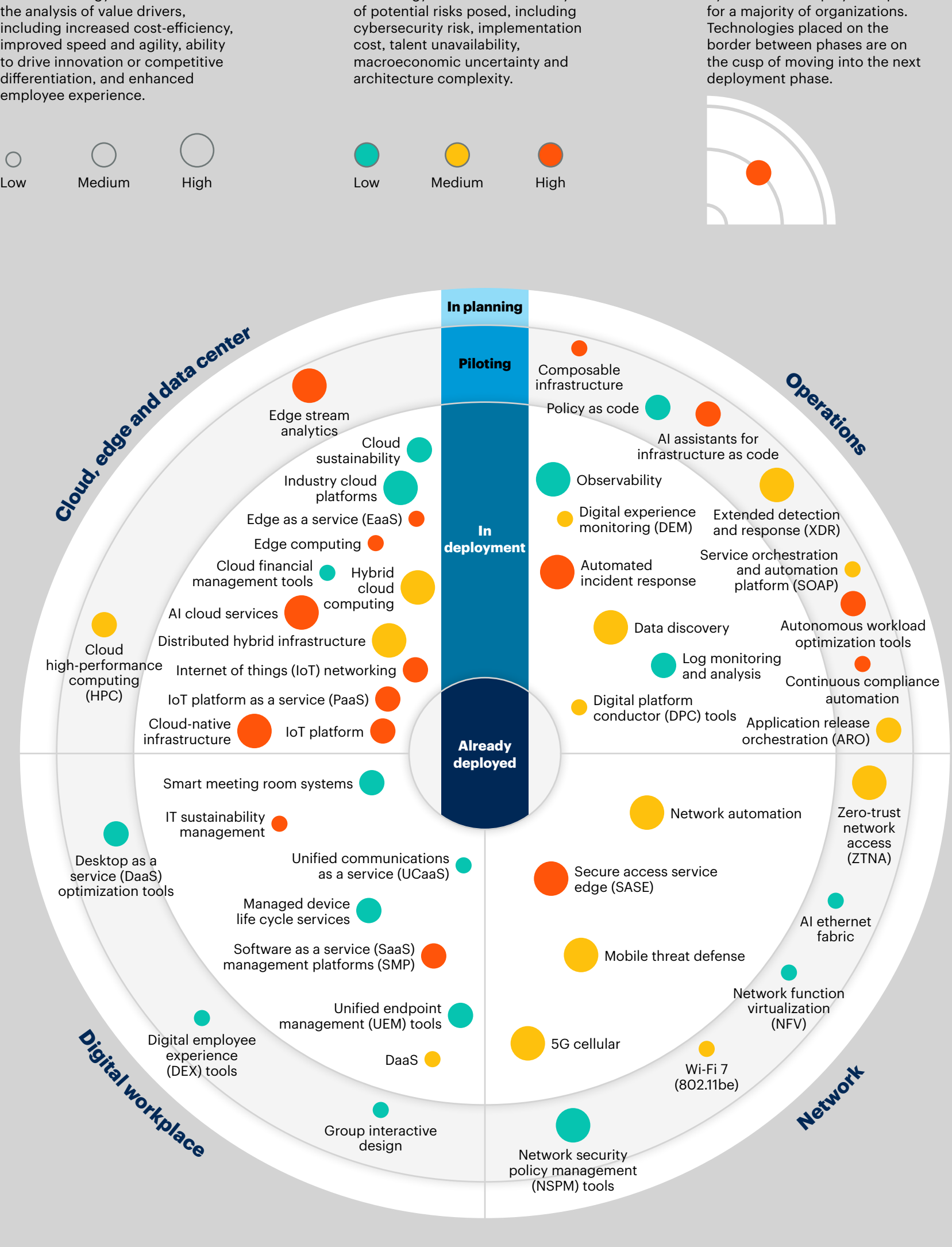


2025 Technology Adoption Roadmap

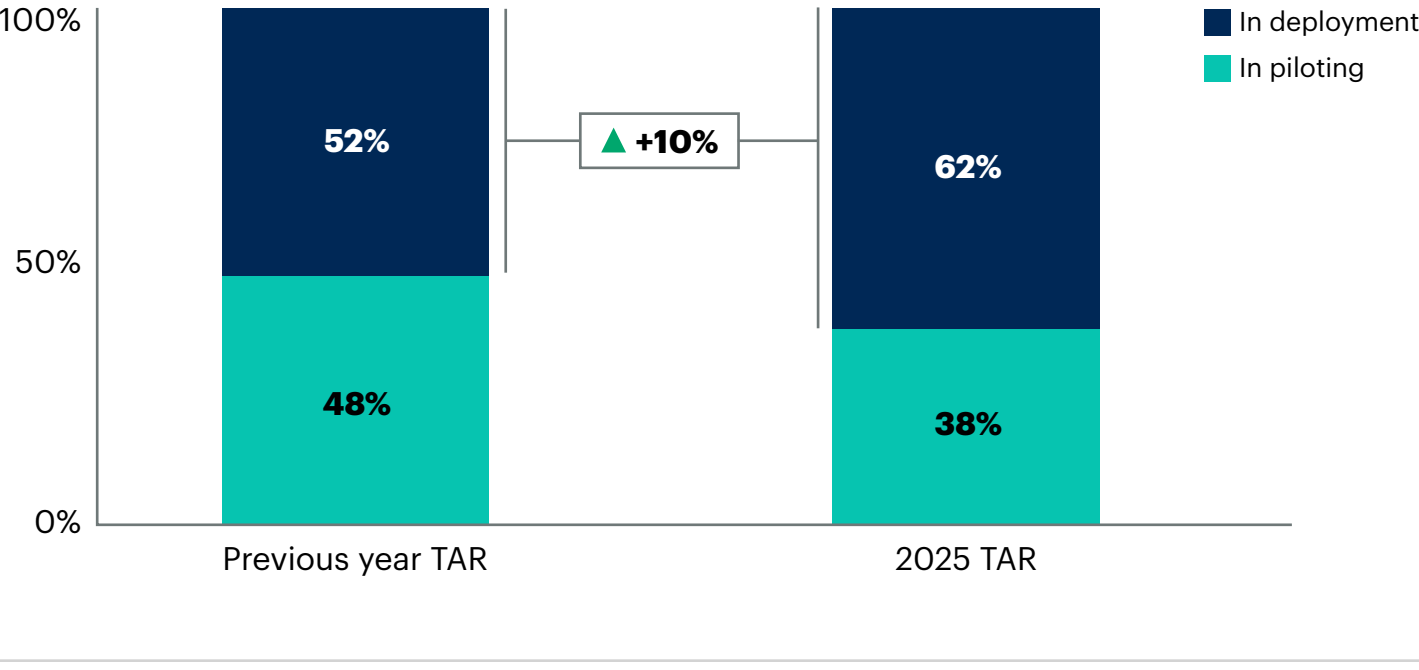
CIOs and other IT leaders can use this research to benchmark their technology adoption plans and practices across operations, network, digital workplace, cloud, edge