

# Market Report Catalog

## Aerospace

February 2018



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# Table of Contents

<i>Cyber-Security Services for Large Enterprises: Opportunities for Operators</i> .....	1
<i>Structural Core Materials Market by Type (Foam, Honeycomb, and Balsa), Outer Skin Type (GFRP, CFRP, and NFRP), End-use Industry (Aerospace, Wind Energy, Marine, Transportation, and Construction), and Region - Global Forecasts to 2022</i> .....	1
<i>Commercial Aircraft Market (By Jet Engines: Turbofan, and Turboprop; By Components: Engine, Airframe, Systems, Avionics, Interior, and Landing Gear: By Aircraft Type: By Geography) Global Scenario, Market Size, Outlook, Trend and Forecast, 2015 - 2024</i> .....	2
<i>Global Drone Market By Type (TUAV, MALE, HALE, VTOL, etc.), By Segment (Military &amp; Commercial), By Application (Mapping, Surveying &amp; Photography, etc.), By Payload (&lt;150 KG, &lt;600 KG, etc.), By Region, Competition Forecast &amp; Opportunities, 2012 - 2022</i> .....	2
<i>Global Small Satellites Market - Analysis and Forecast 2017-2021: Focus on Types (Femto, Pico, Nano, Micro &amp; Mini), Subsystems (Payload, Structure, Telecommunication, On-Board Computer, Power/Attitude Control System, Propulsion System), End Users</i> .....	3
<i>Personal Protective Equipment: Global Markets</i> .....	3
<i>Global Video Surveillance Market - Analysis and Forecast 2017-2023: Focus on Ecosystem (Camera, Monitor, Storage, Software and Service) and Application (Infrastructure, Commercial, Residential, Industrial, Institutional and Others)</i> .....	4
<i>The Global Artillery and Systems Market 2017-2027</i> .....	4
<i>Global Aerospace Adhesive and Sealants Market 2018-2022</i> .....	5
<i>Growth Opportunities in the Global Aircraft Carbon Braking System Market</i> .....	5
<i>Global Personal Safety Tracking Devices Market 2018-2022</i> .....	6
<i>World Military Unmanned Aerial Vehicle Systems 2017</i> .....	6
<i>Global Fire-resistant Fabrics Market 2017-2021</i> .....	7
<i>The Global C4ISR Market 2017-2027</i> .....	7
<i>Global Cryogenic PPE Market 2017-2021</i> .....	8
<i>The Global Electronic Warfare Market 2017-2027</i> .....	8
<i>Airborne Surveillance Market by Type (LiDAR, Radar, Imaging System), Product Type (Manned, Unmanned), Application (Military, Defense &amp; Security, Commercial (Surveying &amp; Mapping, Inspection, &amp; Monitoring)), and Geography - Global Forecast to 2023</i> .....	9
<i>Public Safety and Security Market by Solution (Critical Communication Network, Biometric &amp; Authentication System, Surveillance System, Emergency &amp; Disaster Management, Cyber Security), Service, Vertical, and Region - Global Forecast to 2022</i> .....	9
<i>Global Wireless Gas Detection Market 2017-2021</i> .....	10

<i>SMALL SATELLITE MARKETS, 4th EDITION</i> .....	10
<i>The Global Naval Vessels and Surface Combatants MRO Market 2017-2027</i> .....	11
<i>Global Commercial Aircraft Catalytic Ozone Converter Market 2017-2021</i> .....	11
<i>Global Aircraft Engine Electrical Wiring Harnesses and Cable Assembly Market 2017-2021</i> .....	12
<i>Global Commercial Aircraft Electronic Flight Bag (EFB) Systems Market 2017-2021</i> .....	12
<i>Global Commercial Aerospace 3D Printing Market 2017-2021</i> .....	13
<i>Global Commercial Aircraft Carbon Brakes Market 2017-2021</i> .....	13
<i>Global PPE Market for Food Processing Industry 2017-2021</i> .....	14
<i>Global Commercial Aircraft Angle of Attack Sensors Market 2017-2021</i> .....	14
<i>Government and Military Satellite Communications, 14th Edition</i> .....	15
<i>Metallurgy Additive Manufacturing for Aerospace: Market Shares, Strategies, and Forecasts, Worldwide, 2017 to 2023</i> .....	15
<i>Mine Clearance System Market Report, by System Type (Flails, Tillers, combined flail and tiller system), by Mode Of Operation (Manual, Remote Controlled) and by Region - Global Trends and Forecast till 2025</i> .....	16
<i>Anti-counterfeit Packaging Market in North America 2017-2021</i> .....	16
<i>Flight Inspection (FI) Market by Solution (System, &amp; Services), End User (Commercial Airports, Defense Airports), Services Type (Commissioning, Routine, Special Inspection), System Type (Fixed, Mobile, Ground-based) and Region - Global Forecast to 2022</i> .....	17
<i>Global Commercial Aircraft Electrical Systems Market 2017-2021</i> .....	17
<i>Global Ballistic Composites Market 2017-2021</i> .....	18
<i>Global Energy Storage Market for Drones 2017-2021</i> .....	18
<i>US Border Security Market Report 2018-2028</i> .....	19
<i>Space Launch Services Market by Service Type (Pre-Launch, Post-Launch), Payload (Satellite, Human Spacecraft, Cargo, Testing Probes, Stratollite), End User, Orbit, Launch Vehicle Size, Launch Platform, and Region - Global Forecast to 2025</i> .....	19
<i>Global Energy Storage Market for Satellites 2017-2021</i> .....	20
<i>Ammunition Handling System Market by Platform (Land, Airborne, Naval), Weapon Type (Cannons, Gatling Guns, Machine Guns, Main Guns, Launchers), Feeding Mechanism (Linked, Linkless), Component, Mode of Operation, and Region - Global Forecast to 2022</i> .....	20
<i>Automated Barriers and Bollards Market to 2025 - Global Analysis and Forecasts by Product Type (Push Button, Remote Controlled, RFID Tags Reader, Loop Detectors and Others) and End-use Vertical (Residential, Commercial and Industrial)</i> .....	21
<i>Global Commercial Aircraft Interface Device Market 2017-2021</i> .....	21
<i>Global Commercial Aircraft Airframe Materials Market 2017-2021</i> .....	22
<i>Global Maritime and Border Security Market 2017-2027</i> .....	22

<i>Aircraft Communication System Market by Product Type (SATCOM, VHF/UHF/L-Band, HF Communication, Data Link), Component (Transponder, Transceiver, Antenna, Transmitter, Receiver, Display &amp; Processor), End User, Platform, Region - Global Forecast to 2022</i> .....	23
<i>US DoD C4ISR, 2017-2022</i> .....	23
<i>Aircraft Seat Actuation System Market by Type (Electro-Mechanical, Hydraulic, Pneumatic), Seat Class (Business, Economy, Premium Economy, First), Component (Hardware, Software), End User (OEM, Aftermarket), Aircraft Type - Global Forecast to 2022</i> .....	24
<i>Global Commercial Aircraft Airborne Collision Avoidance System (ACAS) Market 2017-2021</i> .....	24
<i>Global Biodefense Market 2017-2021</i> .....	25
<i>Aircraft Radome Market to 2025 - Global Analysis and Forecasts by Design Type (Nose Radome &amp; Fuselage Mounted Radome), Material Type (Glass-Fiber, Resin &amp; Quartz) &amp; Aircraft Type (Commercial Aircrafts &amp; Military Aircrafts)</i> .....	25

## **Cyber-Security Services for Large Enterprises: Opportunities for Operators**

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"Most operators are not well placed to benefit from enterprise spend on security -- partnerships with MSSPs are needed to gain access to capabilities."

