

2H 2024 DevOps and Application Development Decision-Maker Survey Report

Survey of IT Decision Makers (ITDM) professionals to better understand the current state, use, and intents of DevOps and Application Development Market

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Key Findings

DevOps and Development

- Organizations are quickly incorporating AI in their software development (41%).
- Over the next 12 to 18 months, 83% of organizations indicate they are increasing their investments in AI Copilot, code generation, and DevOps (significant and modest increases).

Cloud-Native

- Nearly two-thirds of organizations are using Kubernetes to orchestrate some portion of their software development and DevOps pipelines.
- AI/ML/Generative AI and data-intensive workloads are being deployed on Kubernetes.

Testing

- The next 12-18 months will likely see strong growth in software testing investments, particularly in AI-augmented testing, AI-generated test cases, and test automation, reflecting the shift toward automation and AI-driven solutions.
- Security testing and test case management see steady increases in investment.

Platform Engineering

- Platform Engineering: 44% of organizations are standardizing platform engineering practices across relevant projects and departments. A significant portion (26%) is already in the very mature mastering phase.
- Platform Engineering: Organizations lean toward Kubernetes (57%) and AI-enhanced tools (56%) for platform engineering excellence.

Application Security

- Just above one-third of organizations create a Software Bill of Materials (SBOM) for 50% of their software releases. And nearly one-third of organizations create SBOMs for 75% or more of their software releases.
- Software Composition Analysis (SCA) (68%) will see just a slightly lower total investment, but it still remains an important area of investment in software security.

Operations

- The survey shows a strong trend toward increased investment in nearly all Cloud and Log Monitoring areas, with about a 70/30 split (on average) of increased investment versus maintaining the status quo.
- The percentage of organizations anticipating a decrease in operations investment is very low, with most areas seeing 1-3% of respondents expecting a moderate or significant decrease.

Recommendations for Vendors

1. AI is everywhere and being introduced to nearly all parts of the business. Vendors must focus on delivering tangible value, near and long term, rather than the latest innovation.
2. Be prepared to answer these critical AI questions - customers are unsure which technologies to choose, keep their data private and secure, and how to manage overlapping AI technologies, such as AI agents, from multiple vendors.
3. Kubernetes is considered the de facto delivery platform. The market is rapidly standardizing Kubernetes as the workflow management platform for traditional and microservices-based applications, DevOps and development tools, security, operations, services, etc.
4. Customers are looking for solutions that can support work across multiple aspects of the SDLC. Focus on how products satisfy workflows rather than narrow functions limited to one job role or skill.
5. Customer buying is shifting to favor vendors with a platform approach. They expect pre-integrated products (saving them the work), data that can be accessed and used across more than one product or function, and visibility across entire workflows, departments, and functions that your product addresses.
6. Customers are looking for efficiencies, work to flow across the SDLC, elimination of bottlenecks, and reduction of tool maintenance overhead. Thus, they expect rich APIs and integrations between your product and other vendors, including competitors, that are highly functional. They do not appreciate vendors who offer limited "lip service integrations" that are in name only.

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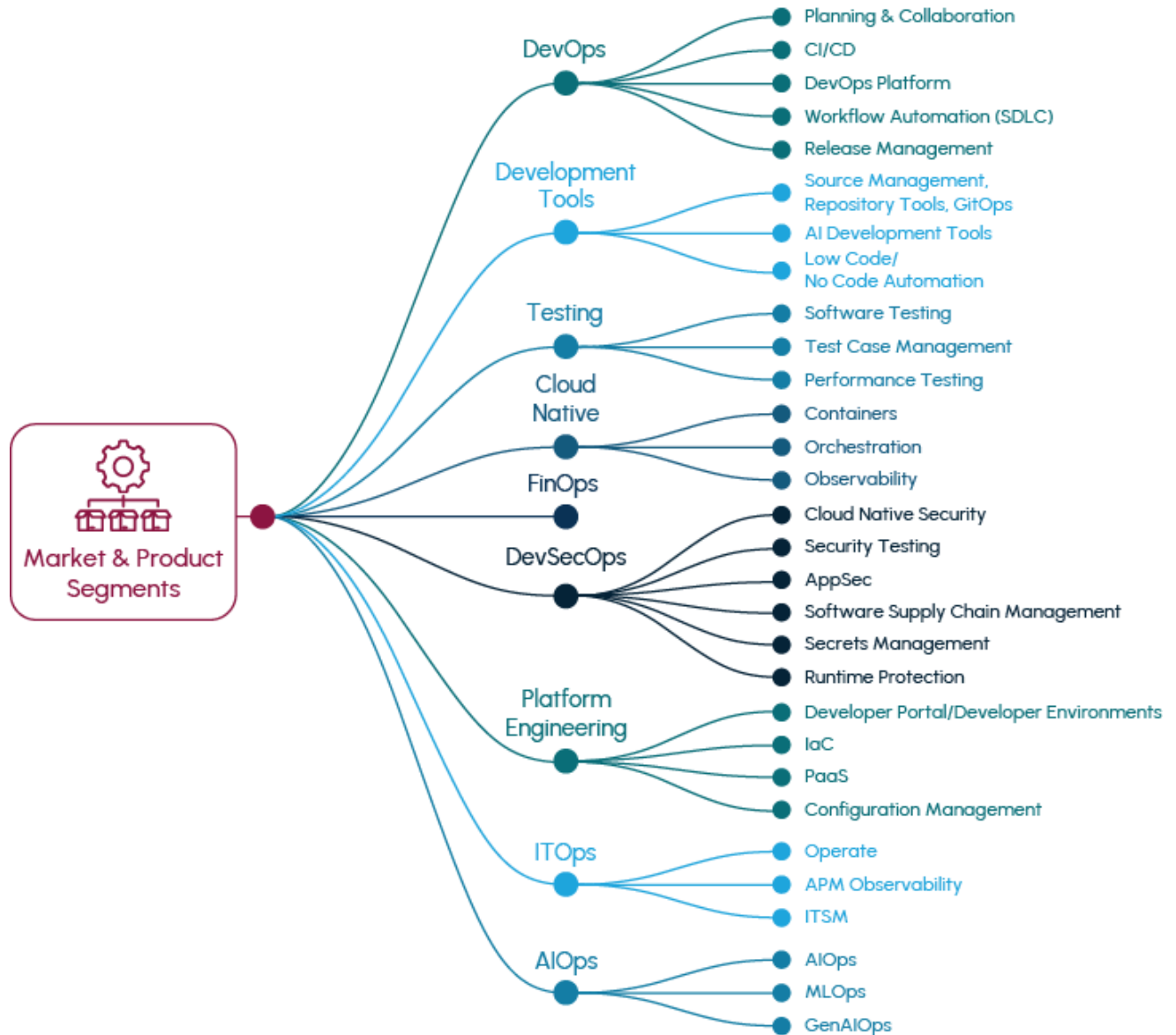
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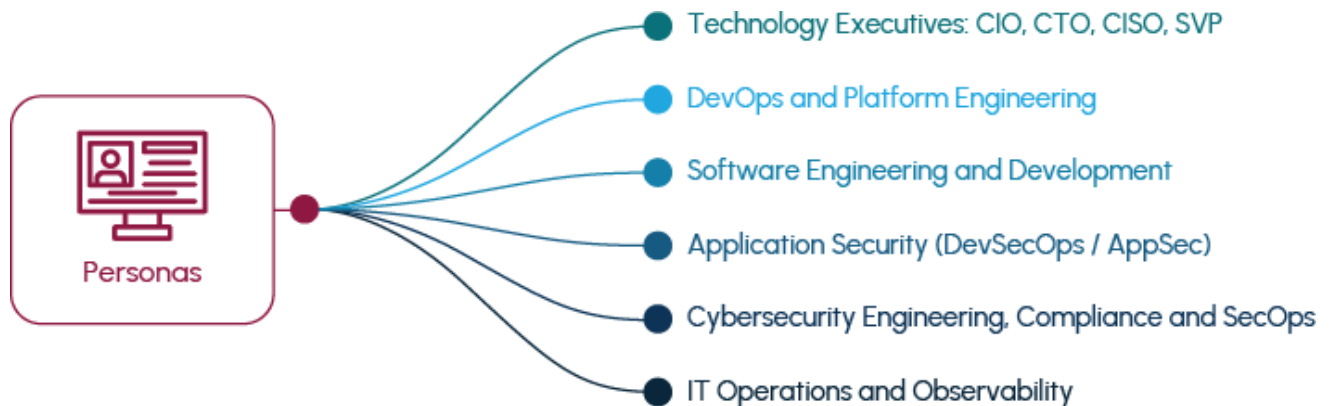
Market Model

Futurum views the DevOps and Application Development market through the following lens, with go-to-market products classified as follows:

Market & Product Segments



Personas



Introduction

In the 2nd half of 2024, we reviewed our market model and determined the best approach is to view the software development and DevOps market the way partitions view the world. The new market model incorporates both the software development lifecycle (SDLC) and the XOps approach by examining areas that apply principles from DevOps, such as DevSecOps, ITOps, etc. Observability and application modernization continue to be staples of our research and are now examined across elements of this larger market model.

