

Container Security - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-06-01 | 137 pages | Mordor Intelligence

AVAILABLE LICENSES:

- Single User License \$4750.00
- Team License (1-7 Users) \$5250.00
- Site License \$6500.00
- Corporate License \$8750.00

Report description:

Container Security Market Analysis

The container security market size is estimated at USD 3.05 billion in 2025 and is projected to advance to USD 9.01 billion by 2030, registering a steep 24.17% CAGR. Unrelenting growth mirrors the migration from monolithic software to cloud-native, containerized architectures that sit across multiple clouds and edge sites. Organizations now favor zero-trust, workload-centric controls that travel with applications rather than traditional perimeter defenses. Demand further accelerates because 53% of Asia-Pacific enterprises already run containers in production and recognize that inconsistent security postures across clouds expose critical workloads. Heightened regulatory attention-covering PCI-DSS 4.0, NIS2 and software bill of materials (SBOM) disclosure-has turned container security from a discretionary investment into a compliance prerequisite cisco.com. In parallel, the rapid rollout of 5G and edge platforms introduces containerized network functions that create new attack surfaces and require specialized run-time safeguards redhat.com. Sustained venture funding and record-size acquisitions underscore the strategic role of cloud-native protection, exemplified by Google's USD 32 billion purchase of Wiz in March 2025.

Global Container Security Market Trends and Insights

Rising adoption of hybrid and multi-cloud container workloads

Enterprises simultaneously operate workloads on two or more public clouds to optimize cost and resilience, yet inconsistent security controls, APIs and compliance obligations create visibility gaps that heighten risk. Financial institutions such as ABN

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scottss-international.com

www.scottss-international.com

AMRO centralize secrets with HashiCorp Vault across multiple clouds, demonstrating how platform-agnostic controls unify policies while preserving deployment choice. Security vendors now ship orchestration layers that discover every cluster, standardize policy and automate compliance evidence collection. Demand for unified dashboards and agentless discovery continues rising as multi-cloud complexity outweighs the benefits of isolated tools.

Rapid shift toward microservices and DevSecOps pipelines

Breaking large applications into hundreds of loosely coupled services improves release velocity but inserts security checks throughout continuous integration and continuous deployment flows. Forty-two percent of organizations reported advanced DevSecOps adoption in 2024, and another 48% were in early stages. Retailer Target deploys hundreds of updates weekly through its Unimatrix platform while embedding automated scanning and policy gates that prevent vulnerable images from reaching production. Security platforms increasingly expose native plugins for popular CI/CD tools, enable policy-as-code templates and auto-remediate misconfigurations before runtime.

Shortage of container-security skillsets in DevOps teams

Demand for Kubernetes-savvy security engineers exceeds supply, particularly in emerging economies where universities have yet to roll out specialized curricula. Enterprises report longer deployment cycles as staff learning curves delay projects. Vendors now bundle prescriptive policy templates, AI chat assistants and managed detection services to narrow the expertise gap, but talent scarcity continues to dampen roll-out velocity.

Other drivers and restraints analyzed in the detailed report include:

Mandatory security mandates (PCI-DSS 4.0, NIS2, SBOM) / Rising frequency of supply-chain attacks on container images / Operational complexity of multi-cloud and multi-cluster estates /

For complete list of drivers and restraints, kindly check the Table Of Contents.

Segment Analysis

Software accounted for 72.1% of 2024 revenue, underscoring demand for automated scanning, policy engines and run-time detection built directly into orchestration layers. Professional and managed services, however, are growing at 24.7% CAGR because many enterprises need external specialists to design architectures, integrate pipelines and run 24/7 monitoring. Consulting engagements typically address secrets management, network micro-segmentation and compliance mapping across hybrid estates.

The services wave amplifies platform consumption as clients lean on expert partners to operate controls they cannot staff internally. Managed detection offerings covering Kubernetes, container registries and service meshes relieve resource-constrained teams, advancing broader penetration of the container security market. This trend also widens the addressable base among regulated industries that seek documented operational runbooks before committing production workloads.