This report analyses the opportunity for communications service providers (operators) to act as managed security service providers (MSSPs) and sell managed security services to large enterprises.

This report answers the following questions:

- What role do operators play in the MSSP market today, and what are their prospects of being competitive in it?
- What are the main opportunities and risks?
- What are the prospects of new players from industries other than telecoms entering the MSSP market?
- What do telecoms operators need to focus on in order to succeed in the MSSP market?
- To what extent do the world's leading MSSPs intend to partner with telecoms operators?

## **Structural Core Materials Market by Type (Foam, Honeycomb, and Balsa), Outer Skin Type (GFRP, CFRP, and NFRP), End-use Industry (Aerospace, Wind Energy, Marine, Transportation, and Construction), and Region - Global Forecasts to 2022**

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[www.giiresearch.com/ce/364558](http://www.giiresearch.com/ce/364558)

The global structural core materials market is projected to grow from USD 1.52 billion in 2017 to USD 2.32 billion by 2022, at a CAGR of 8.8% during the forecast period. The growing demand from the wind energy industry, increasing use of composites in the aerospace industry, and recovery of the marine sector in the US are the major factors fueling the growth of global structural core materials market. However, structural core materials is a highly intensive market which is the main barrier to entry of new players. In addition, delay and uncertainty in the renewal of Production Tax Credit (PTC) are restraining the growth of the market.

"Wind energy is the fastest-growing end-use industry of structural core materials"

Wind energy is a key solution to energy security, air pollution, and price stability. This is driving the demand for structural core materials in this industry. As per the GWEC, in 2016, there were commercial wind power installations in more than 90 countries, with a total installed capacity of 486 GW. The rapid growth of the wind energy industry in China, India, and other countries is driving the demand for structural core materials at a significant rate.

**Commercial Aircraft Market (By Jet Engines: Turbofan, and Turboprop: By Components: Engine, Airframe, Systems, Avionics, Interior, and Landing Gear: By Aircraft Type: By Geography) Global Scenario, Market Size, Outlook, Trend and Forecast, 2015 - 2024**

Published by Variant Market Research LLP  
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Pub. Date 2018/01/03

[www.giiresearch.com/ce/599394](http://www.giiresearch.com/ce/599394)

As per the latest report published by Variant Market Research, Global Commercial Aircraft Market is expected to reach \$346 Billion by 2024 from \$244 Billion in 2016, growing at a CAGR of 4.4% from 2016 to 2024. Commercial aircrafts are plane that carries passengers or goods rather than military. Surging number of domestic and international flights and air-travel passengers, innovation in commercial aircraft design and advancement in technology are the primary drivers for the growth of global commercial aircraft market. The market is expected to show high boom in the coming years driven by some major factors such as, the critical status of intellectual property safety & security in sectors such as avionics and aircraft engine.

The growth of the global commercial aircraft market is mainly driven by factors such as growing tourism and improving economic conditions, rising number of air travelers, and improving commercial aviation network. However, lack of security and terrorism threats are the factors that may restrict the market growth. Moreover, significant growth in GDP and technological advancement in developing economies is expected to pose several growth opportunities for the market in the coming years.

**Global Drone Market By Type (TUAV, MALE, HALE, VTOL, etc.), By Segment (Military & Commercial), By Application (Mapping, Surveying & Photography, etc.), By Payload (<150 KG, <600 KG, etc.), By Region, Competition Forecast & Opportunities, 2012 - 2022**

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Manufacturers of drones are increasingly focussing on making technological advancements to enhance the efficiency of drones. Such advancements and developments are anticipated to fuel growth in the global drone market during the forecast period.

According to "Global Drone Market By Type, By Segment, By Application, By Payload, By Region, Competition Forecast & Opportunities, 2012 - 2022", Global drone market to reach \$ 16.7 billion by 2022. Anticipated growth in the global drone market can be attributed to the growing demand for military and commercial drones, coupled with proactive involvement of regulatory bodies like Federal Aviation Administration (FAA) in formulating laws and regulations that support use of drones and military UAVs. Some of the major players operating in global drone market include SZ Dajiang Innovations Technology Co. Ltd., 3D Robotics Inc., Parrot SA, Yuneec, Aerovironment Inc., Lockheed Martin Corporation, Boeing, China Aerospace Science and Technology Corporation, General Atomics Corp., and Northrop Grumman Corp. "Global Drone Market By Type, By Segment, By Application, By Payload, By Region, Competition Forecast & Opportunities, 2012 - 2022" discusses the following aspects of drone market globally:

**Global Small Satellites Market - Analysis and Forecast 2017-2021:  
Focus on Types (Femto, Pico, Nano, Micro & Mini), Subsystems  
(Payload, Structure, Telecommunication, On-Board Computer,  
Power/Attitude Control System, Propulsion System), End Users**

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[www.giiresearch.com/ce/598098](http://www.giiresearch.com/ce/598098)

The small satellites market has witnessed a high growth rate owing to the advancements in satellite miniaturization, increasing capability of electronic technology, ascending demand for small satellite constellations, and increase in the deployment of small satellites for commercial end users. Recent innovations in small satellite subsystems have enabled them to reach a wider segment of consumers in the satellite industry. The companies are developing relatively low-cost small satellites, i.e., small satellites, which facilitate services almost equivalent to the traditional big satellites that serve government agencies or public sector industries. This, in effect, is expected to increase competition in the near future as well as facilitate the utilization of small satellites for varied applications. Increasing market penetration of small satellites into disaster management - an emerging small satellite application, nations developing their own Global Navigation Satellite System (GNSS), advancements in small satellite structure, and rise in the requirement of cost effective launching sites for small launch vehicles are the major factors which are expected to create lucrative opportunities for the market in the next five years.

**Personal Protective Equipment: Global Markets**

Published by BCC Research

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[www.giiresearch.com/ce/598099](http://www.giiresearch.com/ce/598099)

This report represents an in-depth analysis of the global personal protective equipment (PPE) market by equipment, industry and region. Estimated values used are based on manufacturers' total revenues. Projected and forecasted revenue values are in constant U.S. dollars, unadjusted for inflation. The report discusses the differentiation between PPE to derive specific market estimates, as well as analyses the various types of equipment and the important advances in the field. The report also discusses strategies adopted by major players in the global personal protective equipment market. Patent analysis included in this report provides a snapshot of technological trends in the global market over time as well as geographically - namely for the U.S., Europe and Japan. The global personal protective equipment market is segmented by application type: head, eye and face, hearing, clothing, respiratory, professional footwear, fall protection, hand and others.

**Global Video Surveillance Market - Analysis and Forecast 2017-2023: Focus on Ecosystem (Camera, Monitor, Storage, Software and Service) and Application (Infrastructure, Commercial, Residential, Industrial, Institutional and Others)**

Published by BIS Research

Pub. Date 2017/12/29

Price

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[www.giiresearch.com/ce/305973](http://www.giiresearch.com/ce/305973)

The report presents a detailed market analysis including an in-depth analysis of the market drivers, opportunities, challenges, and growth trend mapped across equipment, software, services, application, and geographies. The market is segmented on the basis of ecosystem (cameras, monitors, storage and software), application areas and geographical regions. The rising security concerns, along with the need for highly efficient, time-saving surveillance systems at affordable costs, is one of the pressing matters to be looked upon in the current scenario. The effort to deliver such solutions, along with the growing application across various verticals, is acting as one of the major drivers for the video surveillance industry.

