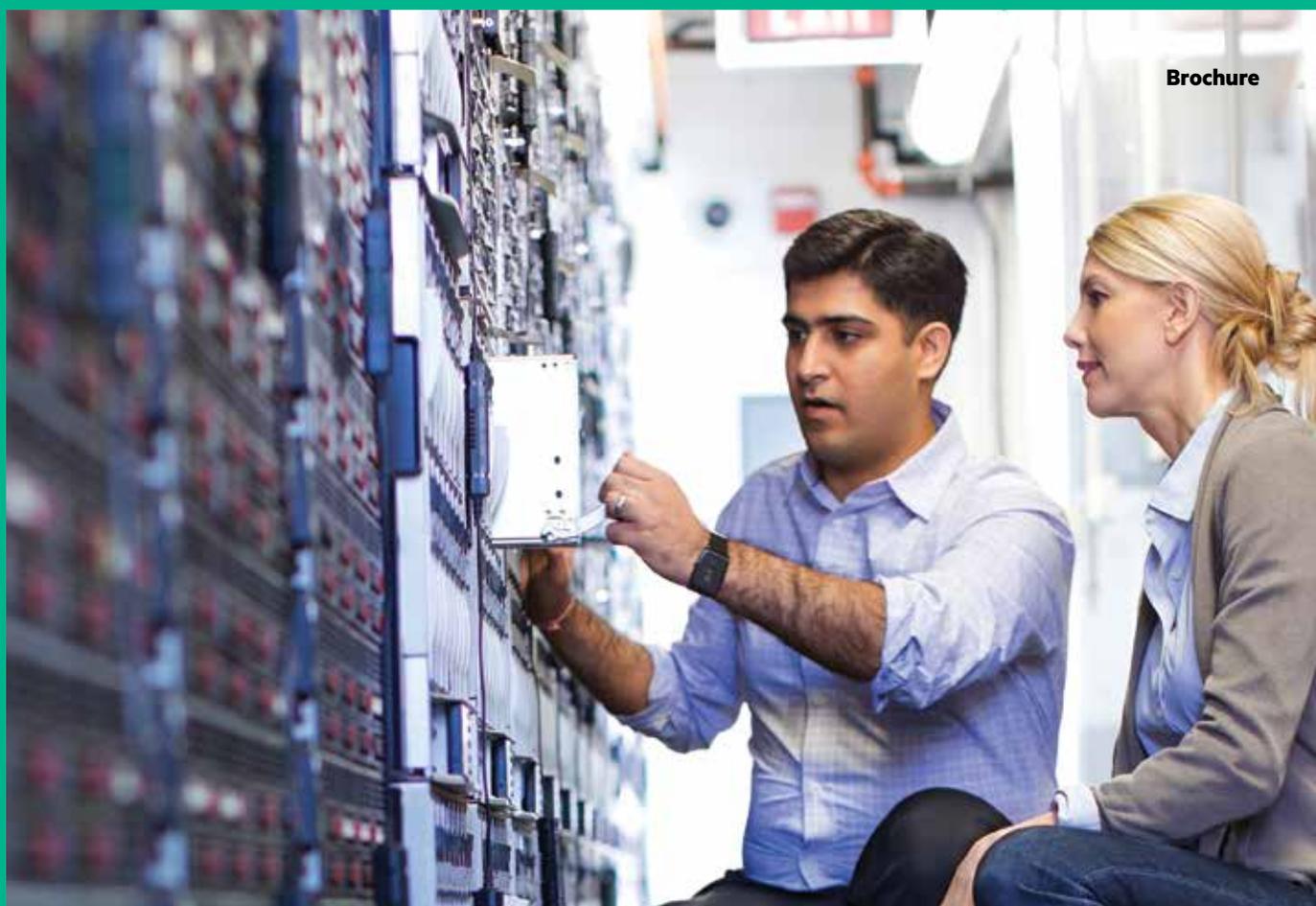# Create a unified strategy

HPE Data Center Strategy and Business Case Service

HPE
POINTNEXT

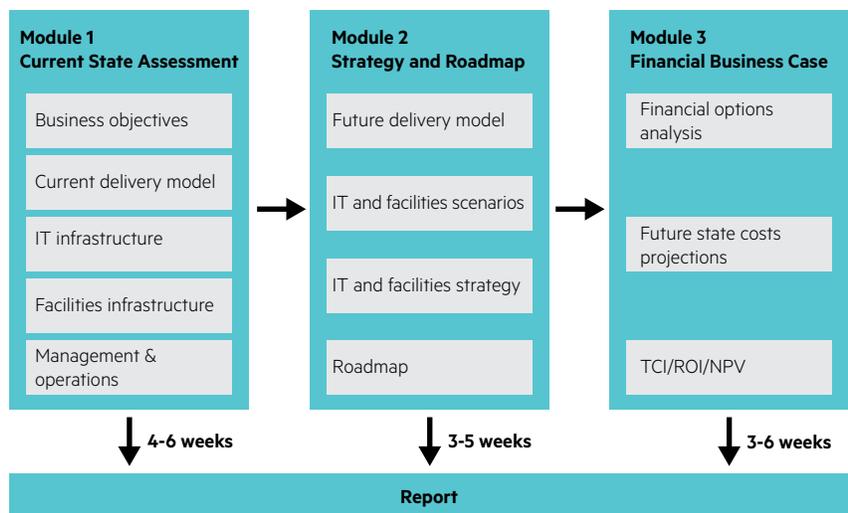# HPE Data Center Strategy and Business Case Service

The Data Center Strategy and Business Case Service provides a unified approach to Enterprise facilities and IT infrastructures as well as application environments that are typically managed by separate business units within your organization. The Data Center Strategy and Business Case solution takes you on a journey from assessing the capabilities today of your IT operations, tools and management frameworks, technology architecture and IT, and facilities infrastructures. The Data Center Strategy Service puts you on a path to developing strategies and roadmaps, which lead to the design and implementation transforming the way you manage your data centers (DC).

Solution overview

Today, IT organizations are moving to a hybrid service delivery model on premise, via private cloud or traditional delivery, or individually sourced by external service providers. Given service delivery now emanates from multiple sources, the way that IT is provisioned and managed needs to keep in sync with the changing technical architecture and IT and facilities infrastructures.

HPE uses the time-tested framework for developing the Data Center Strategy and Financial Business Case that provides you with the information required to thoroughly understand the current and future state IT and facilities requirements for the data center strategy. HPE's