The new market model that measures our buyer survey is broader and gathers data from a much more diverse range of functions across technology groups. So much so that there is more data in the Futurum Intelligence portal than could be contained within this one report. Visit the portal to slice and dice the data for your own analysis needs and to dive deeper into the trends highlighted in this report.

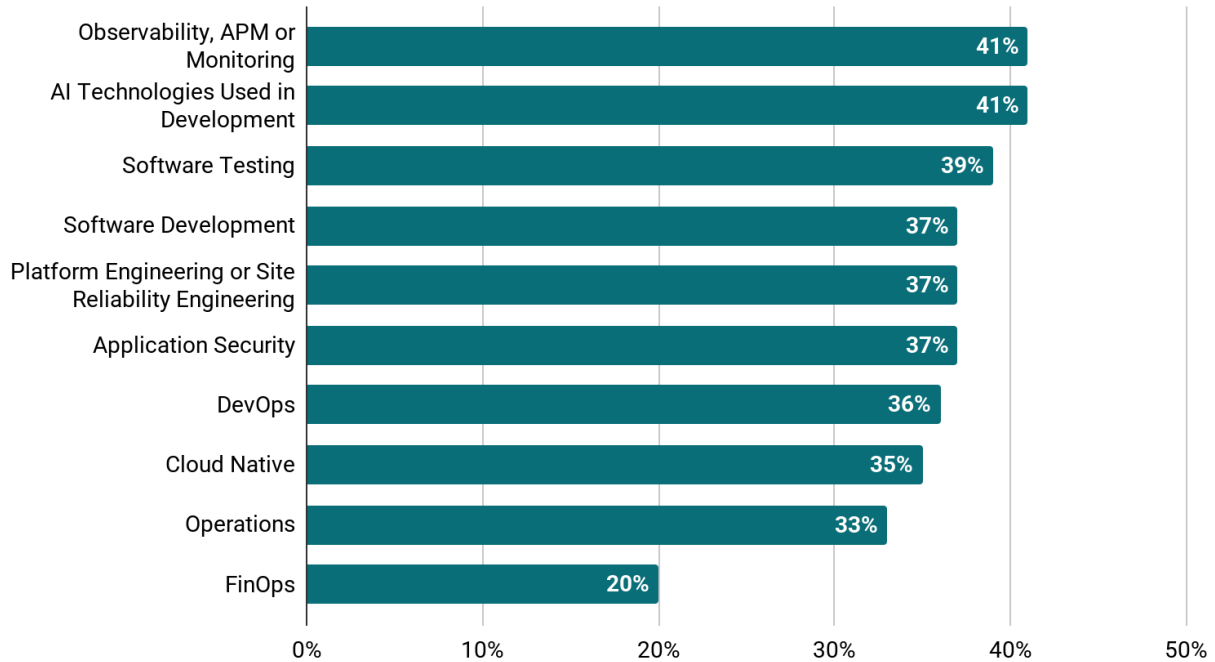
AI impacts all phases of the SDLC and how work is performed. That should not be a surprise to anyone. The important questions are how organizations experiment, use, and embrace innovations that are occurring at a fever pitch, so technology vendor offerings are positioned to bring value to customers (the signal) rather than add to the confusion (the noise).

While the DevOps and Application Development practice area covers a broad array of valuable data, information, and insights, Intelligence subscribers can benefit by viewing this information in the context of additional Futurum Research assets. Those include Analyst Insight Reports, Market News Reports, and other practice areas, including CIO Insights, Artificial Intelligence Software and Tools, Cybersecurity, and Enterprise Applications. Also, take advantage of our current [Futurum Research Agenda](#) and [Key Issues and Predictions](#).

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Analysis of Business Application Deployment, Software Development Practices, and Technology Utilization

Figure 1: What technology product or cloud service does your organization use?



Source: Futurum Research, January 2025

Technology Adoption Trends in Organizations

According to our study, 41% of organizations use AI technologies and observability/APM tools, emphasizing AI-driven development and performance monitoring. DevOps tools (36%) and cloud-native technologies (35%) are also widely adopted, reflecting the shift toward agile development and cloud-first strategies. Application security and platform engineering/SRE tools are used by 37%, showing a focus on system reliability. Additionally, 39% rely on software testing tools, while 37% use software development tools to support code management and collaboration. Operations-related tools are used by 33%, with lower adoption for FinOps tools (20%).

DevOps & Agile Maturity

DevOps is prevalent, with organizations at varying maturity levels: 21% are operationalizing, 44% are standardizing, and 26% are mastering DevOps practices. Only 1% have not started their DevOps journey, highlighting its critical role in software delivery. Agile practices show similar trends, with 40% standardizing Agile across their organizations and 32% achieving high competency. Just 1% have not adopted Agile, reflecting near-universal uptake.

Cloud vs. On-Premise Adoption

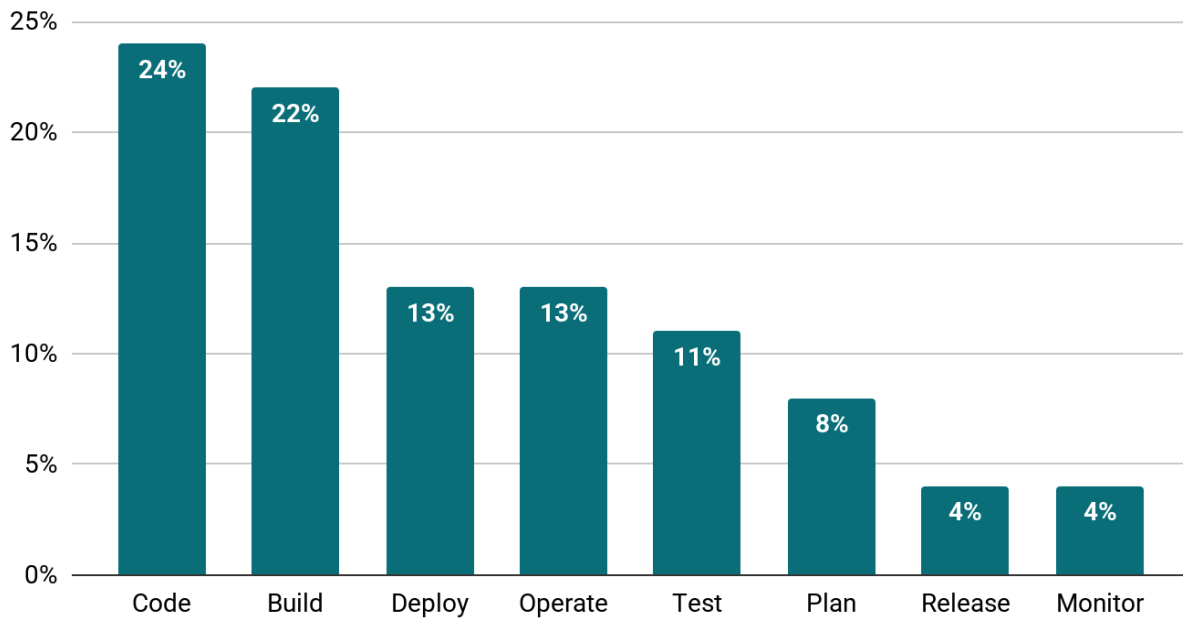
While only 5% of organizations are fully cloud-based, 10% remain entirely on-premise. Hybrid environments are common, with 41% running 50% of applications in the cloud. Cloud adoption is growing, but many maintain on-premise infrastructure.

