

# **Devops Automation Tools Market Outlook 2025-2034: Market Share, and Growth Analysis By Type (Configuration Management Tools, Continuous Integration or Continuous Delivery (CI or CD) Tools, Container Management Tools, Infrastructure Automation Tools, Application Release Automation Tools, Analytics And Monitoring Tools, Other Types), By Deployment (On-Premises, Cloud), By Organization Size, By Vertical**

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## **Abstracts**

The Devops Automation Tools Market is valued at USD 13.3 billion in 2025 and is projected to grow at a CAGR of 20% to reach USD 68.7 billion by 2034. The DevOps Automation Tools Market focuses on software solutions that automate various stages of the software development and IT operations lifecycle. These tools facilitate continuous integration (CI), continuous delivery (CD), infrastructure as code (IaC), configuration management, testing automation, and monitoring. The goal is to streamline workflows, improve collaboration between development and operations teams, accelerate software release cycles, and enhance the reliability and stability of software deployments. The market is driven by the increasing adoption of DevOps practices, the need for faster time-to-market, and the growing complexity of modern software applications and infrastructure. The DevOps Automation Tools Market experienced robust growth, driven by the widespread recognition of DevOps as a crucial enabler of digital transformation. A key trend was the increasing adoption of cloud-native DevOps tools and platforms that seamlessly integrate with cloud infrastructure. There was also a growing demand for end-to-end DevOps platforms that provide a unified toolchain across the entire software lifecycle. Security automation (DevSecOps) gained significant traction, with

tools that integrate security checks early in the development process. The market also saw advancements in AI and machine learning (ML) powered tools for predictive analytics and automated anomaly detection in production environments. The DevOps Automation Tools Market is expected to maintain a strong growth trajectory, driven by the ongoing adoption of DevOps practices and the increasing complexity of software development and deployment. Future trends may include even deeper integration of AI and ML for intelligent automation, predictive maintenance of infrastructure, and enhanced security. The adoption of serverless computing and containerization technologies will continue to shape the demand for specialized automation tools. There may also be a greater focus on developer experience, with tools designed to be more intuitive and easier to use. The integration of DevOps with emerging technologies like edge computing and IoT will also drive innovation in this market. The ability of tools to provide comprehensive visibility and control across increasingly complex and distributed environments will be crucial for their adoption.

### Key Insights Devops Automation Tools Market

Increasing adoption of cloud-native DevOps automation tools and platforms that are specifically designed to integrate seamlessly with cloud infrastructure and services.

Growing demand for end-to-end DevOps platforms that provide a unified and integrated toolchain across the entire software development and IT operations lifecycle.

Significant rise in the adoption of DevSecOps automation tools that integrate security checks and practices early into the software development pipeline.

Advancements in artificial intelligence (AI) and machine learning (ML) powered DevOps tools for predictive analytics, automated anomaly detection, and intelligent automation of tasks.

Growing focus on improving developer experience (DevEx) with DevOps automation tools that are more intuitive, user-friendly, and streamline developer workflows.

Widespread adoption of DevOps practices by organizations aiming to accelerate software delivery, improve collaboration, and enhance operational efficiency.

Need for faster time-to-market for software applications and updates in a highly competitive digital landscape.

Increasing complexity of modern software applications and IT infrastructure, requiring automation for effective management and deployment.

Desire for improved reliability, stability, and scalability of software deployments through automated testing and infrastructure management.

Complexity of integrating diverse DevOps automation tools into existing IT environments and ensuring seamless interoperability.

## Devops Automation Tools Market Segmentation

### By Type

Configuration Management Tools

Continuous Integration or Continuous Delivery (CI or CD) Tools

Container Management Tools

Infrastructure Automation Tools

Application Release Automation Tools

Analytics And Monitoring Tools

Other Types

### By Deployment

On-Premises

Cloud

## By Organization Size

Small and Medium-sized Enterprises (SMEs)

Large Enterprises

## By Vertical

Information Technology And Telecom

Banking

Financial Services

And Insurance (BFSI)

Retail And Consumer Packaged Goods (CPG)

Healthcare

Government And Public Sector

Manufacturing

Other Verticals

## Key Companies Analysed

Alphabet Inc.

Microsoft Corporation

Dell Technologies Inc.

Amazon Web Services Inc.

International Business Machines Corporation

Cisco Systems Inc.

Oracle Corporation

SAP SE

VMware Inc.

ServiceNow Inc.

Splunk Inc.

NICE Ltd.

BMC Software Inc.

Pegasystems Inc.

UiPath Inc.

Appian Corporation

Automation Anywhere Inc.

HashiCorp Inc.

Kofax Inc.

Docker Inc.

Chef Software Inc.

Blue Prism Group plc

WorkFusion Inc.

SaltStack Inc.

Puppet Inc.

## Devops Automation Tools Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

## Devops Automation Tools Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

## Countries Covered

North America — Devops Automation Tools market data and outlook to 2034

United States

Canada

Mexico

Europe — Devops Automation Tools market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Devops Automation Tools market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Devops Automation Tools market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Devops Automation Tools market data and outlook to 2034

Brazil

Argentina

Chile

Peru

*\* We can include data and analysis of additional countries on demand.*

## Research Methodology

This study combines primary inputs from industry experts across the Devops Automation Tools value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

## Key Questions Addressed

What is the current and forecast market size of the Devops Automation Tools industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

## Your Key Takeaways from the Devops Automation Tools Market Report

Global Devops Automation Tools market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Devops Automation Tools trade, costs, and supply chains

Devops Automation Tools market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Devops Automation Tools market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Devops Automation Tools market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Devops Automation Tools supply chain analysis

Devops Automation Tools trade analysis, Devops Automation Tools market price analysis, and Devops Automation Tools supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Devops Automation Tools market news and developments

### Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

*\* The updated report will be delivered within 3 working days*

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