The increasing demand for Video Content Analytics (VCA) and Video Surveillance as a Service (VSaaS), incorporation of artificial intelligence in video surveillance systems, increasing demand of intelligent transportation systems, and integration of surveillance with technologies such as drones and body-worn cameras have been identified as the key opportunities that could escalate the market growth in the coming years. However, lack of standardization, high initial costs, and threat to data integrity continue to remain the pain points of the market. Moreover, the reduction in the cost of cloud storage solution has surfaced as a key opportunity for service players in the video surveillance market.

**The Global Artillery and Systems Market 2017-2027**

Published by Strategic Defence Intelligence

Pub. Date 2017/12/28

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USD 4800 PDF by E-mail (Single user license) ~

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Modernization initiatives undertaken by various countries are focusing on the upgrade of existing firearms and the induction of new advanced models such as self-propelled howitzer - XM 2001 and advanced Towed Artillery Gun System (TAGS) are also expected to encourage spending. These artillery systems modernization programs are most likely to be witnessed prominently in emerging economies such as India, China, Brazil, and Russia, which are spending significantly on enhancing the capabilities of their ground forces by inducting state-of-the-art howitzers, rocket launchers and mortars.

Global Artillery and Systems market, valued at US\$6.2 billion in 2016, is projected grow at a CAGR of 4.59%, to value US\$9.7 billion by 2026. The cumulative market for global expenditure on the sector is valued at US\$90.8 billion over the forecast period. The demand for artillery and systems is primarily driven by the anticipated procurement by major defense spending countries that are currently involved in conflicts, and emerging economies involved in territorial disputes and countering insurgencies.



## **Global Aerospace Adhesive and Sealants Market 2018-2022**

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Based on the resin type, the epoxy segment dominates the global aerospace adhesive and sealants market. This segment is expected to witness the fastest CAGR during the forecast period. Epoxy resins have a unique combination of adhesion, physical properties, and chemical resistance. The liquid reactive polymers in these resins offer excellent protection against corrosion. Owing to these properties, these resins are popularly used by various end-user industries such as commercial; military, and general aviation.

Technavio's analysts forecast the global aerospace adhesive and sealants market to grow at a CAGR of 5.31% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global aerospace adhesive and sealants market for 2018-2022. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

## **Growth Opportunities in the Global Aircraft Carbon Braking System Market**

Published by Lucintel

Pub. Date 2017/12/27

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USD 4850 Web Access (Single user license) ~

USD 8850 Web Access (Corporate License)

[www.giiresearch.com/ce/597636](http://www.giiresearch.com/ce/597636)

The future of the global aircraft carbon braking system market looks promising with opportunities in commercial aircraft, business jets, regional aircraft, and military aircraft. The global aircraft carbon braking system market is expected to reach an estimated \$1.78 billion by 2023 and with a CAGR of 4.5% from 2018 to 2023. The major growth drivers for this market are increasing aircraft deliveries and increasing installation of carbon braking systems in aircraft.

Emerging trends, which have a direct impact on the dynamics of the aircraft carbon braking system industry, include use of nano-composite material in carbon braking system.

A total of 41 figures / charts and 32 tables are provided in this 107 -page report to help in your business decisions. Sample figures with some insights are shown below.

## **Global Personal Safety Tracking Devices Market 2018-2022**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2017/12/27

Price

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[www.giiresearch.com/ce/599241](http://www.giiresearch.com/ce/599241)

The personal safety tracking devices market through GPS technology is expected to post the fastest CAGR during the forecast period, owing to more benefits associated with it as compared with Bluetooth technology. One of the best advantages of using this technology is that it enables tracking from within a range of a kilometer to a different country. It also allows users to live stream the exact location of the user real-time. The availability of a wide range of GPS products is expected to contribute to the market growth during the forecast period.

Technavio's analysts forecast the global personal safety tracking devices market to grow at a CAGR of 12.66% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global personal safety tracking devices market for 2018-2022. To calculate the market size, the report considers the revenue generated from the sales of personal safety tracking devices.

## **World Military Unmanned Aerial Vehicle Systems 2017**

Published by Teal Group Corporation

Pub. Date 2017/12/20

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[www.giiresearch.com/ce/350399](http://www.giiresearch.com/ce/350399)

Teal Group's 'World Military Unmanned Aerial Systems Market Profile & Forecast 2017' is an annual sector study authored by Phil Finnegan, David Rockwell and Steve Zaloga. This study allows clients to identify lucrative potential business opportunities in the increasingly dynamic international military UAS market. It contains a wealth of timely intelligence and analysis on the systems, as well as requirements on a country-by-country basis.

Features include:

- 10-Year Market Forecasts - Covering R&D and procurement for the overall market and, as well as program and country breakouts.
- Expert Analysis - A cogent outlook and rationale for what will be hot over the next decade and what will not.
- Air Vehicles - Development histories, specifications, functional descriptions, manufacturers, funding and evaluations.
- Sensors - Electro-optic, infrared, synthetic aperture radar, electronic warfare, SIGINT, and multi- and hyperspectral systems.
- Requirements - Future requirements are examined for each country likely to be a player in this market.

## **Global Fire-resistant Fabrics Market 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2017/12/20

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Fire-resistant fabrics have flame-resistant properties and are used extensively in manufacturing garments, apparels, and furnishings. These fabrics also have a high resistance to heat. Fire-resistant fabrics provide an important layer of protection and aid products to meet fire safety standards. Fire-resistant fabrics are used in innovative end-use industries such as industrial protective and mining clothing, transport, defense and firefighting services, and home and institutional furnishings. Protective clothing is needed to prevent fire accidents, and this concern has led to the development of fire-resistant fabrics. These fabrics are more resistant to fire than other fabrics as they undergo certain chemical treatments and can catch fire only under certain circumstances. These materials are fire resistant due to the chemical structures that are woven into the fabric.

Technavio's analysts forecast the global fire-resistant fabrics market to grow at a CAGR of 6.05% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global fire-resistant fabrics market for 2017-2021. To calculate the market size, the report considers the revenue generated from the sales of fire-resistant fabrics.

## **The Global C4ISR Market 2017-2027**

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The Global C4ISR market, valued at over US\$139 Billion in 2017, is projected grow at a CAGR of about 2.4%, to a value of more than US\$177 Billion by 2027. The cumulative market for global expenditure on C4ISR systems is valued at around US\$1.65 trillion over the forecast period. Global expenditure on command, control, communications, computers, intelligence, surveillance, and reconnaissance (C4ISR) systems is expected to show robust growth over the forecast period, primarily due to the growing need for improved battle-space awareness and network centric warfare. Modern warfare necessitates the need for identification of threats lurking within civilian population and distinction of friends and foes in urban combat scenarios.

Global C4ISR Systems market is expected to be led by North America with a share of over 44% over the forecast period, followed by Europe with around 22% and Asia-Pacific with a share of about 22.4%. The Middle Eastern market for is expected to account for 7%, followed by the African and Latin American markets with a collective share of around 3.5%.

**Global Cryogenic PPE Market 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)

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PPE, especially gloves and eye protection gear, are critical when handling cryogenic liquids. The oil and gas industry dominates the global cryogenic PPE market, with extensive applications in the LNG sector. The LNG sector is expected to drive the growth of the market in the forecast period, with numerous LNG projects at various stages of planning and construction worldwide. The growing demand for LNG from developing economies is propelling the construction of global LNG terminals. The increasing production of natural gas in countries, such as the US and China, is further driving the installation of various LNG liquefaction terminals.