delivery framework will provide a comprehensive analysis of the current data center framework and facilities environments, testing the suitability for the existing data center facilities to meet technology architecture and infrastructure strategies. The illustration below outlines the Data Center Strategy methodology as modules to complete the study.

Module 1 Current State Assessment	Module 2 Strategy and Roadmap	Module 3 Financial Business Case
Business objectives	Future delivery model	Financial options analysis
Current delivery model	IT and facilities scenarios	
IT infrastructure		Future state costs projections
Facilities infrastructure	IT and facilities strategy	
Management & operations	Roadmap	TCI/ROI/NPV
↓ 4-6 weeks	↓ 3-5 weeks	↓ 3-6 weeks

Report

Module 1 Current State Assessment

The HPE team collaborates with you via meetings/discussions with relevant personnel to complete data gathering, reviews, assessments, analysis, and modeling efforts required to develop an integrated and right-sized future state data center strategy.

Discovery Workshops are held to allow the HPE teams to quickly come up to speed with the DC environment in a highly collaborative manner.

Current state data gathering workshop
During the Module 1 activities, the HPE team will use the Strategic Visioning Workshop to gather relevant business, operational, and technology information required to provide a high-level assessment and analysis of the current state environment so as to develop a right-sized, practical, and workable future-state strategy and framework.

