

Aviation Cyber Security Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview 2023-2028:

The global aviation cyber security market size reached US\$ 4.3 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 6.5 Billion by 2028, exhibiting a growth rate (CAGR) of 7.13% during 2023-2028.

The aviation industry significantly relies on internet-connected systems for performing ground and flight operations. This has increased the number of new challenges that airline companies take into consideration for resisting future disruptions and any harm to their services, reputation and financial health. At present, managing cyber vulnerabilities is one of their prime concerns to prevent attacks on in-flight entertainment and connectivity systems, cabin crew devices, E-enabled ground and onboard systems, electronic flight bags, cargo handling and shipping, legacy systems and data links and air traffic management systems. Consequently, there is a rise in the demand for aviation cyber security systems across the globe.

Aviation Cyber Security Market Trends:

The global aviation cyber security market has been experiencing growth on account of the rising passenger traffic and increasing instances of cyberattacks. Apart from this, the upgradation of aircraft infrastructure with advanced technological solutions have also contributed to the market growth. Moreover, the governing agencies of several countries are developing a cyber regulatory framework for aircraft systems. This trend, along with increasing investments in research and development (R&D) projects to strengthen the cyber security systems, is expected to bolster the market growth in the

coming years. However, due to the outbreak of the coronavirus disease (COVID-19), governments of numerous countries have imposed lockdowns and travel restrictions as a preventive measure to contain the spread of the pandemic. As a result, airline services have come to a sudden halt, which has negatively impacted the growth of the market. The market is anticipated to grow once normalcy is regained.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global aviation cyber security market, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on solution type, deployment type and application.

Breakup by Solution Type:

Threat Intelligence and Response

Identity and Access Management

Data Loss Prevention

Security and Vulnerability Management

Managed Security

Others

Breakup by Deployment Type:

Cloud-Based

On-Premises

Breakup by Application:

Airline Management

Air Cargo Management

Airport Management

Air Traffic Control Management

Breakup by Region:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Airbus SE, BAE Systems Plc, Booz Allen Hamilton Holding, Cisco Systems Inc., Fortinet Inc., General Dynamics Corporation, Honeywell International Inc., International Business Machines Corporation, Lockheed Martin Corporation, Palo Alto Networks Inc., SITA N.V., Thales Group and Unisys Corporation.

Key Questions Answered in This Report:

How has the global aviation cyber security market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global aviation cyber security market?

What are the key regional markets?

What is the breakup of the market based on the solution type?

What is the breakup of the market based on the deployment type?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global aviation cyber security market and who are the key players?

What is the degree of competition in the industry?

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