Technavio's analysts forecast the global cryogenic PPE market to grow at a CAGR of 5.82% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global cryogenic PPE market for 2017-2021. The report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

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**The Global Electronic Warfare Market 2017-2027**

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Electronic Warfare systems are playing a vital role in war fighter detecting, preventing, deterring, and defeating attacks by aircraft, UAVs, missiles, radars, maritime vessels, hostile space systems, and cyber threats. The global electronic warfare market is expected to be valued at more than US\$13 Billion in 2017, and will grow at a CAGR of more than 2.6%, to cross US\$17.5 Billion by 2027.

Global electronic warfare market includes three segments, being electronic protection, electronic attack, and electronic warfare support. The largest share in the global market for electronic warfare is projected to be accounted for by electronic protection systems with an estimated 59% over the forecast period. Electronic protection will be followed by electronic warfare support systems, which are projected to garner a share of more than 30% in the global market during 2017-2027. The remainder of about 9% will be accounted for by electronic attack systems.

**Airborne Surveillance Market by Type (LiDAR, Radar, Imaging System), Product Type (Manned, Unmanned), Application (Military, Defense & Security, Commercial (Surveying & Mapping, Inspection, & Monitoring)), and Geography - Global Forecast to 2023**

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[www.giiresearch.com/ce/595443](http://www.giiresearch.com/ce/595443)

The airborne surveillance market is expected to be worth USD 4.42 billion in 2017 and is expected to reach USD 5.81 billion by 2023, at a CAGR of 4.7% during the forecast period. Rapid technological advancements, Internet of Things (IoT), amendments in laws, the growing demand for UAVs in commercial application, and the availability of low-cost UAVs are some of the driving factors for the airborne surveillance market, while air traffic management poses a challenge for this market.

"Airborne surveillance market for unmanned system is expected to grow at the highest rate during the forecast period"

Major reason behind the growth of unmanned systems is because of its lower cost, rapid technological advancements, and relaxation in regulations in different countries. This has given rise to the use of UAVs in the commercial sector. Increased funding from various investors and players motivate the companies to manufacture innovative solutions for the UAV industry, creating various opportunities in the market.

**Public Safety and Security Market by Solution (Critical Communication Network, Biometric & Authentication System, Surveillance System, Emergency & Disaster Management, Cyber Security), Service, Vertical, and Region - Global Forecast to 2022**

Published by MarketsandMarkets

Pub. Date 2017/12/19

Price

USD 7150 PDF by E-mail (Single User License) ~

USD 11000 PDF by E-mail (Global License)

[www.giiresearch.com/ce/344816](http://www.giiresearch.com/ce/344816)

The public safety and security market size is expected to grow from USD 277.02 billion in 2017 to USD 532.39 billion by 2022, at a Compound Annual Growth Rate (CAGR) of 14.0% during the forecast period. The public safety and security market is driven by factors, such as increasing smart city initiatives, growing trend of IoT in public safety, and rapidly increasing criminal activities and terrorist attacks. However, high installation and maintenance cost may restrain the market growth. Furthermore, lack of efficient storage and management capacities of data is the biggest challenge for organizations.

"Emergency and disaster management segment is expected to grow at the highest CAGR during the forecast period"

The emergency and disaster management solution is expected to grow at the highest CAGR during the forecast period. The various emergency and disaster management solutions include geographic info systems, simulation systems, and surveillance systems. The demand for emergency and disaster management solution is expected to gain pace in the public safety and security market, due to high adoption by government and public safety agencies in case of natural disasters such as earthquakes, cyclones, and tsunami or any other emergency situations.

**Global Wireless Gas Detection Market 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2017/12/18

Price

USD 2500 PDF by E-mail (Single user license) ~

USD 5000 PDF by E-mail (Global license)

[www.giiresearch.com/ce/595529](http://www.giiresearch.com/ce/595529)

Wireless gas detectors identify and monitor gas leaks, toxic gases, and oxygen levels. In case of gas detection, these devices output an electronic signal to a dedicated gas system, centralized controller, programmable logic controller (PLC), or control room that sets off an alarm or guides corrective action. The global wireless gas detection market covers hardware, software, and related services, such as installation and maintenance. The hardware products include gas detection sensors, gas monitors, single and multi-gas detectors, and leak detectors. The software comprises solutions that help in real-time toxic gas detection and triggering alarm systems. The exclusions in this market include flame detectors, associated equipment, and other devices that are used in gas detection.

Technavio's analysts forecast the global wireless gas detection market to grow at a CAGR of 5.97% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global wireless gas detection market for 2017-2021. The report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

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**SMALL SATELLITE MARKETS, 4th EDITION**

Published by Northern Sky Research, LLC

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USD 4295 PDF by E-mail (Standard License: Up to 5 Computers) ~

USD 8295 PDF by E-mail (Enterprise License)

[www.giiresearch.com/ce/372621](http://www.giiresearch.com/ce/372621)

Dozens of manufacturers, satellite operators, and launch service providers have entered the small satellite market, eager to capture a stake in the fastest growing segment of the space industry. Yet, simultaneously, emerging players have entered and departed from this very market, unable to find the revenue or investment for sustained operations. What do these dynamics mean for market growth, and how much potential does the smallsat market really have?

NSR's proprietary database of small satellites, launch service providers, and platforms, complemented by years of in-depth discussions with industry stakeholders, provides the most comprehensive view of the industry. *Small Satellite Markets, 4th Edition (SSM4)* leverages this expertise and market intelligence across verticals, regions, and operators within the 1-500 kg mass range to deliver an industry leading analysis on the current state of the market, including demand forecasts for each mass segment, application, and region over the coming decade. *SSM4* is the must-have report for existing and emerging players and investors seeking to succeed in the rapidly evolving small satellite ecosystem.

## **The Global Naval Vessels and Surface Combatants MRO Market 2017-2027**

Published by Strategic Defence Intelligence

Pub. Date 2017/12/18

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USD 4800 PDF by E-mail (Single User License) ~

USD 14400 PDF by E-mail (Enterprise License)

[www.giiresearch.com/ce/596074](http://www.giiresearch.com/ce/596074)

Global naval vessels and surface combatants MRO market is valued at over US\$12 Billion in 2017, and will grow at a CAGR of about 4.3%, to a value of over US\$19 Billion by 2027. The cumulative market for global naval vessels and surface combatants MRO is anticipated to be valued at about US\$158 Billion over the forecast period. Global naval warfare has witnessed a paradigm shift, and there is an increasing trend towards equipping existing naval vessels with state of the art C4ISR & combat systems.

In terms of segments, the naval vessels and surface combatants MRO market is split into five segments: aircraft carrier MRO, amphibious ship MRO, corvette MRO, destroyer MRO, and frigate MRO. During the forecast period, corvette MRO is expected to account for the largest share of spending, accounting for more than 36% of the overall global market. Spending in this segment will be largely driven by modernization and maintenance programs in the Asia Pacific region, followed by investments in North America, Europe, and the Middle East.

## **Global Commercial Aircraft Catalytic Ozone Converter Market 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2017/12/15

Price

USD 2500 PDF by E-mail (Single user license) ~

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[www.giiresearch.com/ce/595513](http://www.giiresearch.com/ce/595513)

Catalytic ozone converter is a device used in aircraft to eliminate the undesired ozone in the air flow that is supplied to the aircraft cabin space by converting ozone to oxygen. Such converters usually include a catalyst reactor bed that is exposed to the air flow stream to decompose the ozone to oxygen. The demand and consumption of commercial aircraft catalytic ozone converters are highly dependent on the increase in the adoption of air management systems. There is strong evidence that the air management system manufacturing industry will witness a significant growth owing to the demand for improved flight experience from airline operators, who intend to ensure a comfortable and safe environment within the aircraft cabin. This market will also propel by the increasing number of commercial aircraft procurement, especially in the narrow-body aircraft and regional jet segments. Asian countries will procure a higher number of technologically advanced aircraft due to the substantial increase in passenger traffic in this region. Such developments will enhance the requirement of air management systems, thereby increasing the consumption of catalytic ozone converters.