Data collection and discovery
HPE uses its proven integrated approach to perform discovery and data inventory activities for each key area; infrastructure (servers, storage, and networks); DC financials/economics; critical applications; organization; DC operations and processes and DC risks (DR/BC).

Interviews are conducted with business, management, and IT team members to determine strategic direction, drivers, growth modeling, standards, and roadmaps. The HPE team helps identify and outline current risks to the facility, facility infrastructure, technology infrastructure/architecture, and operations.

HPE continues collaboration via follow-up discovery sessions to complete data gathering, reviews, assessments, analysis, and modeling efforts required to develop an integrated and right-sized future state data center strategy.

Module 2 Future State Strategy and Roadmap

During this phase of the engagement, the HPE and your subject matter experts develop the holistic future state IT and facilities strategy. The team continues to work collaboratively to incorporate data gathered and vetted from a future state strategy definition to develop an enhanced or "right sized" future state data center model incorporating an accumulated understanding of the business, risks, technology, and data center profiles to develop a data center strategy.

The team will continue to collaborate to complete data gathering, reviews, assessments, analysis, and modeling efforts required to develop an integrated and right-sized future state data center framework.

Future state delivery model
This phase focuses your key stakeholders and IT management on the future state delivery model centered around IT architecture and hybrid service delivery options like cloud utilizing a two (2) day Future State Workshop. The purpose of the session is to gain insight and consensus on the future state service delivery and what areas will transform and over what time period.

Future state IT and facilities strategy
The Future State IT Infrastructure Strategy references the future state delivery model that is driving the IT and facilities infrastructures and requirements and formulates the desired future state infrastructure.

The three important elements of Future State Strategy and Roadmap module are:

• Transform to Hybrid Infrastructure Transformation Workshop

• HPE Global Methods for IT Strategy and Architecture Workshop (HPEGM for ITSA)

• Facilities Topology Workshop

Future state IT and facilities scenarios
The objective of this step is to assist you with the analysis of one or two scenarios centered on data center consolidations, expanded data center frameworks, and data center sourcing options.
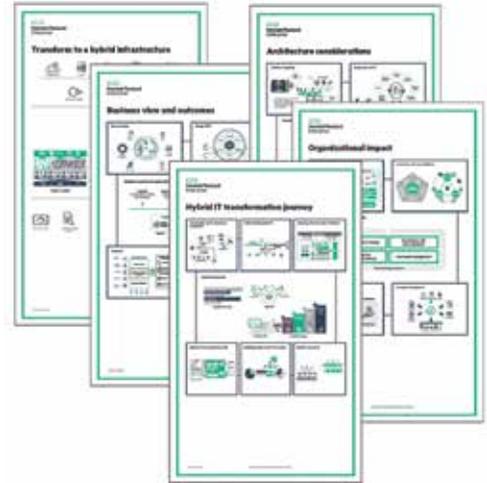
Roadmap

During the roadmap planning effort, HPE Consultants will use HPE's Future State Strategy Model and Scenario Analysis and create a roadmap of sequential events and milestones to implement the plan.

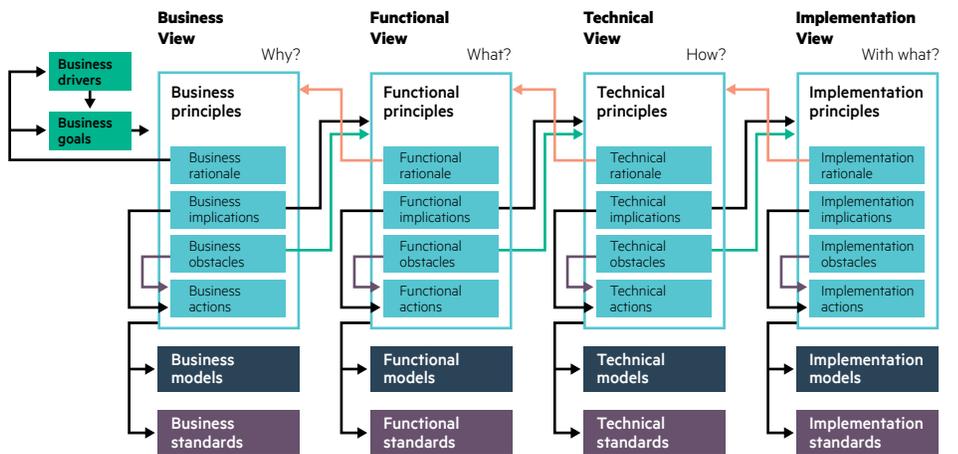**Transform to Hybrid Infrastructure Transformation Workshop**

