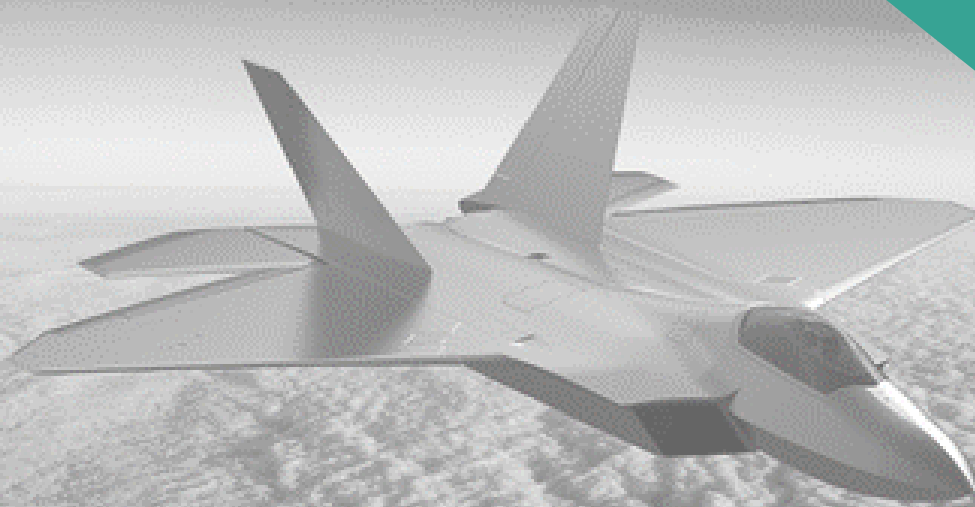




Defense & Aerospace

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Military 3D Printing Market by Offering (Printer, Material, Software, Service), Application (Functional Part Manufacturing, Tooling, Prototyping), Platform (Airborne, Land, Naval, Space), Process, Technology, and Region - Global Forecast to 2025

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The military 3D printing market is estimated to be USD 799.8 million in 2018 and is projected to reach USD 4,594.4 million by 2025, at a CAGR of 28.37% from 2018 to 2025. Military 3D printing can be defined as the process of creating three-dimensional objects from a digital file using various materials, such as steel alloys, aluminum, titanium, plastics, nickel, and ceramics. The demand for lightweight parts and components in the defense industry and investments made by defense entities in 3D printing projects are key factors projected to drive the growth of the military 3D printing market. However, limited availability of materials and stringent military standards are acting as restraints to the growth of the market.

Based on offering, the printer segment is estimated to lead the military 3D printing market in 2018.

Based on offering, the printer segment is estimated to lead the military 3D printing market in 2018. OEMs are focused on the adoption of 3D printing technology to manufacture defense equipment, which, in turn, has contributed to the increasing demand for 3D printers.

Video Analytics Market by Type (Software and Services), Application (Intrusion Management, Incident Detection, People/Crowd Counting, Traffic Monitoring), Deployment (On-Premises and Cloud), Vertical, and Region - Global Forecast to 2023

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The video analytics market size is expected to grow from USD 3.23 billion in 2018 to USD 8.55 billion by 2023, at a Compound Annual Growth Rate (CAGR) of 21.5% during the forecast period. Disadvantages of manual video analysis and enterprises' demand for actionable insights from video data are major growth factors for the market. However, demand for high investments in legacy installations and concerns over privacy could affect the growth of video analytics market.

"Service type is expected to grow at a higher rate during the forecast period"

Services are an important part of video analytics offerings. The deployment of customized video analytics solutions is required for specific security purposes at certain locations. Furthermore, training and consulting services enable customers to use the software with ease and understand its use in a better way. The services segment constitutes professional services as well as managed services. The various services offered in the video analytics market include security design, project management, plan for business continuity, and implementation.

SATELLITE CONSTELLATIONS: A CRITICAL ASSESSMENT

Published by Northern Sky Research, LLC

Pub. Date 2018/05/02

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www.giiresearch.com/ce/632217

Satellite constellations plans have been a central satcom topic for decades. From expanding the customer base to providing connectivity to rural areas, the potential is immense but likewise are the challenges. With a certain level of skepticism airing around these plans, NSR's Satellite Constellations: A Critical Assessment report dives into the various aspects of the business and takes a stance on the future of key satellite constellations.

This report provides an in-depth competitive assessment of key satellite constellations within three market segments: Communication HTS, IoT & EO. It reviews various aspect of the business case including launcher strategy, ground infrastructure costs, manufacturing and replenishment plans as well as financing status and distribution for each constellation. The financial 'Bottom Line' for each is scrutinized and compared against a qualitative assessment to evaluate their prospects. Based on this analysis, NSR further evaluates growth trends of N GEO constellations within each target market over a 10-year period.