## **Global Aircraft Engine Electrical Wiring Harnesses and Cable Assembly Market 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2017/12/15

Price

USD 2500 PDF by E-mail (Single user license) ~

USD 5000 PDF by E-mail (Global license)

[www.giiresearch.com/ce/595499](http://www.giiresearch.com/ce/595499)

An electrical wiring harness is an assembly of electrical cables or wires that transmit signals or electrical power to the engine. These cables are bonded together by using straps and cable lacing. The growth of the global commercial aircraft gas turbine engine market is mainly propelled by the growing global passenger traffic and the demand for fuel-efficient aircraft. Commercial aircraft original equipment manufacturers (OEMs) are actively engaged in the development of new generation aircraft that feature both decreased fuel consumption and reduced noise and carbon emissions.

Technavio's analysts forecast the global aircraft engine electrical wiring harnesses and cable assembly market to grow at a CAGR of 6.50% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global aircraft engine electrical wiring harnesses and cable assembly market for 2017-2021. The report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

## **Global Commercial Aircraft Electronic Flight Bag (EFB) Systems Market 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2017/12/14

Price

USD 2500 PDF by E-mail (Single user license) ~

USD 5000 PDF by E-mail (Global license)

[www.giiresearch.com/ce/595493](http://www.giiresearch.com/ce/595493)

An EFB is an information management device that is used to help flight crews in flight management tasks. Its adoption can significantly reduce the use of paper-based charts and other vital documents. The demand for commercial aircraft electronic flight bag (EFB) systems is strictly proportional to the growing requirement for commercial aircraft avionics. This is mainly driven by the increasing demand for safety, fuel efficiency, airworthiness, and operational efficiency.

Technavio's analysts forecast the global commercial aircraft electronic flight bag (EFB) systems market to grow at a CAGR of 7.92% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global commercial aircraft electronic flight bag (EFB) systems market for 2017-2021. The report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.



## **Global Commercial Aerospace 3D Printing Market 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2017/12/14

Price

USD 2500 PDF by E-mail (Single user license) ~

USD 5000 PDF by E-mail (Global license)

[www.giiresearch.com/ce/595491](http://www.giiresearch.com/ce/595491)

3D printing is an additive process that involves the deposition of materials to transform a three-dimensional design into a physical component. The components are made layer by layer from a range of different materials, which include a range of metals, composites, and plastics in the filament, liquid resin, or fine powder forms. This rapidly evolving fabrication process is used in the development of advanced structures and components. The first step in creating an object is to create a 3D model that thoroughly explains the design part by part.

Technavio's analysts forecast the global commercial aerospace 3D printing market to grow at a CAGR of 23.01% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global commercial aerospace 3D printing market for 2017-2021. The report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

## **Global Commercial Aircraft Carbon Brakes Market 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)

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Price

USD 2500 PDF by E-mail (Single user license) ~

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[www.giiresearch.com/ce/299260](http://www.giiresearch.com/ce/299260)

Aircraft brakes systems are an integral part of aircraft landing gear systems that support the weight of the entire aircraft during landing and ground operations. The design of landing gears is highly proportional to the size of an aircraft. Aircraft braking system comprises disk brakes that can be operated pneumatically or hydraulically. Mostly, there are two types of brakes used in commercial aircraft: steel brakes and carbon brakes. Carbon brakes became operational in the 1980s, and since then, most commercial airlines have preferred using this type of brakes over steel brakes due to their lighter weight and longer endurance attributes. However, carbon brakes are much costlier than conventional steel brakes.

Technavio's analysts forecast the global commercial aircraft carbon brakes market to grow at a CAGR of 11.55% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global commercial aircraft carbon brakes market for 2017-2021. The report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

## **Global PPE Market for Food Processing Industry 2017-2021**

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[www.giiresearch.com/ce/592414](http://www.giiresearch.com/ce/592414)

PPE includes an array of clothing and safety equipment, used by workers to protect themselves from hazards, injuries, and infections in the workplace. The equipment includes hard hats, earplugs, face masks, harnesses, boots, and high visibility clothing. PPE finds application in a number of industries such as manufacturing, chemicals, construction, oil and gas, food, and pharmaceuticals. PPE is used to reduce health and safety risks not only at workplaces but also while participating in sports and recreational activities. The selection of the PPE must be in accordance with the risks that the wearer is exposed to and the intensity and duration of that exposure.

Technavio's analysts forecast the global PPE market for food processing industry to grow at a CAGR of 4.06% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global PPE market for food processing industry for 2017-2021. To calculate the market size, the report considers the retail selling price as the average selling price of the product.

## **Global Commercial Aircraft Angle of Attack Sensors Market 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2017/12/12

Price

USD 2500 PDF by E-mail (Single user license) ~

USD 5000 PDF by E-mail (Global license)

[www.giiresearch.com/ce/592403](http://www.giiresearch.com/ce/592403)

The angle of attack (AoA) is the angle formed by the flight path and the chord of the airfoil of an aircraft. It is one of the important parameters considered while understanding airplane handling and performance. Moreover, an aircraft wing has a limited range of AoA over which it can perform effectively because the lift is a function of speed, wing area, air density, and AoA. At a given airspeed, the increase in lift occurs with an increase in AoA of the wing. Thus, at the same airspeed, a heavy aircraft of the same configuration should fly with a wider AoA than a lighter one.

Technavio's analysts forecast the global commercial aircraft angle of attack sensors market to grow at a CAGR of 6.45% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global commercial aircraft angle of attack sensors market for 2017-2021. The report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

## **Government and Military Satellite Communications, 14th Edition**

Published by Northern Sky Research, LLC

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USD 4295 PDF by E-mail (Standard License: Up to 5 Computers) ~

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[www.giiresearch.com/ce/222819](http://www.giiresearch.com/ce/222819)

NSR's Government and Military Satellite Communications, 14th Edition continues where the 13th Edition left off - has the Government & Military shifted into a growth period? With world affairs in a constant state of flux, a renewed focus on Asia-Pacific, and an evolving interplay between MILSATCOM and COMSATCOM capacity. GMSC14 explores the leading trends, drivers, and restraints in the Gov & Mil Satellite communications markets.

Building on nearly a decade and a half of analysis, the report focuses on four core markets: Bulk Leasing, Aeronautical, Maritime, and Land-based segments across narrowband to broadband commercial satellite capacities. Through NSR's scenario-based approach, the report explores how changing defense priorities impact the market, charting a path to growth across the most likely of outcomes. Providing data on In-service SATCOM Units, Capacity Demand, and Revenue forecasts from 2016 - 2026, the report goes behind the press releases to focus-in on the major trends, drivers, and restraints.

## **Metallurgy Additive Manufacturing for Aerospace: Market Shares, Strategies, and Forecasts, Worldwide, 2017 to 2023**

Published by WinterGreen Research, Inc.

Pub. Date 2017/12/12

Price

USD 2400 PDF by E-mail (Single User License) ~

USD 4400 PDF by E-mail (Web Site Posting License)

[www.giiresearch.com/ce/590318](http://www.giiresearch.com/ce/590318)

Worldwide markets are poised to achieve continuing growth as the metallurgy additive manufacturing for aerospace decreases the cost of manufacture and increases efficiency in process. Lowering product manufacturing costs is a key benefit.

