Digital Infrastructure Strategies

IDC's *Digital Infrastructure Strategies* research program provides visibility, insights, analysis, and predictions into why and how enterprise compute, storage, and automated operational priorities are evolving to support digital business imperatives in the AI everywhere era. The program is anchored by analysis of empirical data gained by surveying IT executives, decision-makers, buyers, and practitioners. The program seeks to identify shifts and changes in infrastructure architectural patterns, IT infrastructure procurement preferences, vendor and provider affinity, staffing, process and skill set modernization trends, and budget priorities. The service enables IT vendors to anticipate changing market dynamics and customer demands and adjust their product and service strategies to gain competitive advantage. The program enables IT end users to track how industry peers are evolving infrastructure strategies, so they can proactively adapt and evolve to stay ahead of the competition.

MARKETS AND SUBJECTS ANALYZED

- AI-ready Infrastructure trends
- Best practices for infrastructure governance
- Hybrid cloud and multicloud interoperability
- Infrastructure staff and skill set transformation
- Customer feedback on strategic vendors and partners
- Infrastructure modernization and tech debt avoidance
- Core to cloud to edge architecture priorities
- Infrastructure hardware and software vendor and cloud provider perception audits
- Digital infrastructure transformation best practices
- Future Enterprise Award recognition and recipient case studies

CORE RESEARCH

- IDC's Worldwide Survey Results: Digital Infrastructure Priorities and Challenges
- IDC's Worldwide Survey Results: Persona-Based Views of Digital Infrastructure Priorities and Challenges
- Analysis of AI Impacts on Hybrid and Multicloud Infrastructure Operating Models
- Digital Infrastructure Governance Best Practices in the AI Everywhere Era
- Digital Infrastructure Staff, Skill Set, and Process Transformation Plans and Outcomes
- IDC FutureScape: Worldwide Future of Digital Infrastructure Predictions
- Digital Infrastructure Vendor and Cloud Service Provider Perception Audits and Customer Feedback
- IDC's North American Digital Infrastructure Future Enterprise Award Winner Profiles and Lessons Learned

In addition to the insight provided in this service, IDC may conduct research on specific topics or emerging market segments via research offerings that require additional IDC funding and client investment. To learn more about the analysts and published research, please visit: Digital Infrastructure Strategies.

KEY QUESTIONS ANSWERED

1. How will customers accelerate infrastructure transformation from experimentation to production in the AI everywhere era?
2. How will AI impact infrastructure operations staff, skill sets, and process automation?
3. What factors do IT decision-makers consider when selecting strategic infrastructure vendors, partners, and cloud services?
4. How do worries about tech debt change infrastructure investment, operating, and spending strategies?
5. How are the needs of AI-enabled digital business impacting strategic commitments to established infrastructure products and services?
6. What do enterprise commitments to hybrid cloud and multicloud environments require in terms of operating model transformation?
7. How can IT leaders and decision-makers gain and keep C-suite focus on strategic infrastructure investments, governance, and policies?

COMPANIES ANALYZED

This service reviews customer successes and business outcomes enabled by a wide range of cloud service and digital infrastructure equipment and software providers, including:

AMD, AWS, BMC, Broadcom, Cisco, Cognizant, Dell Technologies, DXC, Equinix, F5, Flexera, Google Cloud, HCL, Hitachi Vantara, HPE, IBM, Intel, Kyndryl, Lenovo, Microsoft Azure, NetApp, NVIDIA, Nutanix, Oracle, Orange, Pure, Red Hat, Rocket, ServiceNow, Verizon, and VMware by Broadcom.