Global Business Jet Market: Industry Analysis & Outlook 2018-2022

Published by Konzept Analytics

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A business jet or a private jet, is a jet aircraft designed for transporting small groups of people. Business jets may be adapted for other roles as well but it is largely owned by millennials for business related activities. There are three basic types of operators who own manage and operate business jets; flight departments, charter companies, and fractional ownership. Amongst the three, fractional ownership is becoming a popular choice because the benefits it offer.

The global business jets market is extremely cyclical in nature and is highly correlated to corporate profits. The business jets are classified according to their size i.e. heavy business jets, medium sized business jets and light business jets. Another classification of these jets is made on the basis of their age and the requirement for replacement demand.

The global business jets market has seen a rise in the historical fleet count and is further expected to see a rise, however, the business jet deliveries are vastly affected by cyclical nature of the market. The global market is expected to grow owing to factors such as increase in corporate profits, rise in flight operations of business jets and growing GDP. The ongoing trend of the market includes growing demand for emerging economies and increased focus on research and development for technological breakthrough.

Aircraft Manufacturing: Global Markets to 2022

Published by BCC Research

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The global market for aircraft manufacturing should total \$562.5 billion in 2022 from \$468.1 billion in 2017 at a compound annual growth rate (CAGR) of 3.7% from 2017 to 2022.

Report Includes:

- 95 tables
- An overview of the global markets for aircraft manufacturing within the industry
- Analyses of global market trends, with data from 2013 through 2017, and projections of compound annual growth rates (CAGRs) through 2022
- Evaluation of the role of smart glasses in the aircraft industry
- Discussion of the impact of 3D printing technologies for the manufacturing of lightweight aircraft parts
- Insight into government initiatives, regulatory bodies, and major associations representing the aircraft manufacturing industry
- Detailed company profiles of major players in the market, including Airbus SE, The Boeing Company, Lockheed Martin Corp., BAE Systems, Inc. and Textron, Inc.

Report Scope

This research report categorizes the aircrafts market by type. Product type include civil and military helicopters, civil and military aircrafts, and civil and military drones.

Global Commercial Aircraft Cabin Interiors Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/30

Price

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USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/322246

Aircraft cabin is the section of a commercial aircraft that accommodates passengers. It comprises lights, seats, windows, in-flight entertainment systems, galley, and lavatories. The report has been segmented based on aircraft type (narrow-body, wide-body, and regional), and on product type (seating, lavatory module, windows, cabin panels, and stowage bins, galley, and lighting).

Technavio's analysts forecast the global commercial aircraft cabin interiors market to grow at a CAGR of 6.17% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global commercial aircraft cabin interiors 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.

The market is divided into the following segments based on geography:

- Americas
 - APAC
 - EMEA
-

Aerospace Valves Market by Valves (Fuel, Hydraulic, Air Conditioning, Pneumatic), Material (Steel, Aluminum, Titanium), Mechanism (Poppet, Pilot, Flapper-Nozzle, Ball and Plug, Baffle), End User (OEM, Aftermarket), Aviation - Global Forecast to 2023

Published by MarketsandMarkets

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www.giiresearch.com/ce/633089

The aerospace valves market is projected to grow from an estimated USD 3.71 billion in 2018 to USD 4.84 billion by 2023, at a CAGR of 5.44% during the forecast period. The aerospace valves market is mainly driven by the increase in aircraft orders and short replacement cycles of aerospace valves. However, existing backlogs of aircraft deliveries are restraining the growth of the aerospace valves market.

"The aerospace hydraulic system valves segment is projected to lead the aerospace valves market during the forecast period."

Based on valves, the aerospace hydraulic system valves segment is projected to lead the aerospace valves market during the forecast period, owing to the growth of commercial aircraft orders and the increasing MRO services in regions such as Asia Pacific.

"Based on mechanism, the ball and plug valves segment is projected to lead the aerospace valves market during the forecast period."

Based on mechanism, the ball and plug valves segment is projected to lead the aerospace valves market during the forecast period, as every aircraft needs a maximum number of valves using the ball and plug mechanism for fluid discharge in the system for regular fluid flowing operations. These valves also need to be replaced at regular intervals.

Smart Home Security Market in the US by Product

Published by Freedonia Group

Pub. Date 2018/04/30

Price

USD 2900 PDF by E-mail (Single User License) ~

USD 5500 PDF by E-mail (Corporate License)

www.giiresearch.com/ce/634021

US demand for smart home security products is forecast to decelerate, expanding 10% per year through 2025 to \$11 billion. Gains will be driven by the greater cost, installation, and performance efficiencies of smart home security products compared to traditional types. All-in-one smart home security systems and multi-component kits will remain the leading product type through the forecast period, but the best growth opportunities exist for smart locks and access controls.

'Smart Home Security ' answers the following questions and more:

- Does M&A activity among the market leaders indicate smart home security's blockbuster potential?
- Which suppliers will end up dominating the market - tech industry leaders or traditional security product manufacturers?
- What are the technological limits of the current generation of smart home security devices, and what innovations are expected for the next generation?
- How will data privacy concerns affect adoption rates of smart home devices in general as high profile breaches continue?