Additive manufacturing presents the opportunity to completely, rethink a product's design, transforming its functionality and reducing manufacturing complexity. This is a disruptive technology that is transformational. Aerospace companies and government programs are focusing on the advance of metal 3D printing for aerospace engine applications in 2017. Advances have been able to make commercial additive manufacturing a reality.

Aerospace and defense customers leverage 3D systems industry-leading solutions and expertise. Vendors seek to deliver productivity in increasing speed and reliability of quality assurance and validation processes, lowering fuel costs through light weighting and parts consolidation, and increasing manufacturing productivity through innovative 3D printed casting patterns, 3D data recovery, injection-mold design, and direct metal printing of airworthy parts.

**Mine Clearance System Market Report, by System Type (Flails, Tillers, combined flail and tiller system), by Mode Of Operation (Manual, Remote Controlled) and by Region - Global Trends and Forecast till 2025**

Published by Coherent Market Insights

Pub. Date 2017/12/12

Price

USD 4500 PPT Turned PDF (Single User License) ~

USD 10000 PPT Turned PDF (Enterprise User License)

[www.giiresearch.com/ce/593090](http://www.giiresearch.com/ce/593090)

Mine clearance or demining systems refers to the minesweeping and removal of land mines from particular location through utilization of detectors and mechanical tool incorporated in the vehicles. These systems are provisioned with safety systems and required robustness provided to sustain the explosions of the ROW and other improvised explosive devices. Prominent applications of these systems include military and humanitarian. Alternative means include manual operations assisted by tools such as metal detectors, trained animals, acoustics among few others to detect the explosives. However, owing to substantial threats to human lives and the ecosystem by these alternative approaches, mine clearance system market is expected to witness strong growth prospects over the forecast period.

**Market Dynamics**

Extensive stretches of land that may potentially threaten loss of human lives, the biological eco-system and human property owing to the presence of the explosives or landmine as remnants of war, or internal disputes is the prominent growth driver of the mine clearance system market. High number of civilian casualties in the past due to these explosives has led to substantial increase in the global concern and formation of International Campaign to Ban Landmines (ICBL).

**Anti-counterfeit Packaging Market in North America 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2017/12/12

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USD 2500 PDF by E-mail (Single user license) ~

USD 5000 PDF by E-mail (Global license)

[www.giiresearch.com/ce/592404](http://www.giiresearch.com/ce/592404)

Counterfeits are referred to unauthorized reproductions that are identical to the genuine products. This means counterfeit products are a duplicate of the trademarked brand. Consumer goods such as clothing, cigarettes, jewelry, and electronic equipment are easily counterfeited and sold in the market. Anti-counterfeiting packaging is the process of assigning secure packaging to products to minimize their infringement and counterfeiting. The market for counterfeit goods is growing strongly in North America.

Technavio's analysts forecast the anti-counterfeit packaging market in North America to grow at a CAGR of 12.68% during the period 2017-2021.

**Covered in this report**

The report covers the present scenario and the growth prospects of the anti-counterfeit packaging market in North America for 2017-2021. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

**Flight Inspection (FI) Market by Solution (System, & Services), End User (Commercial Airports, Defense Airports), Services Type (Commissioning, Routine, Special Inspection), System Type (Fixed, Mobile, Ground-based) and Region - Global Forecast to 2022**

Published by MarketsandMarkets

Pub. Date 2017/12/11

Price

USD 5650 PDF by E-mail (Single User License) ~

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[www.giiresearch.com/ce/591584](http://www.giiresearch.com/ce/591584)

The flight inspection market is projected to grow from an estimated USD 4.51 billion in 2017 to USD 5.57 billion by 2022, at a CAGR of 4.31% during the forecast period. The increase in flight inspection operations for navigational aids for routine and commissioning inspections due to the increasing number of new airports and expansion of infrastructure on existing airports is expected to drive the flight inspection market. Technical challenges involved in flight inspection procedures act as a challenge to the growth of the flight inspection market.

The defense airports end-user segment is expected to witness the highest growth in the flight inspection market during the forecast period.

The flight inspection market for defense airports is projected to grow at the highest CAGR during the forecast period. This growth is attributed to the increasing defense budgets of emerging economies and the increasing spending on military infrastructure. With increasing defense budgets, the modernization and development of defense airports as well as the demand for defense airports for strategic purposes is increasing.

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**Global Commercial Aircraft Electrical Systems Market 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2017/12/08

Price

USD 2500 PDF by E-mail (Single user license) ~

USD 5000 PDF by E-mail (Global license)

[www.giiresearch.com/ce/592382](http://www.giiresearch.com/ce/592382)

Aircraft electrical systems generate, distribute, and regulate power throughout the aircraft. The system mainly consists of power sources like batteries and generators, components like conversion devices, control devices, and protection devices, and power distribution systems that include busbar systems, cables, and wires. The electrical loads in an aircraft are mainly avionics, lighting systems, heating systems, and motors. The performance of an aircraft depends on the reliability and efficiency of electrical systems and subsystems, as modern aircraft largely rely on electrical power for both flight-critical and non-flight critical applications.

Technavio's analysts forecast the global commercial aircraft electrical systems market to grow at a CAGR of 6.11% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global commercial aircraft electrical systems market for 2017-2021. To calculate the market size, the report considers the installation of electrical systems in commercial aircraft, namely narrow-body aircraft, wide-body aircraft, and regional jets, during the forecast period.

## **Global Ballistic Composites Market 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2017/12/08

Price

USD 2500 PDF by E-mail (Single user license) ~

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[www.giiresearch.com/ce/592363](http://www.giiresearch.com/ce/592363)

Ballistic composites are a combination of two or more materials with different properties different. These materials have a high stiffness and tensile strength, low density, high thermal and electrical conductivity, and adjustable coefficient of thermal expansion. They are also resistant to corrosion and are stable at high temperatures. Ballistic composites are classified based on matrix and filler materials. In recent years, the use of ballistic composites in PMC has increased and is expected to witness growth during the forecast period

Technavio's analysts forecast the global ballistic composites market to grow at a CAGR of 7.20% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global ballistic composites market for 2017-2021. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

## **Global Energy Storage Market for Drones 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2017/12/08

Price

USD 2500 PDF by E-mail (Single user license) ~

USD 5000 PDF by E-mail (Global license)

[www.giiresearch.com/ce/592368](http://www.giiresearch.com/ce/592368)

Drones are UAVs (unmanned aerial vehicles), controlled by handheld remote or mobile devices. Drones are equipped with GPS so that the user can track the drone. They also come with sensors such a gyro meter and accelerometer, which are used to control and stabilize the drone during flight. Drones can be classified into three types based on end-users: personal, commercial, and military. Drones have evolved over the years in terms of design, flight time, range and tenure, and data processing. Modern-day drones can process high-resolution videos and images and other surveillance data in real time.

Technavio's analysts forecast the global energy storage market for drones to grow at a CAGR of 11.56% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global energy storage market for drones for 2017-2021. The report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

**US Border Security Market Report 2018-2028**

Published by Visiongain Ltd

Pub. Date 2017/12/08

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GBP 2699 Unprintable PDF (Single User) - 1 Year License ~

GBP 6999 PDF (Global Site License - Includes Free Datasets)

[www.giiresearch.com/ce/599417](http://www.giiresearch.com/ce/599417)

As part of the broader US Border Security market space, there are massive revenue streams within the Biometrics and ICT Systems submarket to tap into. This report shows you where these business opportunities are.

Due to a myriad of real and perceived threats, never before have government and private enterprise been so concerned with protecting the US land and sea borders from crime and deliberate attack. The potential security contracts at stake are enormous and your company needs to be part of this

What are the US Border Security market prospects?