Kubernetes, Containers, and Microservices

Kubernetes is used by 64% of organizations for internal software and DevOps pipelines, with 50% leveraging it in cloud environments. Container adoption varies: 15–29% use containers for half to three-quarters of applications, while 6% haven't adopted them. Microservices adoption mirrors this, with 15–29% using them extensively, though full adoption is rare (2%). Early-stage adoption remains common for both technologies.

DevOps and Development

Figure 2: What aspects of your software development projects typically apply DevOps?



Source: Futurum Research, January 2025

DevOps Prioritization in Software Development

Our study indicates that DevOps practices are primarily applied in the Code (24%) and Build (22%) phases, highlighting a focus on automation in core development. Test (11%) and Deploy (13%) have moderate application, while Plan (8%), Operate (13%), Release (4%), and Monitor (4%) see lower adoption. This indicates opportunities to enhance DevOps across the full software lifecycle for better efficiency and stability.

Impact of DevOps on Key Metrics

Organizations report that DevOps has had the greatest impact on Software Quality (63%), Security (59%), Time to Market (58%), Delivery Velocity (57%), and Developer Productivity (57%). While DevOps improves Managing Complexity (51%) and Collaboration (45%), these areas still need optimization. Quicker Patch/Fix Releases (50%) also show room for improvement, suggesting ongoing refinements in release management.

Rising Investments in SDLC Solutions

Organizations are increasing their SDLC-related software spending in 2025, particularly in higher investment brackets. Spending between \$500K and \$1M is expected to double (6% to 12%), and \$1M and \$2M rises from 8% to 11%. Lower spending brackets, such as \$5K or less, are decreasing. This trend suggests a stronger commitment to enterprise-scale SDLC solutions.

Cloud-based SDLC services show a similar pattern, with more organizations increasing investments in the \$100K–\$5M+ range, while low-cost service adoption declines. This shift indicates a preference for scalable cloud-based SDLC solutions.

Key DevOps and Software Development Focus Areas

The top investment priority is AI Copilot/AI Code Generation (83%), signaling a shift toward AI-driven software development. DevOps Tools (38%) and AI-Augmented Testing (38%) also see significant growth. Security remains a priority, with investments in Application Security (43%) and API Security (44%). Moderate increases are expected for CI/CD (45%), Automated Deployment (44%), and Cloud-Based Development Environments (46%).

While Infrastructure as Code (27%) and Code Vulnerability Scanning (31%) see moderate increases, most investment trends point toward AI, automation, security, and cloud-based development.

Vendor Adoption in Development and DevOps

Development Tools: Microsoft (63%), Amazon (31%), and Oracle (25%) lead adoption. Other widely used platforms include GitHub (16%), Appian (13%), and SAP (10%).

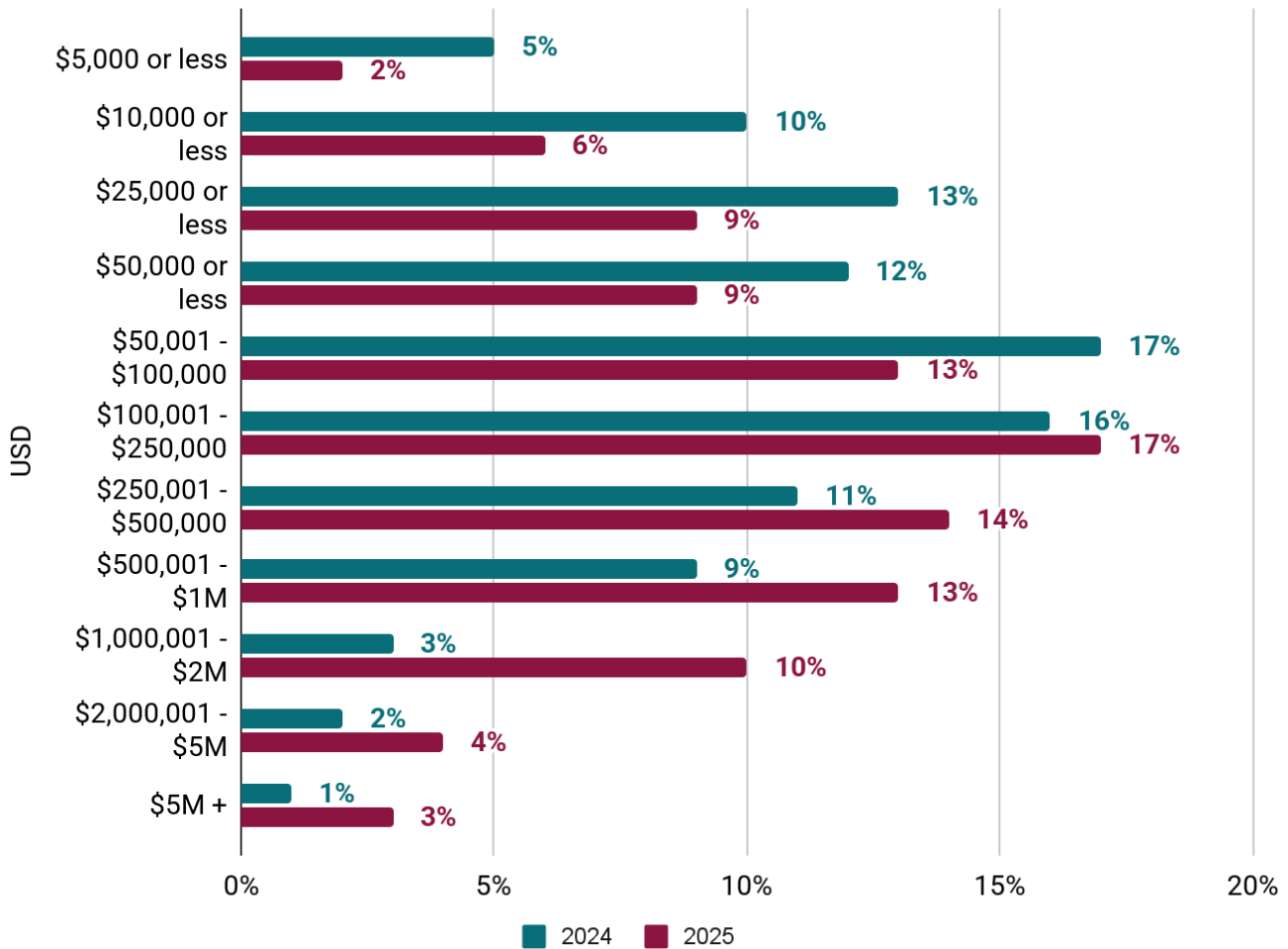
DevOps & Agile Solutions: Microsoft Azure DevOps (61%) and AWS (46%) dominate, followed by Google (30%), IBM (24%), and Atlassian (20%).

AI in Development: Microsoft (47%) leads AI adoption, followed by IBM (26%), Akamai (18%), Datadog (10%), and VMware (10%).

Our study reflects a growing emphasis on AI, cloud-based services, security, and automation in DevOps and software development. Organizations are increasing investments in AI-driven tools, SDLC solutions, and cloud-based infrastructure, with Microsoft, AWS, and Google emerging as dominant vendors across multiple categories.