Share experience and best practices

1 day workshop with report

- Interactive workshop for key stakeholders and decision makers (CIO and direct reports as well as BUs representatives)
- Unique format involving human size graphic display panels for proactive discussion of key topics
- Creates awareness and insights into the complete scope of Hybrid IT transformation from facilities to IT Infrastructure, Applications, Security, Governance...

Results

- Agreement on objectives and vision
- Understand main focus areas for Transformation
- Decision to move forward with transformation planning

HPEGM for ITSA Framework

Module 3 Financial Analysis

HPE gathers the relevant financial information that is required to understand the impact of HPE's recommendations on the operating expenses and capital expenditures, while estimating the required project investments.

The HPE Team, in collaboration with your team, develops the executive level Business Case, including Comprehensive Cost Analysis. The intent of the business case is to answer the question "Why do we need to proceed with this recommended data center roadmap program?" This module is integrated into the Data Center Strategy process and works in a parallel/combined work stream starting in Module 1 and 2 activities. The deliverables are combined into one document for final delivery.

Project deliverables

HPE Consultants provide the following deliverables in the course of performing the services described.

The team will provide a general typical data center best practices section within the final deliverable. If there are specific areas that you would like to ensure to be included, we would request prior notice to allow the team members to locate a SME resource within the organization if necessary.

Module 1 deliverables
• Data Center Transformation experience summary report

• Checkpoint-1 Presentation outlining findings and initial technology growth modeling outputs

Module 2 deliverables
• Checkpoint-2 presentation outlining findings and potential future state scenarios and facilities sourcing options

• Develop roadmap of high-level consolidation/transformation transition strategy/plan

• Summary of current state of data center environment addressing gaps/limitations, risks, and business drivers for consolidation

• Description of options that were evaluated highlighting costs, risks, and benefits

• Business requirements based need to provide new and/or enhanced data center infrastructure capabilities

Module 3 deliverables
• The financial Business Case Analysis (BCA), which will consist of one or two recommended scenarios

Convergence
HPE can provide the complete lifecycle of services from Strategy to Implementation

Why Hewlett Packard Enterprise

HPE leads the industry with acknowledged expertise in strategic reviews of IT processes, and all aspects of data center design and operation globally.

The interpreted goal of this service is to construct a vision and strategy leading to requirements and execution. Once the strategy becomes lucid, the consultancy delivers scenario-based financial modeling to validate the expected savings, flexibility and growth potential delivered to you. This model balances the risks and costs associated with investment in regionalizing vs. centralizing data centers. Changes for growth, resiliency, organizational changes, mergers and acquisitions, regulatory requirements and host of other internal and external factors are considered by HPE providing flexible capacity, software, and technology upgradeable recommendations.

Other expected benefits and rewards through the HPE approaches in this consultancy include:

- Transparency through predictable spending and measurable service levels

- Leverage of best price by standardization and optimization of the data center environment

- Productivity gains through redeployment of resources

- Continuous improvements using Project and ITIL-like practices

- Single point of accountability in a multi-vendor solution

- Right-size technology and framework to manage growth through evaluating the optimum data center design for the business

- Strong global governance and leverage of cultural alignment facilitating an improved target date for TCO fulfillment and business alliance

Learn more at
hpe.com/services

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