

# IT must meet digital ambition



Can your information technology organization keep up with your digital business ambitions? For most organizations, the answer is no—at least not right now. Accelerating time-to-value requires focused effort and priority across the entire operating model. However, with a proper approach and leadership driving change, organizations can achieve more than they ever imagined.

## **Accelerate time-to-value**

Most organizations have similar pain points. It's even worse for incumbents that have set ways and a depth of technical debt. Long-standing institutions with legacy infrastructures need the same speed, agility, and economics that digital-native competitors enjoy, to meet consumer demand and stay competitive in an evolving marketplace. But they also need to maintain control of their apps and data to mitigate risk and comply with regulatory requirements. Adopting a hybrid cloud approach—encompassing a mix of public, private, and edge ecosystems—offers a flexible cloud formation with the best performance, management, control, and resiliency for varied workloads.

Using a planned infrastructure of on-premises equipment, private cloud capabilities, and public cloud providers allow flexibility, but transforming to hybrid cloud-based IT needs more than an understanding of the technology. It requires a cultural shift that spans people and business processes, as well as the technology stack. Specialized expertise is needed to transform critical workloads and evolve operations to accelerate and realize the full value of a digital business.



## Critical themes for contemporary organizations

As audiences demand the next level of experience, expectations shall be elevated creating a new normal for IT organizations. Here are just a few of the critical themes that will need to be addressed.

**Reliability**—will dominate strategic objectives congruent to business and operational continuity

**Security**—assumes the role of an enabler and begins to act like a true engineering group delivering results with a DevOps mentality

**Continuous compliance**—needs to be maintained on several levels—regulatory, security, architectural, technical, and financial

**Business intelligence**—will soon be table stakes and will begin to separate the weak from the herd

**Operating model**—shall incorporate high-performing cross-functional teams to address operational continuity and digital ambitions

**Incessant delivery**—must be delivered to production targets regularly to attract and retain customers

**User experience**—for the workforce must reach parity with experiences encountered outside of an employment setting

**Performance management**—will reign paramount, as outstanding performers and change agents driving transformation need to be vigorously rewarded to retain talent in a competitive marketplace

## An adoption framework

Organizations are looking for the right mix for their hybrid cloud strategy to accelerate, de-risk, and scale innovation, and business outcomes. With the HPE Edge-to-Cloud Adoption Framework, Hewlett Packard Enterprise is providing organizations with one of the most comprehensive set of proven methodologies that identify and develop the critical capabilities needed to achieve an optimal hybrid cloud operating model for their business needs.



Figure 1. HPE Edge-to-Cloud Adoption Framework

Organizations should prioritize these capabilities to establish the foundational building blocks to accelerate time-to-value across their operating model.

Domain	Critical capability	Target state
Strategy and governance	<ul style="list-style-type: none"> <li>Executive alignment on definition of value</li> <li>Comprehensive strategy (based on value stream analysis)</li> <li>Strategy execution delivery governance</li> </ul>	Has a measured strategy and cross-functional team to act as the driving force behind transformation realization
People	<ul style="list-style-type: none"> <li>Talent acquisition pipeline</li> <li>Skill capacity visibility, along with risk and succession plan</li> <li>Talent enablement strategy</li> </ul>	Has a blended workforce that is energized and prepared to satisfy business ambitions
Security	<ul style="list-style-type: none"> <li>Comprehensive visibility across hybrid cloud ecosystem</li> <li>Encryption and key management</li> <li>Efficient identity access and privilege management</li> </ul>	Has a security posture that reduces risk and enables delivery by maintaining continuous compliance through a robust security services and API catalog
Data	<ul style="list-style-type: none"> <li>API catalog and self-service</li> <li>Data stewardship and event curation</li> <li>ML Ops (with human-assisted learning)</li> </ul>	Has a data management approach that delivers meaningful insights that can be actioned by functional practices across the value stream
Operations	<ul style="list-style-type: none"> <li>Infrastructure patterns for application archetypes</li> <li>Software-defined IT ecosystems</li> <li>Automated and orchestrated incident response</li> </ul>	Has a value-focused operating model that prioritizes a proactive posture and eliminates waste and toil
DevOps	<ul style="list-style-type: none"> <li>Automated CI/CD pipelines</li> <li>Agile/Lean software development lifecycle (SDLC) (includes Agile/SAFe)</li> <li>Low-code/no-code platforms</li> </ul>	Has a scalable DevOps methodology and automated pipeline that increases reliability, repeatability, and maintainability of solutions
Applications	<ul style="list-style-type: none"> <li>Asset and dependency management</li> <li>Microservices architecture</li> <li>Application archetype design patterns</li> </ul>	Has architected and engineered solutions for various application archetypes that eliminate arbitrary uniqueness across the portfolio and enable application teams to prioritize business problems (versus technology problems)
Innovation	<ul style="list-style-type: none"> <li>Dedicated R&amp;D and innovation budget (money and time)</li> <li>Adoption and integration of cloud services</li> <li>A/B testing and learning agenda framework</li> </ul>	Has a methodology in place to perform research and apply techniques that support continuous learning and better results



## In short

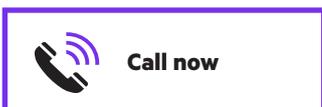
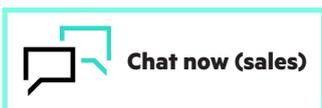
Any transformation, at its core, is more than just IT. It includes people and processes too. Why? Because a meaningful, sustainable, and effective transformation of any kind requires a change in the way organizations and their people operate and behave. This is especially true when it comes to digital transformations, which, as a minimum, aim to inject agility into the way an organization works. That requires technical change, of course, but in some ways, that's the easy part.



### About Steve Fatigante

Steve Fatigante is an IT executive with 28+ years of experience delivering digital transformation and hybrid cloud solutions. He is a driven leader with an extensive background in formulating IT strategies that emphasize digital transformation, hybrid cloud adoption, information security, flexible and extensible architectures, and service reliability for both regulated and growth-oriented industries. He leverages entrepreneurial skills and a bias for action to deliver measurable outcomes by seamlessly integrating people, processes, technology, and innovation. Steven has a knack for making strategic implementations, delivery and execution, and transformation feel tactical and practical. He is an inventor on five U.S. technology patents.

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