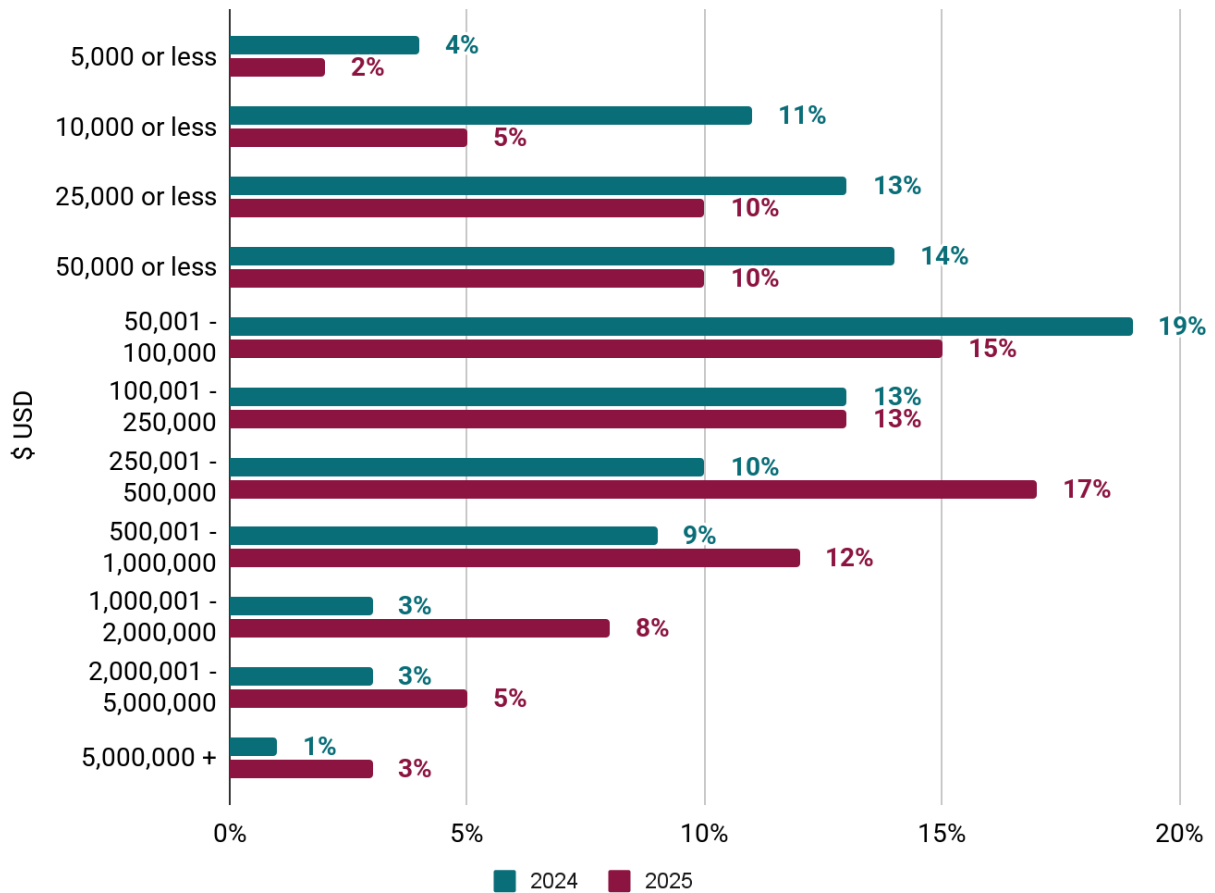
Software Testing

Figure 3: In USD, how much did your total organization spend on software testing-related (non-cloud) solutions in 2024 (whether via a single platform or through a combination of third-party tools)? And how much do you estimate your organization will spend in 2025?



Source: Futurum Research, January 2025

Figure 4: In USD, how much did your total organization spend on cloud-based software testing-related solutions in 2024 (online, SaaS, or cloud provider solutions)? And how much do you estimate your organization will spend in 2025?



Source: Futurum Research, January 2025

Our study reveals increasing investments in both non-cloud and cloud-based software testing solutions for 2025.

Non-Cloud Software Testing Investments

Organizations expect higher spending in 2025, especially in larger expenditure categories. Spending in the \$1M–\$2M range rises from 3% in 2024 to 10% in 2025, and \$500K–\$1M increases from 9% to 13%, indicating a trend toward substantial investments in quality assurance tools. Meanwhile, spending in lower brackets such as \$50K–\$100K (from 12% to 9%) and \$25K or less (from 13% to 9%) is projected to decline, suggesting a shift toward advanced testing platforms. Mid-tier categories such as \$100K–\$250K and \$250K–\$500K show slight growth, reflecting consistent investment in comprehensive testing tools.

Cloud-Based Software Testing Investments

Similar trends are seen in cloud-based solutions. The \$250K–\$500K range increases from 10% to 17%, and \$1M–\$2M grows from 3% to 8%, indicating organizations are allocating larger budgets for cloud-based testing. Low-cost categories such as \$5K or less (from 4% to 2%) and \$10K or less (from 11% to 5%) show declines. The \$5M+ category grows from 1% to 3%, signaling rising interest in premium cloud-based platforms.

Areas of Growth in Software Testing

Key investment areas over the next 12–18 months include the following:

- AI-Augmented Testing (38%) and AI-Generated Test Cases (43%) showing significant expected growth.
- Test Automation: 30% expect significant increases; 47% expect moderate growth.
- Software Security Testing: 40% expect significant increases, with 45% expecting moderate growth, emphasizing security as a top priority.
- Minimal decreases (1–2%) across all areas indicate strong overall growth in software testing investments.

Software Security Testing Adoption

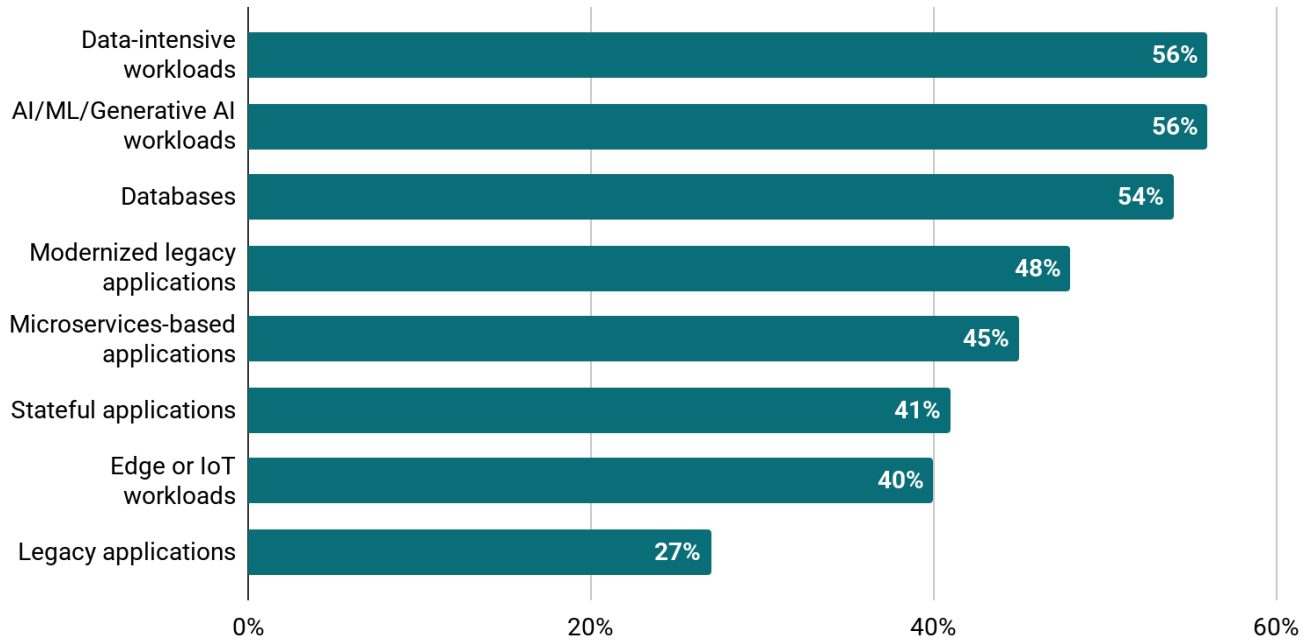
Most organizations utilize Static (SAST), Dynamic (DAST), and Interactive (IAST) security testing tools, covering up to 75% of their software. While Mobile Application Security Testing (MAST) shows lower adoption, it remains relevant as mobile usage grows. Only 1–4% of organizations report not using any security tools, highlighting security testing's importance.

Top Vendor Solutions for Testing

Leading vendors include Testlio (27%), Tricentis (26%), and TestMatick (24%), with moderate adoption for ImpactQA (16%) and QualityLogic (14%). iBeta (6%) and Harness (4%) show lower traction but remain notable players.

Cloud-Native

Figure 5: What type of workloads does your organization deploy on Kubernetes?