Global Military Helicopter MRO Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/30

Price

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USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/301118

Military MRO refers to repair, maintenance, and overhaul services provided by companies to military forces for the optimal health of helicopters.

Technavio's analysts forecast the global military helicopter MRO market will register a revenue of more than USD 9.8 billion by 2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global military helicopter MRO 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.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Military Helicopter MRO Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Unmanned Combat Aerial Vehicle (UCAV) Market Report 2018-2028

Published by Visiongain Ltd

Pub. Date 2018/04/27

Price

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

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Report Details

- Do you need Unmanned Combat Aerial Vehicle System market data?
- Succinct Unmanned Combat Aerial Vehicle System market analysis?
- Technological insight?
- Clear competitor analysis?
- Actionable business recommendations?

Read on to discover how this definitive report can transform your own research and save you time.

The global Unmanned Combat Aerial Vehicle Systems market consists of worldwide government spending on the procurement, development, and upgrades of UCAV systems for military purposes. It also includes the cost of installation where possible, although the costs of installation are often included in the cost of manufacture and can often not be identified. If you want to be part of this growing industry, then read on to discover how you can maximise your investment potential.

Mission Critical Communications: Voice, Data, and M2M for Public Safety and Critical Infrastructure Market Outlook and Forecasts 2018 - 2023

Published by Mind Commerce

Pub. Date 2018/04/24

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www.giiresearch.com/ce/629178

The Market for mission critical communications is rapidly developing as developing technologies supply solutions necessary to meet emerging demand for improved voice, data, and machine-oriented communications. The public safety community increasingly rely upon IP-based solutions for first responder (ambulance, police, fire) and dispatch communications as well as overall coordination in the event of a disaster.

Industry verticals that manage critical infrastructure (such as utilities, ports, and transportation) also demand require enhanced communications to safeguard assets and optimize operations. Mind Commerce sees a few technologies playing a key role including 5G, Artificial Intelligence, and Internet of Things (IoT) solutions. In addition, there is a strong opportunity for network and system integration as otherwise disparate solutions are converge in a manner in which operations management does not become onerous.

This research assesses core public safety technology and solutions as well as emerging key areas for critical communications including 5G, AI, and IoT.

Future of the Swiss Defense Industry - Market Attractiveness, Competitive Landscape and Forecasts to 2023

Published by Strategic Defence Intelligence

Pub. Date 2018/04/20

Price

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USD 3750 PDF by E-mail (Enterprise License)

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With a neutral stance during times of war and a reputation for being a peace loving nation, Switzerland has traditionally made only modest budget allocations to defense. In 2018, the Swiss Government increased its defense budget expenditure by 6.7% compared to the previous year. The growth was triggered by the country's need to invest in military equipment and devices based on new age cutting-edge technologies, replacing outdated equipment. Consequently, Swiss military expenditure is forecast to increase steadily, to reach US\$6.5 billion in 2023, at a CAGR of 4.67%, over the forecast period.

During 2019-2023, Switzerland is expected to assign an average of 24.7% of its defense budget to capital expenditure, higher than recorded during 2014-2018. The remainder of the budget will be used to meet revenue expenditures. The country is expected to invest in the procurement of C4ISR, cyber security, UAV's, critical infrastructure protection (CIP), and military radar, over the forecast period. In addition, the defense board aims to upgrade its existing communications network, as well as incorporating improved levels of internet security.

Global Chemical Protective Clothing Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/20

Price

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Chemical protective clothing is a type of personal protective equipment that finds extensive usage in various industries, for protecting employees from the harmful effects of hazardous workplace chemicals. Because of this, chemical protective clothing is mandatory in Europe under REACH workplace safety laws and voluntary in the Americas under the OSHA guidelines. It finds little usage in developing nations in the APAC and MEA regions. The major applications of chemical protective clothing are industrial applications and personal applications. Chemical protective clothing is globally produced from various fabrics and raw materials, including polyesters, polyamides, and polyolefins.

TechNavio's analysts forecast the Global Chemical Protective Clothing market will grow at a CAGR of 6.67 percent over the period 2014-2019.

Covered in this Report

The Global Chemical Protective Clothing market can be divided on the basis of application into the following segments: Industrial applications and Personal applications.

TechNavio's report, Global Chemical Protective Clothing Market 2015-2019, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the APAC region, the Americas, Europe, and the MEA region; it also covers the Global Chemical Protective Clothing market landscape and its growth prospects in the coming years. The report also includes a discussion of the key vendors operating in this market.

Global Aircraft Tire Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/20

Price

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www.giiresearch.com/ce/294928

Aircraft tire is one of the essential components of an aircraft, a significant member of the landing gear system and plays a vital role in the safe running of an aircraft.

TechNavio's analysts forecast the global aircraft tire market to grow at a CAGR of 4.50% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global aircraft tire 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.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Aerospace & Defense Fluid Conveyance Systems Market Size By Aircraft, By Fluid, Component, Distribution Channel, Application Industry Analysis Report, Regional Outlook, Growth Potential, Price Trends, Competitive Market Share & Forecast, 2018 - 2024

Published by Global Market Insights Inc.

