

Defense Cyber Warfare Market 2025-2029: Unveiling Growth Developments with the Latest Updates

*The Business Research Company's
Defense Cyber Warfare Global Market
Report 2025 – Market Size, Trends, And
Global Forecast 2025-2034*

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KINGDOM, September 2, 2025
/EINPresswire.com/ -- What Is The
Expected Cagr For The [Defense Cyber
Warfare Market](#) Through 2025?

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The [defense cyber warfare market size](#) has seen considerable growth in the past few years. It is estimated to rise from \$148.94 billion in 2024 to a significant \$163.24 billion in 2025, with a compound annual growth rate (CAGR) of 9.6%. The growth in the historical phase is attributed to a rise in cyberattacks on military systems, an increase in defense operations' digitization, escalating geopolitical tensions, a high demand for secure communication channels, and increased recognition of the cyber threat environment.



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Anticipations for the defense cyber warfare market are high, with a significant surge predicted over the incoming years. The market value is projected to reach \$232.48 billion in 2029, translating to a compound annual growth rate (CAGR) of 9.2%. This predicted growth for the period

can be tied to several factors such as the heightened embrace of autonomous defense systems, incorporation of cyber capabilities into future warfare strategies, evolution of hybrid warfare tactics, increased application of cloud computing in defense tasks, and a focus on zero-trust security infrastructure. Major trends for the forecasted duration consist of quantum-resistant encryption progression, expansion of 5th-generation enabled defense networks, implementation of blockchain for secure data exchange, autonomous cyber defense system development, and utilization of quantum computing for coding and decoding operations.

Download a free sample of the defense cyber warfare market report:

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What Are The Driving Factors Impacting The Defense Cyber Warfare Market?

The increasing apprehensions regarding cybersecurity are projected to drive the expansion of the defense cyber warfare market in the future. Concerns over cybersecurity allude to the possible dangers, weaknesses, and threats that could impact the confidentiality, integrity, and accessibility of digital devices, networks, and data. The rise in these concerns can be attributed to the progressive complexities of cyberattacks, which allows perpetrators to utilize intricate vulnerabilities, dodge detection systems, and inflict significant damage to vital infrastructure and confidential data. Defense cyber warfare helps improve security by actively identifying, tracking, and neutralizing cyber threats before they can damage the infrastructure. These systems utilize highly developed threat intelligence and quick response methods to tackle and lessen cybersecurity concerns. For instance, per the Identity Theft Resource Center, a nonprofit organization based in the US, the number of cyberattack-related data breaches rose to 617 in 2022, representing 37% of all data breaches. As such, the mounting concerns over cybersecurity are fueling the expansion of the defense cyber warfare market.

Which Players Dominate The Defense Cyber Warfare Industry Landscape?

Major players in the Defense Cyber Warfare Global Market Report 2025 include:

- Raytheon Technologies Corporation
- Lockheed Martin Corporation
- Airbus SE
- General Dynamics Corporation
- Northrop Grumman Corporation
- BAE Systems plc
- Thales Group
- L3Harris Technologies Inc.
- Leonardo S.p.A.
- Leidos Holdings Inc.

What Are The Upcoming Trends Of Defense Cyber Warfare Market In The Globe?

Key players in the defense cyber warfare market are emphasizing on technological improvements such as cybersecurity ontology, aiming to bolster threat detection, optimize data integration, and enhance real-time cyber operation decision-making. Cybersecurity ontology provides a structured knowledge illustration, facilitating systems to effectively comprehend, analyze and react to complex cyber threats. For example, MITRE, a non-profit organization in America, launched the D3FEND 1.0 cybersecurity ontology in January 2025 to standardize vocabulary and established frameworks targeted at hostile cyber threats. The aim is to introduce a consistent, expandable, and integration-friendly infrastructure that fosters cybersecurity operations, strategic choices, and collaboration between industry and government sectors. This includes elements like the Cyber Attack-Defense Tool (CAD), which allows for the mapping of

defensive actions, knowledge sharing, and the customization of strategies for specific scenarios. Furthermore, it provides a solid platform for incorporating defensive actions into cybersecurity operations and decision-making processes in various environments.

Global Defense Cyber Warfare Market Segmentation By Type, Application, And Region

The defense cyber warfare market covered in this report is segmented –

- 1) By Service Type: Data Hosting, Data Processing, Data Integration, Data Analytics
- 2) By Solution: Defense Solutions, Threat Assessment, Network Fortification, Training Services
- 3) By Deployment Type: On-Premises, Cloud
- 4) By Application: Network Security, Data Loss Prevention, Endpoint Security, Identity And Access Management, Risk And Compliance Management, Supervisory Control And Data Acquisition Or Industrial Control Systems Security, Threat Intelligence And Response, Security Monitoring And Analytics
- 5) By End User: Information Technology And Telecommunications, Banking, Financial Services, And Insurance, Healthcare, Retail, Government

Subsegments:

- 1) By Data Hosting: Cloud-Based Hosting, On-Premises Hosting, Dedicated Server Hosting, Virtual Private Servers, Secure Military Data Centers
- 2) By Data Processing: Real-Time Data Processing, Batch Data Processing, Stream Data Processing, Edge Processing, Parallel And Distributed Processing
- 3) By Data Integration: Application Programming Interface Integration, Extract, Transform, Load Tools, Middleware Integration, Legacy System Integration, Sensor And Internet of Things Data Fusion
- 4) By Data Analytics: Descriptive Analytics, Predictive Analytics, Prescriptive Analytics, Behavioral Analytics, Geospatial And Temporal Analysis, Artificial Intelligence And Machine Learning Based Threat Analytics

View the full defense cyber warfare market report:

<https://www.thebusinessresearchcompany.com/report/defense-cyber-warfare-global-market-report>

Which Region Holds The Largest Market Share In The Defense Cyber Warfare Market?

In 2025, the Defense Cyber Warfare Global Market Report identified North America as the predominant leader in the market. This is in reference to growth projection for the stated year. The comprehensive report covers several regions including, but not limited to, Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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