Source: Futurum Research, January 2025

Kubernetes, Containers, and Serverless Adoption Trends (2024–2025) - Kubernetes Adoption and Spending Trends

Our study indicates that 60% of organizations use Kubernetes in production, with 41% adopting it for some workloads and 19% utilizing it extensively. Another 36% are evaluating or piloting Kubernetes, indicating strong future adoption.

Organizations are significantly increasing on-premise spending on container orchestration. Investments in the \$1M–\$2M range are rising from 4% in 2024 to 12% in 2025, while \$250K–\$500K investments grow from 9% to 15%. Lower spending categories are declining, signaling a shift toward larger, enterprise-scale solutions.

Cloud-based container and orchestration spending are also growing. The \$250K–\$500K range is up from 10% to 16%, and \$5M+ investments are increasing from 1% to 4%, showing a move toward more advanced cloud solutions.

Top Kubernetes Platforms and Workloads

Google Kubernetes Engine (GKE) leads adoption (51%), followed by IBM Cloud Kubernetes (44%), Azure Kubernetes Service (AKS) (43%), and Amazon EKS/Fargate (32–35%). Kubernetes is widely used for AI/ML workloads, databases, and data-intensive applications (54–56%), with 48% modernizing legacy applications and 45% running microservices.

Serverless Adoption

Around 35% of organizations use serverless in production, with 14% adopting it extensively. Moreover, 25% are piloting serverless, and 22% are evaluating it for future use, indicating growing interest.

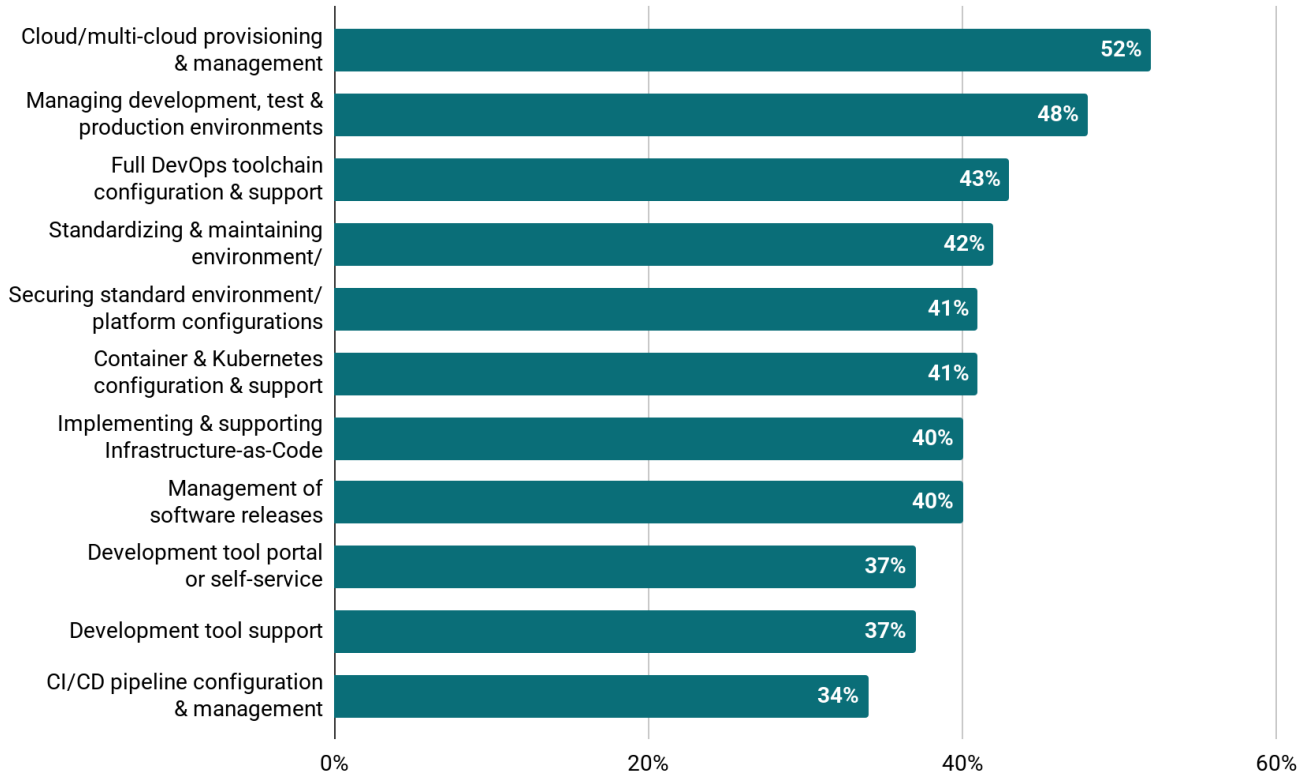
Google Cloud Functions (56%) and IBM Cloud Functions (52%) are the most widely used serverless platforms, followed by Azure Functions (43%) and AWS Lambda (38%). Kubernetes-based serverless solutions are gaining traction at 28% adoption.

Cloud-Native Development

Microsoft (50%) and Google (40%) dominate cloud-native development, with IBM (24%) following. Red Hat, VMware, and SUSE have moderate adoption, while niche tools such as GitLab and CloudBees show limited traction (1–6%).

Platform Engineering

Figure 6: What are the main functions performed by Platform Engineering in your organization?



Source: Futurum Research, January 2025

Maturity Levels

Expanding practices across projects, 44% of organizations are in the Standardizing phase of platform engineering. Moreover, 26% have reached the Mastering phase, reflecting high competence and integration, while 24% are Operationalizing, indicating ongoing adoption.

Spending on Platform Engineering Solutions

- **On-Premise Spending:** Most organizations spend between \$50K and \$250K on platform engineering solutions. Spending is projected to grow in 2025, particularly in the \$100K–\$250K and \$500K–\$1M ranges, reflecting a shift toward larger investments.
- **Cloud-Based Spending:** In 2025, organizations expect increased spending in the \$500K–\$1M and \$1M–\$2M categories. The \$100K–\$250K range remains the most common spending bracket, indicating strong mid-range investments in cloud solutions.

Key Functions of Platform Engineering

The primary functions include:

- Cloud/Multi-Cloud Provisioning (52%)
- Managing Development, Test, and Production Environments (48%)
- Container/Kubernetes Support (41%)
- Development Tool Support (37%)
- CI/CD Pipeline Management (34%)

These functions emphasize infrastructure management and DevOps lifecycle support.

Tools and Technologies Driving Adoption

- Kubernetes (57%) is the leading platform engineering tool.
- AI-powered tools are gaining traction, with AI-aided development tools (56%) and AI task agents (43%) supporting automation.
- Infrastructure-as-Code (IaC) tools such as Terraform (45%), CI/CD platforms, and observability tools are widely used.