Pub. Date 2018/04/20

Price

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www.giiresearch.com/ce/633418

Global aerospace & defense fluid conveyance systems Market is anticipated to exceed USD 22 billion over the forecast timeframe. Increasing aircraft production and global commercial plane deliveries will fuel the industry growth. Consistent investment in defense sector particularly in emerging countries has resulted in increase in demand from military aircraft resulting in revenue generation. Up surging air traffic owing to urbanization and affordability has contributed to the superior demand of the aircraft, this in turn, will induce positive impact on aerospace & defense fluid conveyance systems Market till 2024.

International Air Transport Association has registered more than 3.8 billion air passengers carried by currents airliner across the world. In addition, IATA noted over 7% rise as compared to 2015. Rising disposable income across the world, less expensive flight rates and growing traveling and tourism industry growth fueling aerospace & defense fluid conveyance systems market penetration.

Low-cost carriers are gaining strong attention from last few years owing to high fuel efficiency, stringent regulation on carbon emission, rising fuel price are key factors stimulating aerospace & defense fluid conveyance systems demand. Low weight but high strength materials include titanium and nickel are generating strong product deployment from most of OEM companies for better revenue generation during the forecast period.

Evolution of Public Safety Communications: Technological and Marketing Analysis

Published by Practel, Inc.

Pub. Date 2018/04/20

Price

USD 3600 Non-printable PDF By E-mail (Single User License) ~

USD 4900 Enterprise License

www.giiresearch.com/ce/628061

Development of Public Safety Communications (PSC) is an important part of governmental efforts to keep first responders well informed and safe in disastrous situations. The dynamics of technologies that support PSC require periodic review of multiple technical contributions and related markets' changes.

This report updates information on the development of PSC and on recent standardization efforts to support integration of commercial and private communications to provide cost efficient and feature-rich networking for first responders.

The report reflects the history of PSC and follows the road of their evolution. Two major groups of standards - P25 and TETRA - define specifics of PSC worldwide. These LMR standards are being in the development for at least twenty-two years and they supported and continue to support voice and relatively low-speed data that first responders' communications required. At the present time, P25 and TETRA standards are mostly completed and moved to the stage of maintenance and some enhancements.

Global Decoy Flares Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/19

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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/633241

Infrared (IR)-decoy flares, also known as decoy flares, serve to counter IR-guided surface-to-air missiles or air-to-air missiles and can be expelled from the craft according to an anticipated threat in defined sequences.

Technavio's analysts forecast the global decoy flares market to grow at a CAGR of 5.32% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global decoy flares 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.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Decoy Flares Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Global Aircraft Interface Device Market - Technologies, Market share and Industry Forecast to 2024

Published by Occams Business Research & Consulting Pvt. Ltd.

Pub. Date 2018/04/19

Price

USD 3900 PDF by E-mail (Single User License) ~

USD 6900 PDF by E-mail (Enterprise License)

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Global aircraft interface device market is expected to grow at CAGR of 14.8% during the period of 2017-2024. Aircraft Interface Device (AID) system solves problem related to the speed of integration and compatibility and plays an important role in modern connected aircraft. AID is a major component of many aviation upgrades, such as in-flight entertainment and connectivity (IFEC) systems and electronic flight bags (EFBs). Improved situational awareness using AID, reduced maintenance cost with the use of aid, increase in demand for aircraft, and emergence of BYOD trend are the factors for which are driving the market. However, authorization from FAA and airworthiness regulations pertaining to AID is the factor restraining the market growth. Furthermore, benefits associated with advanced in-flight entertainment services, and installation of aid for commercial helicopters is creating new opportunity for the market during the forecast period.

The Global Body Armor and Personal Protection Market 2018-2028

Published by Strategic Defence Intelligence

Pub. Date 2018/04/19

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www.giiresearch.com/ce/276002

Global body armor and personal protection market is expected to grow at a CAGR of 4.55% to value US\$3.5 billion by 2028. The cumulative market for global expenditure on military body armor and personal protection will reach US\$30.6 billion over the forecast period. The demand for body armor and personal protection equipment is expected to be driven by modernization initiatives undertaken by various defense forces and law enforcement agencies across the world, and internal security threats, such as terrorism, insurgency and organized crime.

The trend towards the development of lightweight ballistic material is one of the major factors propelling defense authorities towards procuring newer-generation personal protection equipment. As such, countries are focusing on manufacturing better solutions such as ballistic inserts, lightweight under suits, combat helmets, anti-mine boots and flame resistant uniforms that provide the benefits of comfort and enhanced protection to ground forces.