Large enterprises retained 65.6% share in 2024 by virtue of sizable IT estates and regulatory obligations that demand full-stack protections. These customers embed policy-as-code, automated compliance evidence and deep packet inspection directly into microservice workflows, reflecting mature security postures.

Small and medium enterprises are expanding at 25.3% CAGR thanks to simplified, cloud-delivered offerings that mask complexity behind consumption-based pricing. Vendor bundles now bake scanning, secrets rotation and basic run-time guardrails into single

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

dashboards, allowing SMEs to deploy containers without dedicated SOC staff. Solutions such as Kaspersky Container Security cater to distributed teams pursuing geographic expansion while maintaining governance, a dynamic that broadens container security market penetration among resource-constrained organizations.

Container Security Market Report is Segmented by Component (Platform/Software and Services), Organization Size (Large Enterprise, Small and Medium Enterprises), Deployment (Cloud, On Premise), Security Control (Image Scanning and Vulnerability Management, and More), End User Industry (IT and Telecom, BFSI, and More), and by Geography. The Market Forecasts are Provided in Terms of Value (USD).

Geography Analysis

North America commanded 28.9% revenue in 2024, benefiting from early Kubernetes adoption, high cyber-maturity and federal zero-trust directives. Landmark transactions such as Google's acquisition of Wiz signal ongoing consolidation aimed at integrating container protection tightly into broader cloud platforms. Financial services, defense and technology verticals continue to shape features such as FIPS-compliant cryptography and multi-cluster federation.

Asia-Pacific is the fastest expanding region at a 24.3% CAGR. Digital initiatives, supportive government cloud policies and a swelling developer community place container rollouts on an accelerated curve, with 53% of regional firms already in production. Telecom operators leveraging 5G edge nodes and manufacturing firms adopting smart-factory blueprints are pivotal to regional growth. Rising cyber incidents also fuel spending on automated threat intelligence feeds and managed detection services.

Europe maintains significant share on the back of stringent data protection statutes. The NIS2 directive pushes roughly 350,000 organizations to uplift container orchestration defenses, elevating demand for governance-heavy controls and continuous compliance audits. Financial institutions rely on centralized secrets tools, such as HashiCorp Vault, to reconcile multi-cloud agility with privacy obligations. These dynamics assure steady container security market expansion across the continent.

List of Companies Covered in this Report:

Google Cloud Security / Red Hat (IBM) / Trend Micro / Qualys / Rapid7 / Suse NeuVector / Mirantis / Thales / Sysdig / Anchore / Prisma Cloud by Palo Alto / Tenable / AccuKnox / Tigera / VMware (NSX-ALB) / Microsoft Defender for Containers / Capsule8 (Snowflake) / Fidelis Cybersecurity /

Additional Benefits:

The market estimate (ME) sheet in Excel format /
3 months of analyst support /

Table of Contents:

1 INTRODUCTION

1.1 Study Assumptions and Market Definition

1.2 Scope of the Study

2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

4 MARKET LANDSCAPE

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 4.1 Market Overview
- 4.2 Market Drivers
 - 4.2.1 Rising adoption of hybrid and multi-cloud container workloads
 - 4.2.2 Rapid shift toward micro-services and DevSecOps pipelines
 - 4.2.3 Mandatory security mandates (e.g., PCI-DSS 4.0, NIS2, SBOM)
 - 4.2.4 Rising frequency of supply-chain attacks on container images
 - 4.2.5 Proliferation of edge and 5G container runtimes
 - 4.2.6 Hardware-level container isolation innovations
- 4.3 Market Restraints
 - 4.3.1 Shortage of container-security skillsets in DevOps teams
 - 4.3.2 Operational complexity of multi-cloud and multi-cluster estates
 - 4.3.3 Alert-fatigue and false-positive overload
 - 4.3.4 Advanced container-escape kill-chains
- 4.4 Supply-Chain Analysis
- 4.5 Regulatory Landscape
- 4.6 Technological Outlook
- 4.7 Porter's Five Force Analysis
 - 4.7.1 Bargaining Power of Suppliers
 - 4.7.2 Bargaining Power of Buyers
 - 4.7.3 Threat of New Entrants
 - 4.7.4 Threat of Substitute Products
 - 4.7.5 Intensity of Competitive Rivalry