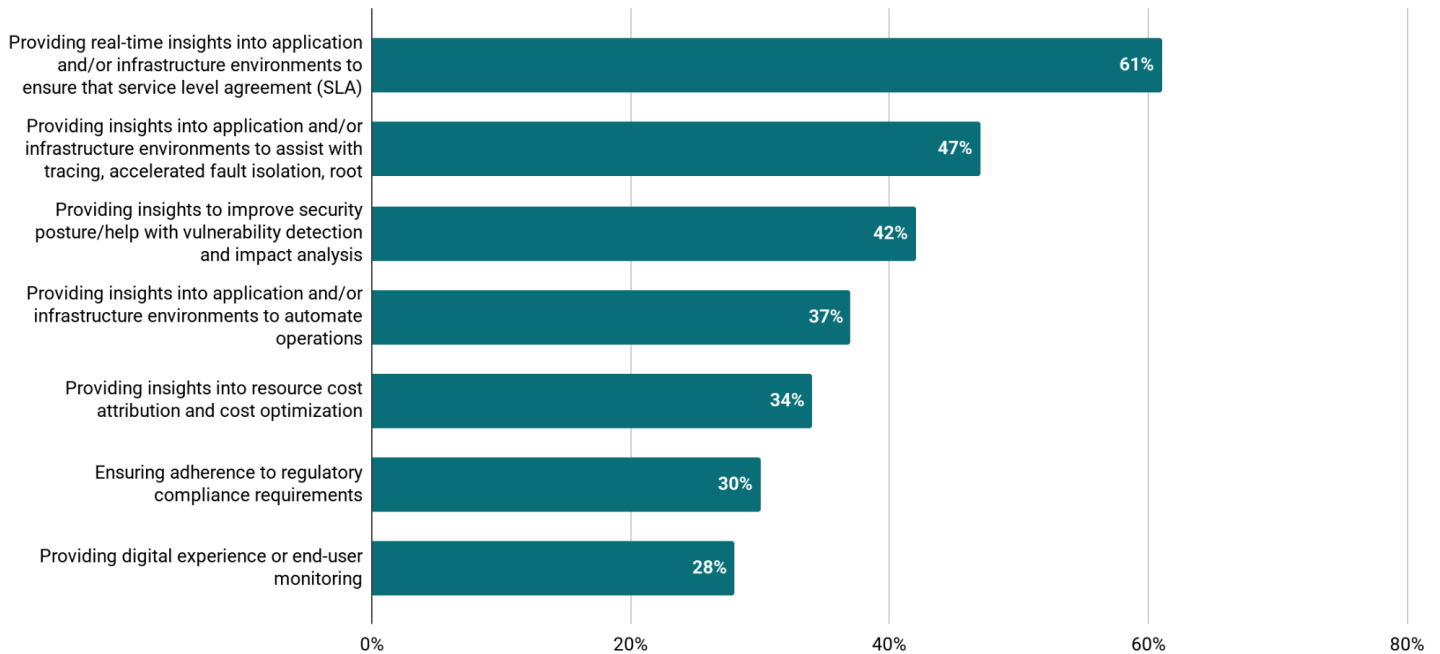
This reflects a shift toward cloud-native architectures and AI-enhanced workflows.

Top Vendors for Platform Engineering & SRE

- Microsoft (39%) leads in platform engineering adoption.
- Kubernetes (18%) and HashiCorp Terraform (16%) are key players.
- AWS (12%), Jenkins (9%), and niche tools such as ArgoCD and Aqua Security (1–5%) maintain a steady presence.

Observability

Figure 7: For your organization's monitoring and/or observability strategy, which of the following would you classify as the most important priorities?



Source: Futurum Research, January 2025

Top Priorities in Monitoring and Observability

Emphasizing proactive monitoring, 61% of organizations prioritize real-time insights to meet SLAs and performance commitments. Fault isolation and root cause analysis (47%) and security improvements (42%) are also key priorities.

Tool Usage for Monitoring and Observability

Organizations leverage a diverse mix of tools:

- On-prem infrastructure tools (58%) and cloud provider services (56%) are most common.
- Open-source tools (53%) and third-party solutions (47%) play significant roles, reflecting the need for flexibility in production environments.

Key Use Cases for Third-Party Tools

- Cloud monitoring (73%) is the top use case.
- Security (58%), network performance (51%), API monitoring (50%), and infrastructure observability are widely adopted, highlighting performance and security priorities.

Cloud Monitoring Vendors

Leading vendors include:

- Cisco (AppDynamics) (20%), Google (14%), IBM (14%), and Datadog (13%).
- AWS (10%), Dynatrace (9%), and New Relic (6%) hold notable market shares.

Full-Stack Observability Spending Trends

Spending on full-stack observability is increasing:

- \$1M–\$2M investments are projected to grow from 10% in 2024 to 17% in 2025.
- Organizations spending \$50K or less are decreasing from 12% to 6%, indicating a shift toward comprehensive solutions.

Decision Criteria for Enhancing Visibility

Key factors influencing observability strategies include:

- AI/automation integration (33%)
- Risk reduction (29%) related to software issues/downtime
- Application performance optimization (28%)

Observability Vendor Landscape

- Datadog (44%) and Dynatrace (35%) lead in adoption.
- New Relic (27%), Grafana (11%), and Honeycomb (9%) show steady usage, while Sumo Logic (7%) and Chronosphere (1%) have lower adoption.

Application Security

Figure 8: How will your investment in the following application and DevSecOps areas change over the next 12-18 months?

	API Security	Software Composition Analysis (SCA)	Secure Code and Library Repository	Secure Open-Source Solutions	DevOps Toolchain Security	App Security Incident Response	Software Bill of Materials (SBOM)	Cloud-Native Application Protection Platform (CNAPP)
Significant Increase	42%	27%	31%	32%	35%	34%	30%	32%
Moderate Increase	40%	41%	44%	42%	42%	45%	42%	44%
No Change	16%	26%	22%	24%	21%	19%	24%	21%
Moderate Decrease	2%	3%	2%	2%	1%	2%	3%	2%
Significant Decrease	0%	2%	0%	1%	1%	0%	0%	0%
N.A.	0%	2%	1%	1%	0%	0%	2%	1%

Source: Futurum Research, January 2025

Non-Cloud Application Security Spending

Higher spending ranges are increasing, with \$100K–\$250K rising from 14% to 16%, \$500K–\$1M from 8% to 12%, and \$1M–\$2M from 4% to 9%. Fewer organizations remain in the \$100K-and-below range, reflecting a shift toward larger budgets for application security and DevSecOps solutions.

Cloud-Based Application Security Spending

Similar trends are observed in cloud-based security spending. In 2024, 62% of companies spent \$100K or less, but projections for 2025 show increases in the \$250K–\$5M+ range. This shift highlights a growing focus on securing cloud environments and scaling DevSecOps practices.

Key Investment Areas in AppSec & DevSecOps

Over the next 12–18 months, organizations plan significant investments in:

- API Security (82%)
- Application Security Incident Response (79%)
- DevOps Toolchain Security (77%)
- Cloud-Native Application Protection (CNAPP) (76%)
- Secure Code Practices (75%)
- Secure Open Source (75%)
- Software Bill of Materials (SBOM) (72%)

Investment decreases are minimal (2–5%), signaling strong overall growth in security measures across the software lifecycle.

SBOM Adoption

SBOM creation is gaining traction, with one-third of organizations generating SBOMs for 50% of their releases and nearly one-third doing so for 75%+ of releases. Only 3.7% of organizations do not create SBOMs, reflecting growing compliance with emerging regulations and industry standards.

Application Security Vendors

Google Cloud (29%), Veracode (26%), and Checkmarx (18%) lead the market. Snyk (15%) and Aqua Security (11%) show moderate adoption, while niche tools such as Chainguard (1%) and VMware (3%) have smaller market shares.

Operations

Figure 9: How will your investment in the following operations-related areas change over the next 12-18 months?

	End-Point Monitoring	Cloud & Log Monitoring	Application Performance Monitoring	Infrastructure Monitoring	ITSM	Security Incident Response	Network Performance	AI Ops
Significant Increase	29%	29%	29%	28%	27%	32%	32%	27%
Moderate Increase	42%	44%	40%	45%	40%	40%	43%	43%
No Change	27%	25%	29%	25%	27%	25%	23%	26%
Moderate Decrease	1%	1%	1%	1%	3%	2%	1%	2%
Significant Decrease	1%	1%	1%	0%	0%	1%	1%	0%
N.A.	0%	1%	0%	1%	2%	0%	0%	1%

Source: Futurum Research, January 2025

Non-Cloud Application Security Spending

A Futurum Research survey (n=325, January 2025) reveals increased spending on non-cloud application security. Higher investment ranges are rising, with \$100K–\$250K growing from 14% to 16%, \$500K–\$1M from 8% to 12%, and \$1M–\$2M from 4% to 9%. Fewer organizations remain in the \$100K-and-below range, reflecting a shift toward larger budgets for application security and DevSecOps.

Cloud-Based Application Security Spending

Similar trends are observed in cloud-based security. While 62% of organizations spent \$100K or less in 2024, spending is projected to increase in the \$250K–\$5M+ range by 2025. This indicates a growing focus on securing cloud environments and expanding DevSecOps practices.