Airborne LiDAR Market Global Scenario, Market Size, Outlook, Trend and Forecast, 2016 - 2025

Published by Variant Market Research LLP

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www.giiresearch.com/ce/629527

Global Airborne LiDAR Market is estimated to reach \$6,273.9 Million by 2025; growing at a CAGR of 21.4% from 2017 to 2025. LiDAR, which stands for Light Detection and Ranging, is a remote sensing technology, which uses light in the form of pulsed laser to measure various targets. A LiDAR can generate pulses of laser light to a surface and may go up to 150,000 pulses per second and airborne LiDAR instrument uses a laser scanner with up to 400,000 pulses of light per second. An airborne LiDAR is able to cover large areas of land safely and accurately in a matter of minutes.

The global airborne LiDAR market is mainly driven by rising demand for 3D imaging, rising use of UAVs in numerous Type industries, and reduction in price of drones. Moreover, enormous prospects in GIS applications are likely to provide several growth opportunities for the market in the forecast period. However, lack of skilled personals and high cost of the instrument may hinder the growth of the market.

Drone Analytics Market Global Scenario, Market Size, Outlook, Trend and Forecast, 2016 - 2025

Published by Variant Market Research LLP

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Global Drone Analytics Market is estimated to reach \$15.61 billion by 2025; growing at a CAGR of 34.1% from 2017 to 2025. Drone Analytics is the process which involve the analysis of data that is received from various kinds of drone to give meaningful patterns, that can guide business decisions. The growing use of drone analytics in industries, like construction, agriculture, mining & quarrying, as well as insurance is likely to boost the growth of the drone analytics market. Various applications of data analytics used in many industries include geolocation tagging, aerial monitoring, thermal detection, ground exploration, 3D modelling, volumetric calculations, and other applications.

High demand of drone analytics for usage in commercial applications is driving the growth of the drone analytics market. Other factors impacting the growth of the market includes growing capital investments for the development of innovative & advanced drone software, and growth in the demand for sophisticated industry-specific analytical solutions. The factor like huge costs for gathering precise data might act as a roadblock for the drone analytics market growth. Furthermore, growth of advanced and complex drone software would provide many opportunities for players in this market.

Aircraft Lightning Protection Market Global Scenario, Market Size, Outlook, Trend and Forecast, 2016 - 2025

Published by Variant Market Research LLP

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www.giiresearch.com/ce/629525

Global Aircraft Lightning Protection Market is estimated to reach \$7.04 billion by 2025; growing at a CAGR of 6.4% from 2017 to 2025. Aircraft lightning protection on airplanes is used to avoid delays and interruptions as well as reduce the significance of the strike. Lightning attaches to entry and exit points almost simultaneously, and most commonly strikes the nose, wingtips, engine cowlings, and tip of the vertical tail. Increasing adoption of composite structures in aircraft program is the primary factor to boost the global aircraft lightning market. Moreover, high acceptance from military, regional, and commercial aircrafts manufacturers due to aircraft protection, emergence of new aircraft manufacturers in Asia-Pacific region, and aviation guidelines and authorization standards about the use of Lightning Strike Protection (LSP) in aircraft is expected to generate numerous growth opportunities for the market in the coming years.

Remote Sensing Services Market Global Scenario, Market Size, Outlook, Trend and Forecast, 2016 - 2025

Published by Variant Market Research LLP

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www.giiresearch.com/ce/629524

Global Remote Sensing Services market is estimated to reach \$32.80 Billion by 2025; growing at a CAGR of 14.9% from 2017 to 2025. Remote sensing services allow the satellites and aircrafts to obtain information about objects or areas from a distance. Remote sensors gather information by detecting the energy that is reflected from Earth. These sensors are mounted on satellites or aircrafts. The global remote sensing market is driven by factors such as rising need for remote sensing services in military and commercial applications, growing demand in homeland security services, and surging need for real time data. In addition, implementation of big data analytics in remote sensing services and growth in cloud computing market is expected to create new avenues for the market in the forthcoming years.

Global Military Rotorcraft Market 2018-2028

Published by Strategic Defence Intelligence

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USD 14400 PDF by E-mail (Enterprise license)

www.giiresearch.com/ce/278757

Global military rotorcraft market is expected grow at a CAGR of 4.28%, to value US\$30.7 billion by 2028. The cumulative global expenditure on military rotorcraft over the forecast period is estimated at US\$271.7 billion. The demand for rotorcraft is expected to be driven by the need to replace aging fleets and enhance capabilities pertaining to disaster relief operations.

Apart from emerging economies in the Middle East and South Asian regions which are witnessing increasing defense expenditure due to regional power struggles and territorial disputes, countries in North America and Western Europe are also expected to increase their defense outlays after years of budget cuts and sequestration measures presenting global military rotorcraft manufacturers with greater opportunities in the coming decade

Rapidly changing global security scenario and the growing importance of unconventional missions and urban warfare have resulted in change of roles for helicopters in the modern warfare strategies. Unlike their traditional roles, rotorcrafts are being used as part of the comprehensive mission parameters, which calls for integration of advanced and multiple capabilities in rotorcrafts.