5 MARKET SIZE AND GROWTH FORECASTS (VALUE)

- 5.1 By Component
 - 5.1.1 Platform / Software
 - 5.1.2 Services
- 5.2 By Organisation Size
 - 5.2.1 Large Enterprises
 - 5.2.2 Small and Medium Enterprises
- 5.3 By Deployment
 - 5.3.1 Cloud-based
 - 5.3.2 On-premise
- 5.4 By Security Control
 - 5.4.1 Image Scanning and Vulnerability Management
 - 5.4.2 Runtime Protection and Anomaly Detection
 - 5.4.3 Compliance and Configuration Management
- 5.5 By End-user Industry
 - 5.5.1 IT and Telecom
 - 5.5.2 BFSI
 - 5.5.3 Retail and e-Commerce
 - 5.5.4 Healthcare and Life Sciences
 - 5.5.5 Industrial and Manufacturing
 - 5.5.6 Others (Media, Education, Gov.)
- 5.6 By Geography
 - 5.6.1 North America
 - 5.6.1.1 United States

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.6.1.2 Canada
- 5.6.1.3 Mexico
- 5.6.2 South America
 - 5.6.2.1 Brazil
 - 5.6.2.2 Argentina
 - 5.6.2.3 Rest of South America
- 5.6.3 Europe
 - 5.6.3.1 Germany
 - 5.6.3.2 United Kingdom
 - 5.6.3.3 France
 - 5.6.3.4 Italy
 - 5.6.3.5 Spain
 - 5.6.3.6 Rest of Europe
- 5.6.4 Asia-Pacific
 - 5.6.4.1 China
 - 5.6.4.2 Japan
 - 5.6.4.3 India
 - 5.6.4.4 South Korea
 - 5.6.4.5 Australia
 - 5.6.4.6 Rest of Asia-Pacific
- 5.6.5 Middle East and Africa
 - 5.6.5.1 Middle East
 - 5.6.5.1.1 Saudi Arabia
 - 5.6.5.1.2 United Arab Emirates
 - 5.6.5.1.3 Turkey
 - 5.6.5.1.4 Rest of Middle East
 - 5.6.5.2 Africa
 - 5.6.5.2.1 South Africa
 - 5.6.5.2.2 Nigeria
 - 5.6.5.2.3 Egypt
 - 5.6.5.2.4 Rest of Africa

6 COMPETITIVE LANDSCAPE

- 6.1 Market Concentration
- 6.2 Strategic Moves
- 6.3 Market Share Analysis
- 6.4 Company Profiles (includes Global level Overview, Market level overview, Core Segments, Financials as available, Strategic Information, Market Rank/Share for key companies, Products and Services, and Recent Developments)
 - 6.4.1 Google Cloud Security
 - 6.4.2 Red Hat (IBM)
 - 6.4.3 Trend Micro
 - 6.4.4 Qualys
 - 6.4.5 Rapid7
 - 6.4.6 Suse NeuVector
 - 6.4.7 Mirantis
 - 6.4.8 Thales
 - 6.4.9 Sysdig

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.4.10 Anchore
- 6.4.11 Prisma Cloud by Palo Alto
- 6.4.12 Tenable
- 6.4.13 AccuKnox
- 6.4.14 Tigera
- 6.4.15 VMware (NSX-ALB)
- 6.4.16 Microsoft Defender for Containers
- 6.4.17 Capsule8 (Snowflake)
- 6.4.18 Fidelis Cybersecurity

7 MARKET OPPORTUNITIES AND FUTURE OUTLOOK

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Container Security - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-06-01 | 137 pages | Mordor Intelligence

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4750.00
	Team License (1-7 Users)	\$5250.00
	Site License	\$6500.00
	Corporate License	\$8750.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-01"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com