex engagements to develop an end-to-end integrated data center view including: building capacity and asset management, technology architecture, support services, and operations.

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Dell IT Consulting offers users a standard delivery for all of our data center services.



SERVICE	DESCRIPTION
Data Center Strategy – Capacity Planning	<ul style="list-style-type: none"> Understand and document historical trends and current utilization of your data center resources, include networking, energy consumption, space, power & cooling. Use trends analysis of your resource utilization to produce short, medium and long term forecasts as the next step to capacity planning. Project future business demands in relation to budgets and time commitments. Put plans in place to account for future organic growth or from mergers and acquisitions. Provide continuous capacity management to ensure adequate visibility of specific major projects, potential growth spikes, and changing business environments.
Data Center Implementation, Consolidation and Migration	<ul style="list-style-type: none"> Consolidate your facilities using virtualization, storage, and cloud technologies to extend the life your current facility distributed systems for critical applications and services. Reduce risk to your operations with a well planned, designed and implemented migration either within your existing facility or to a new facility.
Data Center Operations	<ul style="list-style-type: none"> Maintain your current facilities or successfully migrate to a new data center while optimizing availability, redundancy, space, power and cooling. Lay the groundwork and benefit from new technologies such as cloud. Supplement your staff so they can focus less on traditional maintenance and more on innovation.

For more information about any of our service offerings, please contact your Dell representative or visit dell.com/services.