and data center. This research offers technology adoption timelines and risk and value drivers for 47 technologies from 125 of their peers.



Key take-aways from the 2025 roadmap

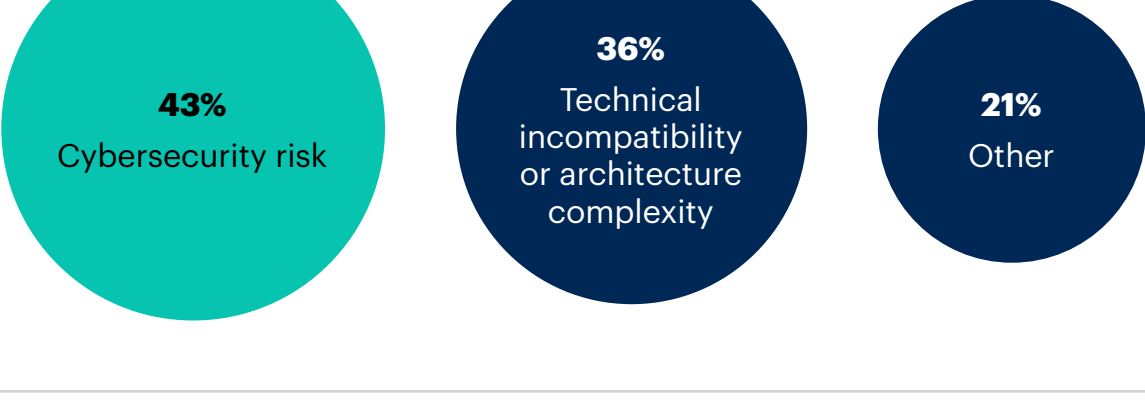
1 More technologies are in deployment in 2025.

