

Develop a clear vision for your data center facility

HPE Data Center Facility Planning Workshop

This workshop will equip you to:

- Gain a solid understanding of all aspects of the data center facilities framework
- Identify options for moving forward
- Build consensus among key stakeholders
- Make informed decisions during the facility planning and design process

Does your facility enable IT?

The IT landscape has changed dramatically over the last 5 years alone. Significant trends, such as mobility, the cloud, and Big Data, offer tremendous opportunities for IT to add business value, but they also create new demands. We've seen a shift in the data center infrastructure from traditional server silos to virtualization, IT convergence, and more recently, software defined. These new demands require that businesses work toward a New Style of IT to enable greater agility and capitalize on opportunities.

The New Style of IT requires a new style of data center facility—one that enables, rather than impedes, IT initiatives. While IT planning evolves over regular 3-year cycles, facilities planning typically occurs over 10- to 20-year cycles. Businesses need to bridge that gap and better align their facilities planning with IT and business initiatives. But how do you do that? Your first step is the HPE Data Center Facility Planning Workshop.

Start the facilities transformation process

The HPE Data Center Facility Planning Workshop is a half-day interactive engagement between your key stakeholders and data center facilities consultants from HPE. Together we examine your existing data center facility lifecycle, exploring a wide variety of issues and considerations when determining requirements and priorities.

HPE consultants stimulate conversations around all aspects of critical facilities, from strategy and planning to design, implementation, and operations and management. We explore a full spectrum of drivers—technical, operational, and financial—for change.

This workshop introduces you to the entire facilities decision-making process and to all of HPE's data center facilities services that can assist you along the way. By having that process and the key considerations identified at once, you're able to make better, more informed decisions as you progress through the facility planning and design journey.

Specifically, consultants guide you through the eight Facility Planning Zones that make up the HPE Data Center Lifecycle Framework. These include:

- **Data center strategy**—HPE uses this time to examine your business needs and drivers, stakeholder alignment, sourcing strategies, and more.
- **Topology and phasing**—This topic explores availability versus reliability. We look at different redundancy levels, compare basic topologies, and examine growth and phasing plans.
- **Efficiency and availability**—This topic deep dives into specific site considerations. We discuss energy efficiency and other issues such as backup power, security, fire protection, airflow management, and more.
- **Cooling methodologies**—Here we share our understanding of different cooling methodologies, with a focus on free cooling principles and cooling coil configurations.

- Modular vs. traditional build—We focus on traditional vs. modular builds, exploring the risks and advantages of each.
- Flexible facilities—We explore the evolution of data center solutions, including industrialized hybrid, prefabricated, and containerized data centers. We also look at program management timelines.
- Operations and management—Here we look at reliability testing as a way to ensure uptime. We discuss proper facility management, explore the concept of converged management, and review key performance metrics.
- Facility as a service (FaaS)—This topic brings us back to the New Style of IT and the importance of aligning your facility with IT. We discuss what FaaS is and how it's different from other sourcing strategies.
- Gain stakeholder buy-in and give traction to existing data center projects
- Make informed strategy decisions related to availability, reliability, scalability, and business requirements
- Understand your current situation and future aspirations, and define a suitable roadmap
- Prioritize facilities-related considerations that are strategic and promising for gaining ROI/business value quickly
- Take a holistic approach to data center facility planning, including strategy, design, build, and operations and management

Clarify your vision, create a future roadmap

Eliminate the mystery and uncertainty surrounding facilities planning. The HPE Data Center Facility Planning Workshop is designed to provide the knowledge needed to make informed decisions while getting your leaders on the same page. We guide you through the entire lifecycle of decision points, but it isn't a one-sided discussion. This engaging and interactive workshop is set up to make sure your business is the focal point. Together we identify your requirements and explore the various options available to you. Participation in the workshop enables you to:

- Understand the benefits, scope, scale, and all critical success factors of a data center facility plan
- Identify different options available to accelerate desired business outcomes

The HPE advantage

Gain access to experienced and trusted HPE experts who can guide you through your facilities transformation. HPE is the only technology company with in-house, customer-facing facilities consultants and engineers who can address the entire lifecycle of data center planning. We have the tools, resources, and methodology in place to align your facility with IT and drive better business outcomes. Partner with HPE today and leverage our broader offering, including:

- A full lifecycle of professional services
- Global delivery with experts geographically based across the globe
- Services innovation across IT, processes, infrastructure, and operations
- Deep expertise in HPE and partner technologies

Learn more at
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