



HP Converged Infrastructure Maturity Model

Make more informed IT decisions

Brochure

Accelerate your move to a next-generation data centre

Data centres are sprawling. For two decades, IT organisations have been adding servers, storage systems and networking devices to keep pace with business growth. In the typical environment, the bulk of these resources are locked up in hundreds of technology silos, each devoted to a particular application or line of business. The result is an infrastructure that is too complex, over-provisioned, under-utilised and difficult to manage. As a result, costs go up. In fact, if you are like most organisations, the cost of IT operations and maintenance is absorbing a disproportionate amount of the IT budget – leaving only a small percentage for more strategic or innovative needs.

From a business user perspective, as data centres become more complex, the time, risk and cost to deliver IT projects increases – often taking several months to bring new applications on-line. These long delays restrict business agility. Business application

The HP Converged Infrastructure Maturity Model is part of the HP Converged Infrastructure initiative. Delivered through our unique architectural approach, a Converged Infrastructure creates an environment where all resources and processes are controlled by a shared-services engine that provisions and adapts application environments to instantly respond to business demands. The result is that you can focus more resources on innovation and turn your technology investment into a real differentiator for your business.

owners need faster time to value, quicker returns on technology investments and better service levels. To achieve these goals, you need to simplify your existing environment and move resources to more strategic or innovative projects.

Overcoming IT sprawl

To overcome this IT sprawl and improve business outcomes, data centres need to make fundamental changes. The solution to sprawl lies in a Converged Infrastructure that is resilient, optimised, virtualised, orchestrated and standards-based. It brings together shared-service management, a highly flexible system and network fabric, virtual resource pools and intelligent energy management and data centre design. Most importantly, your organisation should develop metrics that capture effectively how the data centre adds true value to both top-line contributions as well as expenses that affect the bottom-line.

Many leading analysts agree that the next-generation data centre is about improving IT across three characteristics – operational efficiency, quality of service and speed of implementing IT projects. A successful plan toward a next-generation converged infrastructure requires both a tactical and a strategic dimension. Tactically, you need to break down the IT silos by standardising, modularising and virtualising your IT environment while automating error-prone manual processes and simplifying and tightening management control. Strategically, you need to change how IT interacts with your business – bringing together people, process and technology.

'The HP Converged Infrastructure Maturity Model is an easy-to-use tool that did a great job linking our IT and business goals and objectives and specifically explaining how IT initiatives, such as governance and virtualisation, can add money to the company's bottom line.'

Don Head, Director Infrastructure & Technology Solutions, Maple Leaf Foods Inc.

At HP, we understand how tactical and strategic dimensions relate to and depend on each other. We also know that you have very specific needs and objectives. We bring these considerations together with our HP Converged Infrastructure Maturity Model (CI-MM).

Move forward in a more predictable manner

HP CI-MM uses a pragmatic and structured approach, based on business and IT objectives and quantitative metrics. It provides a high-level, customised roadmap of suggested next-steps and recommended projects to meet your overall business and IT priorities. This roadmap helps you drive toward your next-generation data centre.

This holistic approach enables you to assess the current state of your data centre and define an action-oriented, step-by-step, high-level plan for reaching your desired future state. HP CI-MM uses a broad set of real-world metrics, based on research and industry best practices that align business metrics for IT: Operational efficiency, quality of service and IT agility.

Understand your current IT infrastructure stage

Leveraging primary market research data from over 1500 companies, the HP CI-MM process evaluates your IT organisation across four domains:

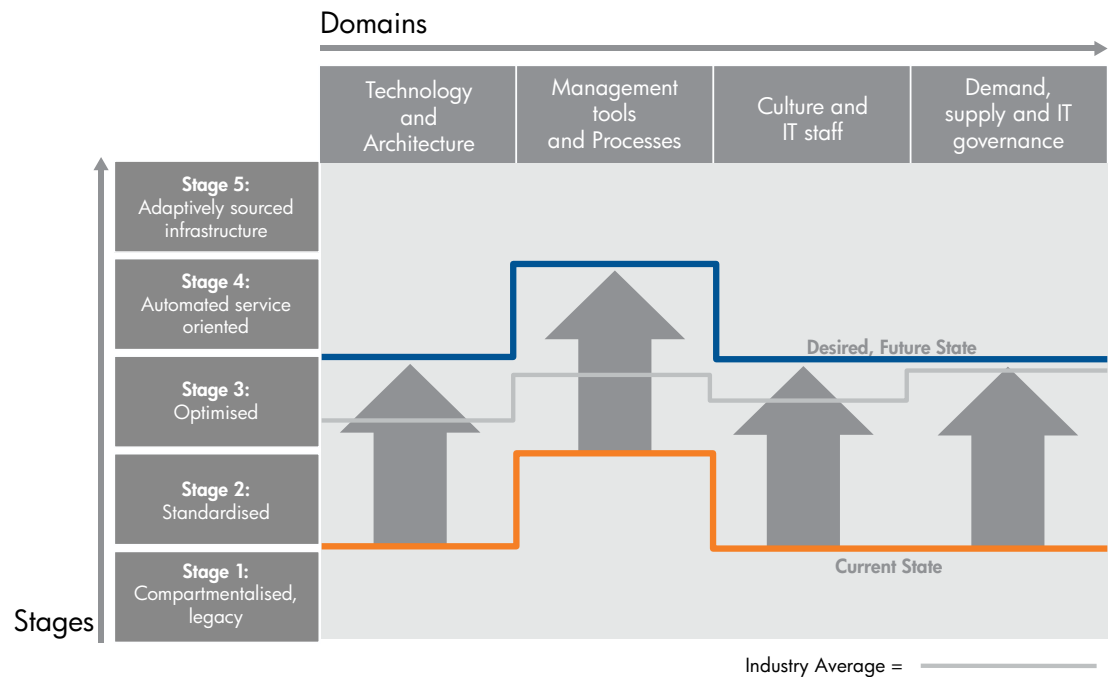
- **Technology and Architecture:** HP CI-MM considers hardware, software, network and infrastructure applications. Maturity in this domain ranges from dedicated IT resources to cost-effective, pooled, shared and automated resources.
- **Management Tools and Processes:** This domain focuses on resources used to plan, manage and improve infrastructure service delivery. Maturity ranges from project-based tools and information to standard, integrated tools, processes and information collection for end-to-end management aligned to business goals.
- **Culture and Staff (IT Personnel):** In this domain, we examine IT organisational structure, roles, responsibilities and work environments. Maturity ranges from a technology-oriented environment to a more service-oriented, business-centric environment.
- **Demand, Supply and IT Governance:** In this domain, we measure business demand for infrastructure services and the supply of those services by the IT organisation. Maturity ranges from IT as a cost centre to an IT governance model that provides real-time alignment of supply to demand with a consumption-based funding model.

HP CI-MM helps you develop a robust, high-level infrastructure roadmap, based on your business and IT priorities.

Across the following four domains, CI-MM gathers information that helps HP professionals analyse your infrastructure's current and desired state against five stages of maturity:

- Stage 1: Compartmentalised (least mature)
- Stage 2: Standardised
- Stage 3: Optimised
- Stage 4: Automated Service Oriented
- Stage 5: Adaptively Sourced Infrastructure (most mature)

Figure 1: HP Converged Infrastructure Maturity Model – mapping your current state of maturity with your future, desired state across the four core domain areas.



The next step is to identify priorities for moving forward. These are expressed in terms of the metrics that are most important within a given timeframe. This information is then incorporated into your specific roadmap and delivered through a recommendations report.

With HP CI-MM, your IT organisation can also compare your current level of achievement in the different areas versus the average for other IT organisations and companies. This gives you a better perspective on where you are and where you need to be.

How it works

The HP CI-MM process, which typically takes two to three weeks to complete, involves eight hours of your time on average. This service, led by HP professionals as part of our continued investment in our customers, includes data gathering, review and analysis of information and a half-day workshop on the results and priorities for your IT organisation.

Following the workshop, HP professionals develop and deliver a pragmatic, action-oriented set of specific recommendations and your high-level, step-by-step, suggested roadmap. Recommendations include different approaches you can choose to move your organisation forward. They can encompass technology approaches, such as IT consolidation, IT Service Management and Business Service Automation. And they can also include transformational approaches, such as Data Center Transformation services.

Ultimately, you will be able to define a series of actionable – and measurable – steps and project types that are based on quantitative metrics and industry and HP best practices. With a roadmap tailored to your business priorities and IT environment, you can make decisions that are more accurate, more relevant and more substantiated and to understand how the actions you take contribute to meeting your business goals.

Unleash your Potential

HP, along with our partners, are ready to put our vast resources and expertise to work to help you achieve better business outcomes. Let us start with a discussion of your needs and goals, and how you can take advantage of HP CI-MM to move your organisation toward a next-generation data centre – leveraging the strategy, range and architectural approach delivered by the HP Converged Infrastructure.

For more information

For more information on these services, contact your HP representative or visit:

HP Converged Infrastructure Maturity Model
www.hp.com/go/cimm

HP Converged Infrastructure
www.hp.com/go/convergedinfrastructure

HP Solution Showcase for Converged Infrastructure
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