Visiongain's definitive new report assesses that the US Border Security market will reach \$5,853mn in 2018. The performance of the industry is forecast to accelerate, with an anticipated to increase over for the forecast period 2018-2028.

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**Space Launch Services Market by Service Type (Pre-Launch, Post-Launch), Payload (Satellite, Human Spacecraft, Cargo, Testing Probes, Stratollite), End User, Orbit, Launch Vehicle Size, Launch Platform, and Region - Global Forecast to 2025**

Published by MarketsandMarkets

Pub. Date 2017/12/08

Price

USD 5650 PDF by E-mail (Single User License) ~

USD 10000 PDF by E-mail (Global License)

[www.giiresearch.com/ce/599147](http://www.giiresearch.com/ce/599147)

The space launch services market is estimated to be USD 8.88 billion in 2017 and is projected to reach USD 27.18 billion by 2025, at a CAGR of 15.01% during the forecast period. Increase in space exploration missions, rise in demand for imaging satellites and International Space Station cargo ships, expansion of the commercial space industry, and technological advancements in launch vehicles are expected to fuel the growth of the space launch services market. However, factors such as lack of dedicated launch vehicles to deploy small satellites into space and increase in orbital debris act as restraints to the growth of the space launch services market.

"Based on launch platform, the land segment is projected to lead the space launch services market during the forecast period."

Based on launch platform, the land segment is expected to lead the space launch services market during the forecast period. Most launch vehicles takeoff from a ground-based site. Several satellites are intended to be launched in Low Earth Orbit (LEO) or Geostationary Earth Orbit (GEO). Satellites launched from the land base near the equator require less maneuvering that contributes to low fuel consumption as compared to satellites that are launched from high altitudes. This, in turn, is projected to drive the growth of the land segment of the space launch services market.

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## **Global Energy Storage Market for Satellites 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2017/12/08

Price

USD 2500 PDF by E-mail (Single user license) ~

USD 5000 PDF by E-mail (Global license)

[www.giiresearch.com/ce/592362](http://www.giiresearch.com/ce/592362)

Energy storage is crucial to proper functioning of satellites and a major requirement in the global satellite industry. In a satellite, energy storage equipment is incorporated with solar PV panels to store energy harnessed by solar panels directly. However, harnessing and storing solar energy is applicable only when batteries are used. Fuel cells and other energy storage technologies are based on chemical reactions; therefore, they do not require solar panels for recharging.

Technavio's analysts forecast the global energy storage market for satellites to grow at a CAGR of 5.04% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global energy storage market for satellites for 2017-2021. To calculate the market size, the report considers the revenue generated from the energy storage market for satellites.

## **Ammunition Handling System Market by Platform (Land, Airborne, Naval), Weapon Type (Cannons, Gatling Guns, Machine Guns, Main Guns, Launchers), Feeding Mechanism (Linked, Linkless), Component, Mode of Operation, and Region - Global Forecast to 2022**

Published by MarketsandMarkets

Pub. Date 2017/12/07

Price

USD 5650 PDF by E-mail (Single User License) ~

USD 10000 PDF by E-mail (Global License)

[www.giiresearch.com/ce/590816](http://www.giiresearch.com/ce/590816)

The ammunition handling system market is expected to grow from USD 2.30 billion in 2017 to USD 3.50 billion by 2022, at a CAGR of 8.75% during the forecast period. This growth can be attributed to the rising incidences of asymmetric warfare and increasing investments to enhance combat capabilities of military forces by procuring armored vehicles equipped with advanced ammunition handling systems. The integration of ammunition handling systems with a wide range of platforms is acting as a challenge to the growth of the ammunition handling system market.

"Based on mode of operation, the automatic segment is expected to lead the ammunition handling system market during the forecast period."

Based on mode of operation, the ammunition handling system market has been segmented into automatic and semi-automatic. The automatic segment is expected to lead the ammunition handling system market from 2017 to 2022. Automation in ammunition handling has significantly reduced the load on troops operating combat vehicles. Automated ammunition handling systems offer operational reliability and facilitate automatic handling of rounds. These systems also help enhance the firepower of weapon systems. Ammunition handling systems mounted on a platform protects troops from the direct enemy fire, owing to automated operations of weapon systems.



**Automated Barriers and Bollards Market to 2025 - Global Analysis and Forecasts by Product Type (Push Button, Remote Controlled, RFID Tags Reader, Loop Detectors and Others) and End-use Vertical (Residential, Commercial and Industrial)**

Published by The Insight Partners

Pub. Date 2017/12/07

Price

USD 4550 PDF by E-mail (Single User License) ~

USD 13650 PDF by E-mail (Enterprise License)

[www.giiresearch.com/ce/591579](http://www.giiresearch.com/ce/591579)

Deployment of barrier and security gate results in several benefits. Apart from providing additional security, it helps in controlling the crowd while averting burglars and thieves from entering into the property. Furthermore, the deployment of automated barriers are also useful in locations where high security is needed from unauthorized access attributed to large flow of people. The automated boom barriers operate either through the instructions of the system operator or through different radiations.

The report focuses on an in-depth segmentation of this market based by boom barrier product type and end-use vertical. The geographic segmentation of the report covers five major regions including; North Americas, Europe, Asia-Pacific (APAC), Middle East and Africa (MEA) and South America (SA). The regional market has been further bifurcated by respective countries. By end-use vertical segment commercial sector accounted for the largest share of the automated boom barriers and bollards market in 2016; whereas APAC region is expected to grow at the highest CAGR during the forecast period.

**Global Commercial Aircraft Interface Device Market 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2017/12/06

Price

USD 2500 PDF by E-mail (Single user license) ~

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Innovations in communication technology, airports, flight decks, and cabins, along with flexible and worldwide air and ground networks, drive aviation information technology. Aviation information technology solution providers are coming up with advanced devices, such as electronic flight bag (EFB) and in-flight entertainment (IFE), which enhance the connectivity in aircraft to achieve unprecedented efficiency, convenience, and safety across the aerospace industry. The integration of these advanced devices requires a compatible aircraft interface device (AID) that will protect avionics data from corruption and unauthorized interference and solve problems in avionics system.

Technavio's analysts forecast the global commercial aircraft interface device market to grow at a CAGR of 14.77% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global commercial aircraft interface device market for 2017-2021. The report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

## **Global Commercial Aircraft Airframe Materials Market 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2017/12/06

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Airframe is the mechanical structure of an aircraft, which includes fuselage, wings, empennage, and landing gear. In the aerospace industry, airframe design combines aerodynamics, manufacturing methods, and materials technology to strike a balance between cost, reliability, and performance. The airframe must be able to withstand aerodynamic forces and stresses developed due to the weight of the crew, fuel, and payload. There was a large-scale improvement in the airframe materials market during the 1930s as the wood and fabric used earlier in aircraft were replaced by lightweight and high-strength materials such as aluminum alloys, magnesium, titanium, and some stainless steel.

Technavio's analysts forecast the global commercial aircraft airframe materials market to grow at a CAGR of 3.5% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global commercial aircraft airframe materials market for 2017-2021. The report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

## **Global Maritime and Border Security Market 2017-2027**

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Global market for maritime and border security is expected to be worth around US\$21 Billion in 2017 and is expected to increase to nearly US\$30 Billion by 2027, representing a CAGR of around 3.3% during the forecast period. Cumulatively, the global market for maritime and border security is projected to value around US\$270 Billion during the forecast period, and is expected to be dominated by Asia Pacific, followed by North America and Europe.

Asia Pacific region accounts for the highest expenditure in the homeland security sector as emerging economies, such as India and China execute extensive modernization programs for their respective maritime and border security forces owing to a number of issues such as territorial conflicts and terrorism.