Unmanned Vehicles Providing Value Across Industries

Published by Navigant Research

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www.giiresearch.com/ce/628046

Unmanned vehicles (UVs) have been growing in both popularity and utility in the past 5 years. As the technology and capabilities of UVs advance, so too does the value of their commercial applications. UVs are becoming increasingly able to collect visual information and carry out complex tasks, and more industries are turning to these vehicles as a safer, cheaper, and more reliable alternative to incumbent solutions. However, current regulatory structures limit the ability to test and deploy innovative services. As UV pilot programs establish the safety and reliability of the technology, these regulations will likely adapt.

UVs have limitless application potential, several of which are just being examined. They have enabled information gathering once difficult or impossible. Many of these applications are less cost prohibitive than traditional solutions and are removing human operators from dangerous situations. As UVs become more mainstream both recreationally and commercially, their established track record will create more confidence in their use for other applications as well. Commercial adoption will continue at an increasing rate as the operational capabilities of UVs improve alongside automated solutions.

Aircraft Doors Market by End User (OEM and Aftermarket), Application (Commercial (NBA, WBA, VLA, RTA, Business Jets) and Military (Transport Aircraft, Helicopter)), Door Type (Passenger, Cargo, Emergency, Access, Landing Gear) - Global Forecast to 2022

Published by MarketsandMarkets

Pub. Date 2018/04/17

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www.giiresearch.com/ce/628997

"Increase in aircraft deliveries and high demand for lightweight aircraft doors are key factors driving the growth of the aircraft doors market."

The aircraft doors market is projected to grow from USD 3.68 billion in 2017 to USD 5.22 billion by 2022, at a CAGR of 7.25% during the forecast period. Factors such as rise in aircraft deliveries and increased focus on maintenance of aircraft doors are projected to drive the growth of the aircraft doors market. Stringent regulatory environment is acting as a key restraint to the growth of the market.

Based on application, the commercial aviation segment is projected to lead the aircraft doors market during the forecast period.

The commercial aviation application segment is expected to lead the aircraft doors from 2017 to 2022. The growth of the commercial aviation segment can be attributed to the rise in commercial aircraft orders, owing to the increasing air passenger traffic, especially in the Middle East and Asia Pacific.

Hybrid Electric Jet Market - Global Industry Insights, and Forecast till 2026

Published by Coherent Market Insights

Pub. Date 2018/04/16

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www.giiresearch.com/ce/629679

The hybrid-electric jet is an aircraft that configures the electric motors and an electric engines. Both electric motor and internal combustion engine add the value in the hybrid-electric jet systems by saving the fuel and also help in decreasing the take-off noise and the carbon dioxide emission levels. Another benefits associated with hybrid electric jet is that it provides the flexibility during configuration and operation. For instance, the electric propulsion can be used continuously throughout flight or for specific sections of the flight plan where the demand for power consumption is high. Furthermore, there is the another feature that help in increasing the performance of the aircraft by integrating the energy storage systems along with the gas turbine driven generators, which also help in minimizing the level of redundancy.

Market Dynamics

High-power electronics are expected to emit an immense amount of heat. A hybrid electric jet emits 50 to 800 KW of heat in flight. This huge amount of heat can have substantial impact on the weight of aircraft, along with its performance, which is expected to restrain hybrid electric jet market growth. Furthermore, hybrid electric jets are significantly lower specific energy as compared to the conventional jets propelled by fossil fuel. Moreover, it has lower sensitivity to atmospheric conditions. These factors are expected to limit the growth opportunity of the global hybrid electric jet market over the forecast period.

Global Space Industry Market and Technology Forecast to 2026: By Region (North America, Europe, Asia, Middle East, RoW), By Sector (Payload, Orbit, Launch Platform, Launch Vehicle) and By End-Use (Civil, Commercial, Military)

Published by Market Forecast

Pub. Date 2018/04/16

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www.giiresearch.com/ce/630751

The Space Industry is emerging as one of the most lucrative industry globally. The Space Industry, is valued at US\$ 360 billion in 2018, is projected grow at a CAGR of 5.6%, to value US\$ 558 billion by 2026. Demand for nano-satellites and re-usable launch vehicle systems is anticipated to be driven by the massive investment made by countries like US, China, Russia and the European Union in the development of next generation satellite systems and the large scale procurement of such systems by countries like Saudi Arabia, India, Japan and South Korea. The United States is the largest spender in the domain with China, European Union, India, Russia, Japan and South Korea anticipated accounting for the bulk of spending.

In terms of categories, nano satellites is expected to account for the highest proportion of spending, followed by markets for reusable launch vehicles, especially those vehicles that can place payloads in LEO orbit. The market for Satellites is anticipated to be the largest category primarily due to the ongoing procurement of such systems by countries of the Asia Pacific, North America and European regions.

Global Aerospace Robotics Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/16

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USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/633219

The scope of the report includes revenue generated by sales to manufacturers in the aerospace industry, including aerospace component manufacturers.