Key Investment Areas in AppSec & DevSecOps

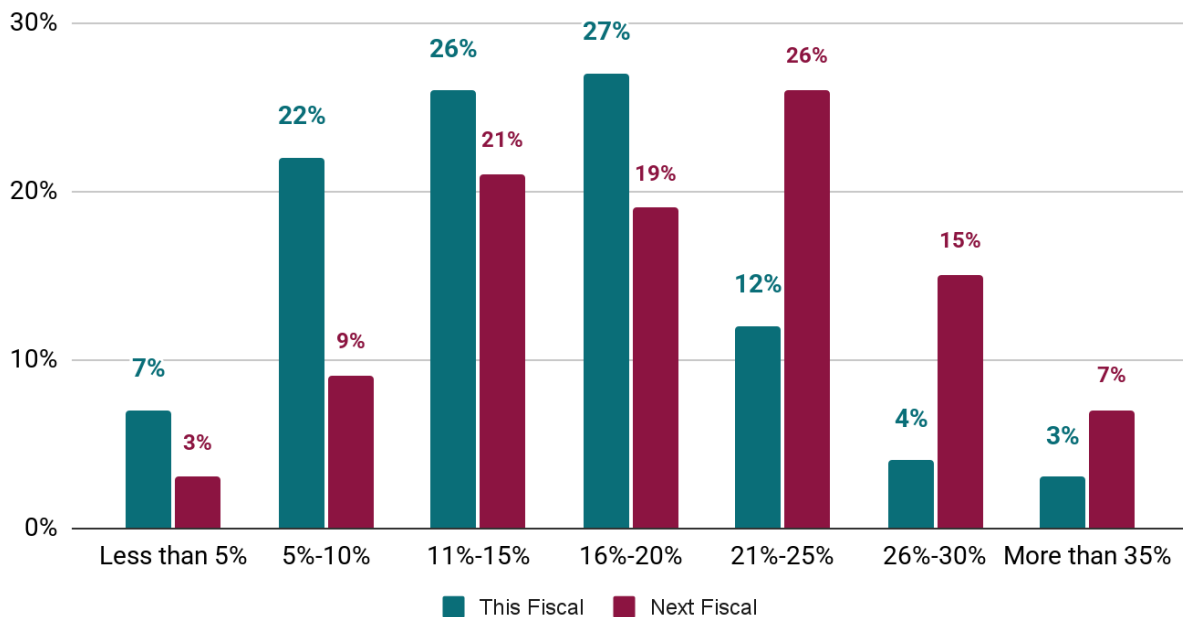
Over the next 12–18 months, organizations plan to increase investments in:

- API Security (82%)
- Application Security Incident Response (79%)
- DevOps Toolchain Security (77%)
- Cloud-Native Application Protection (CNAPP) (76%)
- Secure Code Practices (75%)
- Secure Open Source (75%)
- Software Bill of Materials (SBOM) (72%)

Investments in Software Composition Analysis (68%) also remain strong. Decreases in security investments are minimal (2–5%), signaling strong growth across the software lifecycle.

FinOps

Figure 10: What is your goal for reducing IT or cloud spending through FinOps practices this fiscal year and the next fiscal year?



Source: Futurum Research, January 2025

Our study highlights increased spending on application security.

- **Non-Cloud Security:** Organizations are shifting toward higher spending ranges. Investments of \$100K–\$250K rose from 14% to 16%, \$500K–\$1M from 8% to 12%, and \$1M–\$2M from 4% to 9% between 2024 and 2025. Spending below \$100K is declining, indicating greater prioritization of robust security solutions.
- **Cloud-Based Security:** In 2024, 62% of organizations spent \$100K or less, but this is expected to drop as more companies invest in the \$250K–\$5M+ range by 2025, reflecting heightened focus on securing cloud environments.

Key AppSec & DevSecOps Investment Areas (2024–2025)

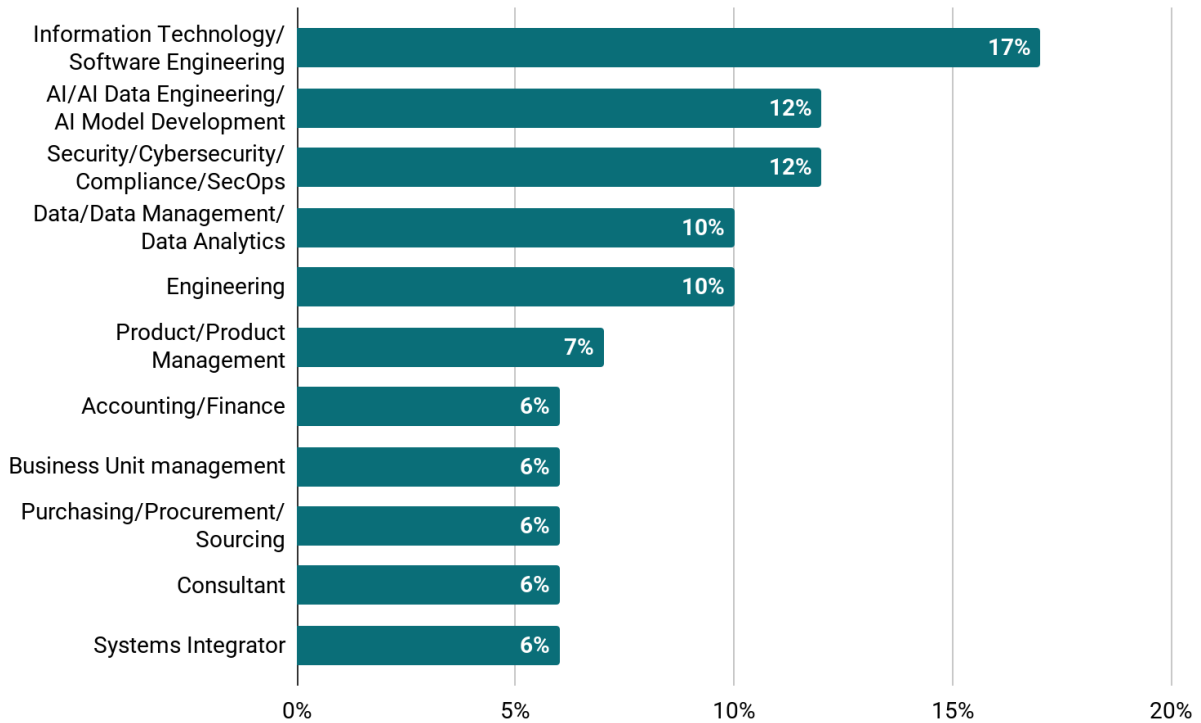
Organizations plan to increase investments in several areas over the next 12–18 months:

- API Security (82%)
- Application Security Incident Response (79%)
- DevOps Toolchain Security (77%)
- Cloud-Native Application Protection (CNAPP) (76%)
- Secure Code Practices (75%)
- Secure Open Source (75%)
- Software Bill of Materials (SBOM) (72%)

Investments in Software Composition Analysis (68%) also remain strong. Decreases across all areas are minimal (2–5%), signaling consistent growth.

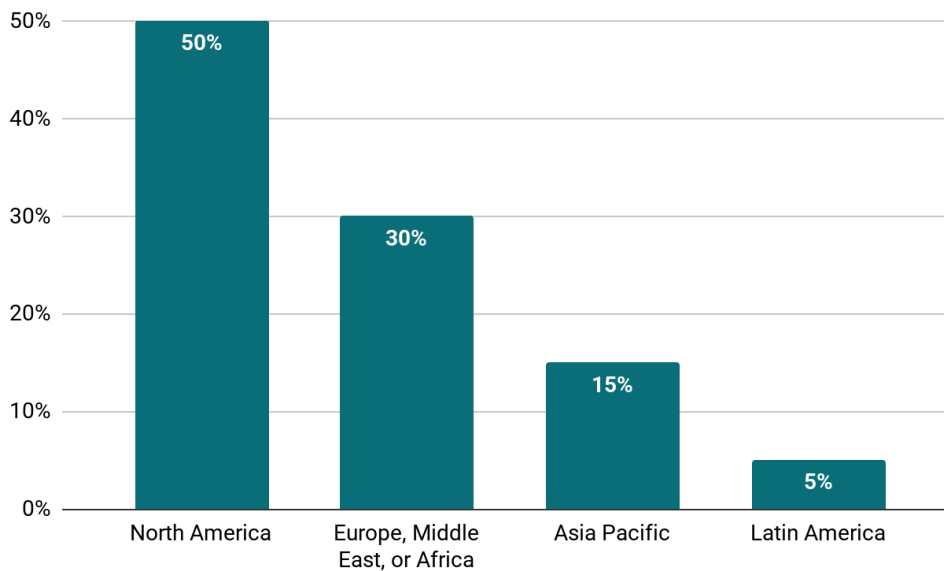
Demographics

Figure 11: Which of the following best describes your job functional area?