Distribution of technologies by adoption stage  
Percentage of technologies



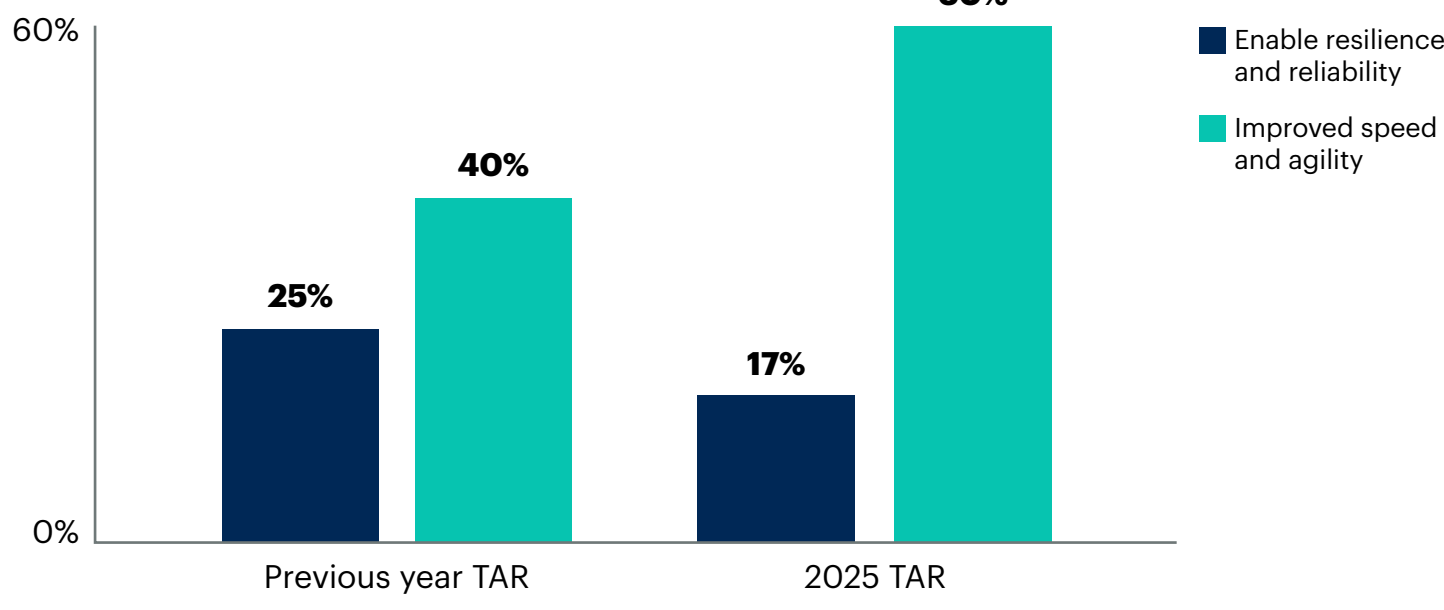
2 Cybersecurity is the top risk for technology adoption.

Primary risk driver of technologies this year  
Percentage of technologies



3 Speed and agility remain a primary value factor.

Enabling resilience and speed and agility as a value driver for technologies in previous and current year's TAR  
Percentage of technologies



Some other take-aways  
2025 key technology trends

**IT leaders continue to emphasize aaS technologies while also emphasizing sustainability efforts.** Of all the “as a service” technologies included on the roadmap this year (edge as a service, IoT PaaS, desktop as a service [DaaS] optimization tools, DaaS, SaaS management platforms [SMP] and unified communications as a service [UCaaS]), all technologies except DaaS optimization tools are in deployment.

**Most IT leaders have implemented at least one generative AI (GenAI) use case within their function.** Respondents noted that they have fully implemented GenAI solutions for IT use cases, with 77% indicating they have implemented at least one such use case.

**Managing technical debt is a priority for IT leaders, with the majority dedicating half their budget to address those concerns.** Of all the respondents, 52% indicated they spend at least half their budget addressing technical debt.

**IT leaders are prioritizing less risky digital workplace technologies to increase speed and drive productivity.** Of the 10 digital workplace technologies on the roadmap, 70% are in deployment, and 30% in pilot.

**Cloud, edge and data center technologies are continuing to be deployed for their ability to enable speed and agility.** Scaling in the cloud, edge and data center environments remains the top priority for IT leaders, with 86% of these technologies in these environments in the deployment stage.

**Operations technologies are being piloted despite the risk levels associated with deploying them.** Operations technologies had the highest percentage of pilot technologies among the four groups, with 57% in piloting.

**Network technologies are foundational to digital initiatives, with IT leaders viewing them as high-value technologies.** Of the nine network technologies, 67% are deemed high value, the highest percentage of high-value technologies among the four groups.

**GenAI gains traction.** GenAI is widely implemented in IT functions, reflecting its growing role in enhancing operations and driving innovation across organizations.

**Digital workplace technologies boost speed and productivity.** IT leaders focus on sustainability and “as a service” technologies, optimizing operations and reducing environmental impact through strategic tech deployment.

**Operations technologies forge ahead amid deployment risks.** Operations technologies are leading in pilot testing despite associated risks, driven by their potential to revolutionize operational efficiency and competitive advantage.

**Addressing technical debt as a key budget priority.** IT leaders prioritize managing technical debt, dedicating significant budget portions to streamline operations and improve IT infrastructure efficiency.

Technology adoption roadmaps across functions for your organization

Get adoption timelines and risk and value drivers for key technologies from your peers across:

- Infrastructure and operations
  - Midsize enterprises
  - Security and risk management
- Software engineering
  - Strategic portfolio management

To see more, set up a call:

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