Technavio's analysts forecast the global aerospace robotics market to grow at a CAGR of 5.33% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global aerospace robotics 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.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, Global Aerospace Robotics Market 2018-2022, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Global Drone Identification Systems Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

Pub. Date 2018/04/13

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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/631734

Drone identification systems include anti-drone systems used by end-users to detect, classify, and mitigate unmanned aerial vehicles (UAVs) that are a threat to them.

Technavio's analysts forecast the global drone identification systems market to grow at a CAGR of 24.25% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global drone identification systems 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.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, *Global Drone Identification Systems Market 2018-2022*, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Commercial Aircraft Modernization, Upgrade & Retrofit Market Report 2018-2028: Forecasts by Aircraft Type, by Work Type, by Region, plus Profiles of Leading Companies, Contracts, Programmes & New Technologies

Published by Visiongain Ltd

Pub. Date 2018/04/12

Price

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

www.giiresearch.com/ce/248647

This brand new report on the commercial aircraft Modernisation upgrade and retrofit market features market sizing, forecasts and detailed contract and company information. The global commercial aircraft Modernisation upgrade and retrofit market will reach \$10.78 billion in 2018.

Are you Interested or involved in the commercial aircraft Modernisation upgrade and retrofit market? Visiongain has produced an in-depth market research report into the commercial aircraft Modernisation upgrade and retrofit market and its effect upon the overall aviation sector. Work types such as avionics, airframes and interiors are covered, whilst profiles of leading national/regional markets offer you insights into region-specific opportunities and developments.

Aircraft Lightning Protection Market by Application (Test Service, Lightning Detection & Warning, Lightning Protection), Aircraft Type (Fixed-wing, Rotary-wing, UAVs), End User (Civil, Military), Fit (Linefit, Retrofit), Region - Global Forecast to 2022

Published by MarketsandMarkets

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

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www.giiresearch.com/ce/626498

The aircraft lightning protection market is projected to grow from USD 4.10 billion in 2017 to USD 5.52 billion by 2022, at a CAGR of 6.13% between 2017 and 2022. The increase in the number of orders for new aircraft across the globe is one of the key factors driving the growth of the aircraft lightning protection market. Airlines are demanding lightweight and fuel-efficient aircraft with enhanced engine efficiency to reduce operational cost and increase profit margins, which is resulting in aircraft modernization programs. However, the existing backlog in aircraft deliveries can restrain the growth of the aircraft lightning protection market.

Based on application, the test services segment is estimated to lead the aircraft lightning protection market in 2017.

Based on application, the testing service segment is estimated to lead the aircraft lightning protection market in 2017. The testing of aircraft becomes crucial to determine manufacturing defects in aircraft and their components. The testing procedure involves inspection of fuel tanks, avionics, antennas, radomes, and other components of aircraft. It allows aircraft manufacturers to rectify errors and upgrade equipment to ensure safe aircraft operations.

Command and Control Systems Market by Platform (Airborne C2, Land C2, Maritime C2, Space C2), Solution (C2 Hardware, C2 Software, C2 Services), Application (Defense, Commercial), and Region (NA, EU, APAC, ME, Row) - Global Forecast to 2022

Published by MarketsandMarkets

Pub. Date 2018/04/10

Price

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www.giiresearch.com/ce/626289

The command and control systems market is estimated at USD 29.10 billion in 2017 and is projected to reach USD 35.65 billion by 2022, at a CAGR of 4.15% from 2017 to 2022. Command and control systems provide situational awareness of battlefield events to military commanders. These systems provide them the capability to strategically plan and manage military units on battlefields.

Various upcoming applications of command and control systems include installations in critical infrastructure, homeland security, and transportation sectors.

The commercial segment is projected to grow at the highest CAGR in the command and control systems market during the forecast period

Commercial applications are segmented into critical infrastructure, transportation, industrial, and others. The critical infrastructure sector is a major contributor to the growth of the commercial segment. These systems are installed in power plants, offshore oil & gas installations, and research labs. Traffic management and signaling in transportation systems have found wide usage of these systems in railway Communication Based Train Control (CBTC), Air Traffic Management (ATM), and Vessel Traffic Management (VTM) which are the highest-growing applications. Other emerging applications, such as security management in smart cities is a growing contributor to the commercial application.

Global Aviation MRO Logistics Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

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USD 2500 PDF by E-mail (Single User License) ~

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www.giiresearch.com/ce/631713

The global aviation maintenance, repair, and overhaul (MRO) logistics market consists of many logistics service providers. These providers offer supply chain services to MRO service companies and airline operators, through the procurement of spare parts and components necessary for the MRO of aircraft. The logistics services include order fulfillment and inventory management.

Technavio's analysts forecast the global aviation MRO logistics market will register a revenue of about 18 billion by 2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global aviation MRO logistics 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.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Global Airborne ISR Market 2018-2022

Published by TechNavio (Infiniti Research Ltd.)

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Price

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USD 5000 PDF by E-mail (Global License)

www.giiresearch.com/ce/340617

Airborne intelligence, surveillance, and reconnaissance (ISR) is used to perform military and security operations to improve the situational awareness for military personnel protection.