During 2017-2027, Asia Pacific is anticipated to dominate the global maritime and border security market with cumulative expenditure of about US\$112 Billion. The spending in the region will be largely driven by the ongoing and planned future procurement programs of China, India, South Korea, Australia and Japan, among others, which comprises a large majority of the region's overall investment on the sector. The region is estimated to account for a share of over 41% of the overall maritime and border security market over the forecast period.

**Aircraft Communication System Market by Product Type (SATCOM, VHF/UHF/L-Band, HF Communication, Data Link), Component (Transponder, Transceiver, Antenna, Transmitter, Receiver, Display & Processor), End User, Platform, Region - Global Forecast to 2022**

Published by MarketsandMarkets

Pub. Date 2017/12/05

Price

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USD 10000 PDF by E-mail (Global License)

[www.giiresearch.com/ce/590154](http://www.giiresearch.com/ce/590154)

The aircraft communication system market is projected to grow from USD 3.08 billion in 2017 to USD 5.20 billion by 2022, at a CAGR of 11.02% from 2017 to 2022. Continuous technological advancements in aircraft communication systems, use of software-defined radios for satellite communication, advent of satellite-based navigation systems, and increased number of new aircraft deliveries across the globe are the key factors driving the growth of the aircraft communication system market. However, increased demand for the next-generation Internet Protocol (IP)-based communication systems offers opportunities for the growth of the aircraft communication system market during the forecast period.

"Among platforms, the commercial aircraft segment is estimated to account for the largest share of the aircraft communication system market in 2017."

Among platforms, the commercial aircraft segment is estimated to account for the largest share of the aircraft communication system market in 2017. The growth of this segment of the market can be attributed to increased demand for new and advanced communication systems to ensure the safety of aircraft during their flight. Aircraft communication systems are electronic devices used in an aircraft to communicate and navigate with other aircraft or ground stations. These systems are also used to carry out surveillance activities. Aircraft communication systems are also used to control & monitor operations of an aircraft.

**US DoD C4ISR, 2017-2022**

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USD 4950 Web Access (Regional License)

[www.giiresearch.com/ce/265079](http://www.giiresearch.com/ce/265079)

This research service focuses on the US Department of Defense (DoD) command, control, communications, computers, intelligence, surveillance, and reconnaissance (C4ISR) budget spending. Included in this study are an analysis of research, development, test, and evaluation (RDT&E); procurement; operations and maintenance (O&M); and a variety of services. Contract activity for the 2017 DoD C4ISR is also included in the study. The DoD C4ISR 2018 budget consists of Army, Navy/Marine Corps, Air Force, and Joint Service spending plans, all of which are included. The base year for financial spending is 2016, and the market forecast is from 2017 to 2022.

C4ISR spending for the fiscal year 2018 Department of Defense (DoD) budget request is the foundation of this research. The DoD request is notably higher than that of 2017 and may encounter opposition from both sides of the political aisle. The new research details the defense departments and agencies that offer the best opportunities for companies trying to enter the US defense market. The research includes market drivers and restraints that shed light on some budget numbers and the importance being placed on certain projects and programs. The research assists in understanding the government's focus and the services it is likely to require in future.

**Aircraft Seat Actuation System Market by Type (Electro-Mechanical, Hydraulic, Pneumatic), Seat Class (Business, Economy, Premium Economy, First), Component (Hardware, Software), End User (OEM, Aftermarket), Aircraft Type - Global Forecast to 2022**

Published by MarketsandMarkets

Pub. Date 2017/12/01

Price

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[www.giiresearch.com/ce/334704](http://www.giiresearch.com/ce/334704)

The aircraft seat actuation system market is projected to grow from an estimated USD 507.1 million in 2017 to USD 730.7 million by 2022, at a CAGR of 7.58% during the forecast period. This growth can be attributed to factors, such as the increased demand for business class seats, as most of the airlines are upgrading their cabin interiors to provide better service to passengers. However, the lack of profitable airlines in emerging economies is expected to restrain the growth of this market.

Based on end user, the OEM segment is projected to account for the largest share of the aircraft seat actuation system market during the forecast period.

Based on end user, the OEM segment is estimated to account for the largest share of the aircraft seat actuation system market in 2017. The OEM phase is one of the crucial phases of the aircraft seat actuation system market, as retrofit modification is cumbersome for airlines. Most aircraft seat actuation providers offer the line fit option, as it is easier to customize the aircraft seat according to the airline's requirement before the aircraft is delivered.

**Global Commercial Aircraft Airborne Collision Avoidance System (ACAS) Market 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)

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Price

USD 2500 PDF by E-mail (Single user license) ~

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[www.giiresearch.com/ce/588932](http://www.giiresearch.com/ce/588932)

An airborne collision avoidance system is a device designed to reduce mid-air collisions. It monitors the airspace around an aircraft and interrogates with other nearby aircraft fitted with a transponder. The system works independent of air traffic control and alerts pilots of the presence of other aircraft to prevent potential mid-air collisions. The demand for commercial aircraft airborne collision avoidance system (ACAS) is directly proportional to the increasing demand for global commercial aircraft avionics. It is mainly driven by the rising need for safety, airworthiness, and operational efficiency.

Technavio's analysts forecast the global commercial aircraft airborne collision avoidance system (ACAS) market to grow at a CAGR of 5.35% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global commercial aircraft airborne collision avoidance system (ACAS) market for 2017-2021. To calculate the market size, the report presents a detailed picture of the market by way of study, synthesis, and summation of data from multiple sources.

**Global Biodefense Market 2017-2021**

Published by TechNavio (Infiniti Research Ltd.)

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Price

USD 2500 PDF by E-mail (Single user license) ~

USD 5000 PDF by E-mail (Global license)

[www.giiresearch.com/ce/588942](http://www.giiresearch.com/ce/588942)

Biodefense is the use of medical measures to protect people against bioterrorism. It mainly applies to two different target populations, namely military combatant (troops in the field) and civilian non-combatant. The protection of food supplies and water are often considered a critical part of biodefense. Owing to the increasing threat of terrorism and bioterrorism, the risk posed by exposure to biological agents that can be used as biological weapons must be evaluated. Biological agents used in warfare may prove to be more potent than conventional weapons. In the last century, the developments made in biochemistry and biotechnology have simplified the production of such weapons. Genetic engineering can be used to create new pathogens by manipulating genes, thereby giving rise to a whole new generation of genetically modified bioweapons. Factors such as ease of production, availability of technical know-how, and the extensive accessibility of biological agents have further led to the threat of biological weapons.

**Aircraft Radome Market to 2025 - Global Analysis and Forecasts by Design Type (Nose Radome & Fuselage Mounted Radome), Material Type (Glass-Fiber, Resin & Quartz) & Aircraft Type (Commercial Aircrafts & Military Aircrafts)**

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[www.giiresearch.com/ce/587017](http://www.giiresearch.com/ce/587017)

Aircraft Radome market is expected to grow to US\$ 741.47 million by 2025 from US\$ 403.81 million in 2016. The sales of aircraft radomes is largely influenced by numerous economic and environmental factors. The sales pattern for aircraft radomes have faced similar ups and downs as the global economy. Therefore, the global economy plays a key role in the development of aircraft radome market. Amongst the environmental factors, weather anomalies affect the business of the industry. The market for aircraft radome market is influenced by various factors such as rise in demand for air travel, and increasing demand for quartz fiber. These factors are poised to drive the market for aircraft radome during the forecast period from 2017 to 2025. However, the growth of market is being hindered by lack of skilled engineering labor required for maintenance of aircraft radome, and high cost of advanced fiber materials.