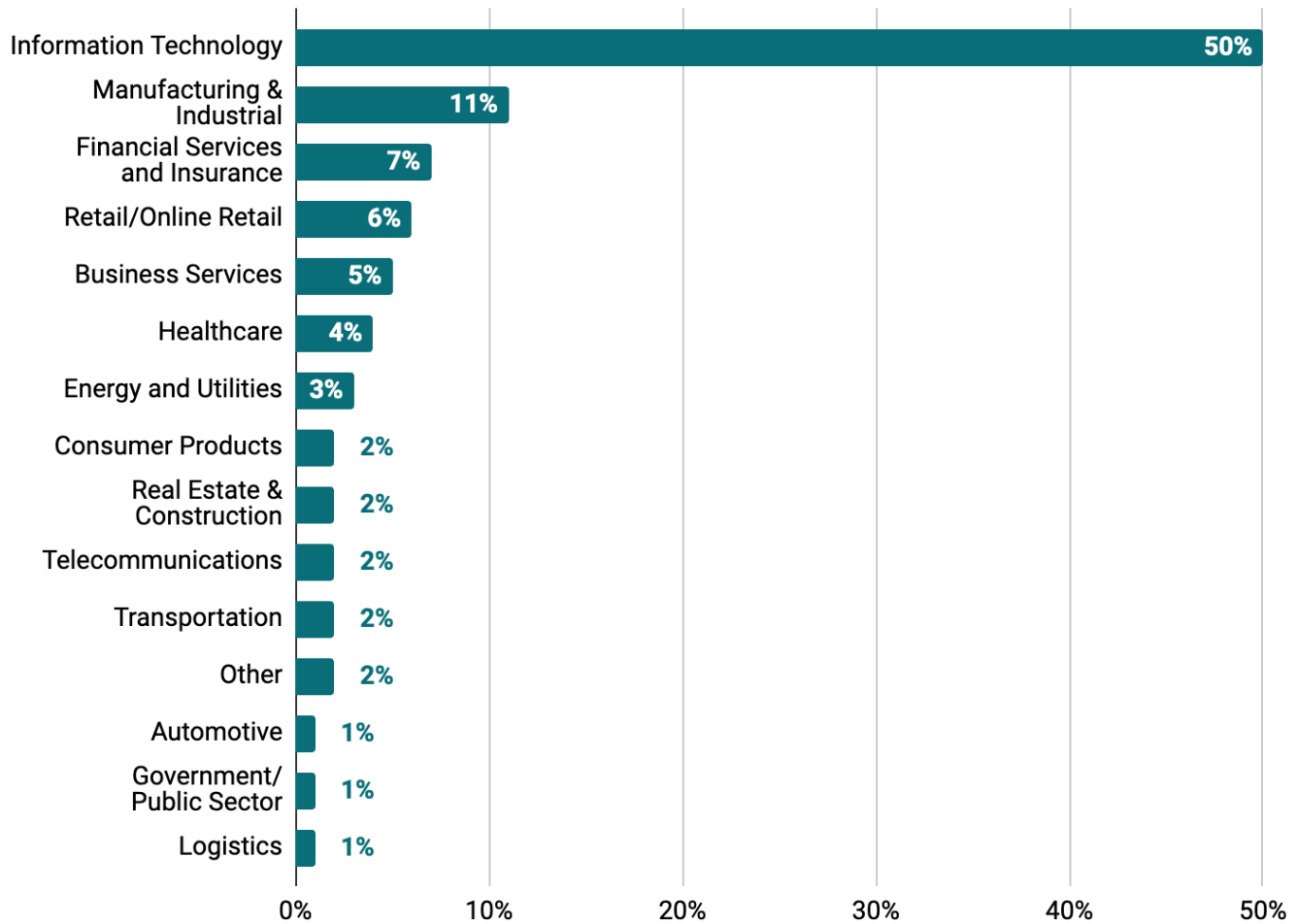
Source: Futurum Research, January 2025

Figure 12: Where are you located?



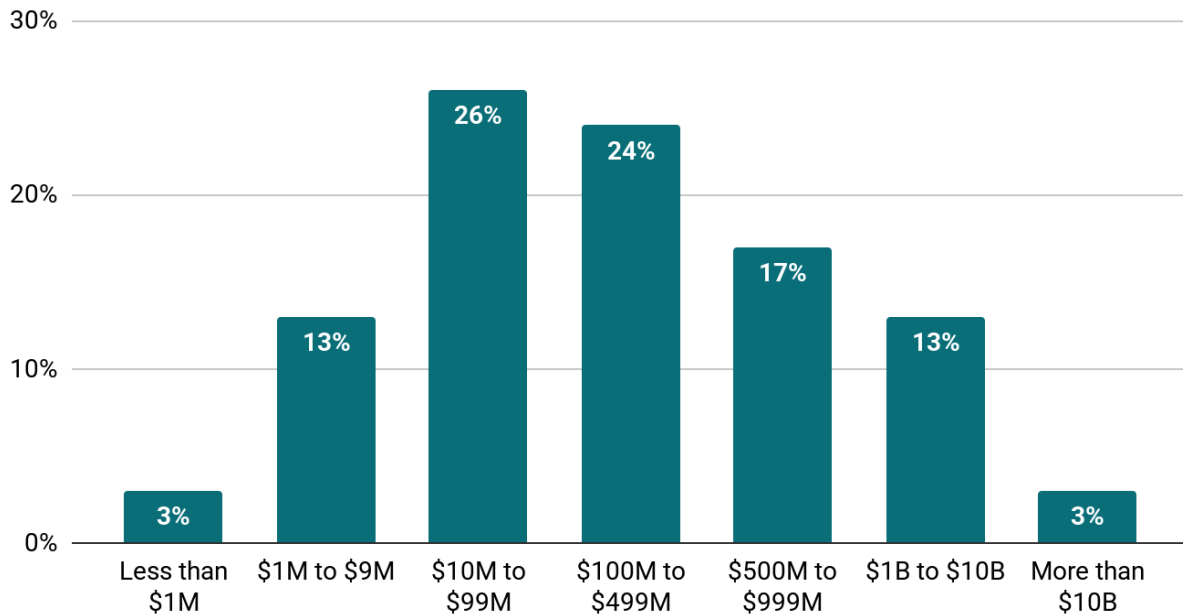
Source: Futurum Research, January 2025

Figure 13: What industry is your organization in?



Source: Futurum Research, January 2025

Figure 14: What is the size of your organization (estimate of prior year's revenue) in USD?



Source: Futurum Research, January 2025

Objectives and Methodology

The survey panel comprises 885 full-time professionals. The survey aimed to gain insights into technology utilized across the software development lifecycle, from DevOps to Operations, examining the most pressing trends in software, including the use of AI in development, application and software supply chain security, adoption of cloud-native, Kubernetes and container use, and more.

Conducted in late 2024, the online survey involved 885 enterprise and public sector decision-makers and influencers across global regions, including North America (50%), EMEA (30%), Asia Pacific (15%), and Latin America (5%), excluding Russia and China. These respondents were carefully vetted to ensure they had significant knowledge and influence over software development, security, and operations decisions in their organizations.

The methodology ensured the reliability of the results, with thorough screening, qualification of respondents, and the use of "trick" questions to maintain data integrity. The results offer valuable insights into how organizations prioritize their software development lifecycle investments and challenges.

About Us

About the Authors

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About The Futurum Group

The Futurum Group's analysts, researchers, and advisors help business leaders anticipate tectonic shifts in their industries and leverage disruptive innovation. Unlike traditional analysts, The Futurum Group works in analysis and research and takes that insight and knowledge even further, engaging through the go-to-market process.

Futurum Research provides in-depth research and insights on global technology markets using advisory services, custom research reports, strategic consulting engagements, digital events, go-to-market planning, and message testing. It also creates, distributes, and amplifies rich media content that all stakeholders read, watch, and listen to.

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