Technavio's analysts forecast the global airborne ISR market to grow at a CAGR of 4.67% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global airborne ISR 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.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Global Submarine Combat Systems Market Research Report, Insights, Opportunity, Analysis, Market Shares And Forecast 2017 - 2023

Published by Occams Business Research & Consulting Pvt. Ltd.

Pub. Date 2018/04/06

Price

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www.giiresearch.com/ce/624205

Submarine combat system use sensor technology and powerful computer for tracking and guiding weapons to destroy the enemy target. The combat system supports in the transformative and reactive operating processes and gives rise to basic control hierarchy. The global submarine combat systems market is expected to rise with the CAGR of about 15% during the forecast period. Increasing importance of submarines in naval warfare, ongoing submarine upgradation programs and increasing investments in maritime security are the key driving factors for the growth in the market. However, cutting of defense budgets in developed economies is hindering the market growth of submarine combat systems globally.

Asia-pacific accounted for the largest market share in terms of revenue for the submarine combat systems market in 2016 followed by North America and Europe. The Asia-Pacific region is projected to dominate the submarine combat systems market during the forecast period. In addition, localization of submarine manufacture and submarine based combat systems are the key drivers for the growth of this market in this region. Further, Europe is expected to witness highest growth in the market during the forecast period.

Unmanned Traffic Management (UTM) Market by End Use (Agriculture, Logistic, Surveillance), Solution (Communication, Navigation, Surveillance), Component (Hardware, Software, Service), Type (Persistent, Non-Persistent), Region - Global Forecast to 2025

Published by MarketsandMarkets

Pub. Date 2018/04/06

Price

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www.giiresearch.com/ce/625185

The unmanned traffic management market is estimated to be USD 538.2 million in 2018 and is projected to reach USD 1,960.6 million by 2025, at a CAGR of 20.28% from 2018 to 2025. The unmanned traffic management market is anticipated to witness strong growth over the next few decades on account of the increasing need for safe and efficient unmanned aircraft operations. The increasing adoption of unmanned aircraft in commercial applications is further expected to boost the market growth from 2018 to 2025.

"Based on component, the services segment is estimated to lead the unmanned traffic management market in 2018."

Based on component, the services segment is estimated to lead the unmanned traffic management market in 2018. The growth of this segment can be attributed to the increased use of UTM services in various application areas, such as weather, flight information, emergency response, network & connectivity, and communication.

Global UAV Sense and Avoid Systems Market - Analysis & Forecast 2017-2022: Focus on Application and Technology

Published by BIS Research Private Limited

Pub. Date 2018/04/06

Price

USD 4499 Unprintable PDF by E-mail (Single User License) ~

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www.giiresearch.com/ce/361954

The demand for sense and avoid systems used in UAVs is rapidly increasing among different applications across the globe. The market is driven by number of factors such as rise in the demand of autonomous drone for beyond visual line of sight operations. The UAVs equipped with sense and avoid systems are increasingly being adopted in commercial as well as non-commercial applications.

The UAV sense and avoid systems market is growing at a robust growth rate since the past few years. The technology of sensing and avoiding any obstacle has considerably improved over the years. Their increased adoption across commercial and non-commercial applications, and stringent rules and regulations imposed by governments of various countries for the safety of UAVs, are the two significant factors driving the demand in UAV sense and avoid systems market. However, factors such as communicational constraints, lower efficiency of sense and avoid systems, and miniaturizing collision avoidance system for small UAVs are some of the prominent challenges in the UAV sense and avoid systems market. On the other hand, increasing technological advancements to build fully autonomous drones, and demand of sense and avoid technologies for swarm drones are expected to open several future opportunities for the growth of the UAV sense and avoid systems market.

Global Critical Infrastructure Protection Market By Component (Security Technologies & Services), By Application (Energy & Power, Transportation Systems, etc), By Region (North America, Europe, etc.), Competition Forecast & Opportunities, 2012-2022

Published by TechSci Research

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www.giiresearch.com/ce/624725

According to "Global Critical Infrastructure Protection Market By Component, By Application, By Region, Competition Forecast & Opportunities, 2012-2022", critical infrastructure protection market is projected to grow at a CAGR of over 8% by 2022, on account of growing demand and adoption of advanced security solutions and rising number of cyber-attacks across the globe. Moreover, increasing government focus on development of smart cities, globally; growing implementation of IoT technology and digitalization; and rising adoption of cloud computing are expected to further boost the global critical infrastructure protection market in the coming years. Global critical infrastructure protection market is controlled by these major players, namely - IBM Corporation, Honeywell International, Inc., Robert Bosch GmbH, Raytheon Company, Northrop Grumman Corporation, Leidos Holdings, Inc., General Dynamics Information Technology, Inc., Johnson Controls International Plc, Lockheed Martin Corporation, and Symantec Corporation.

Global Light Weapons Market: Focus on Weapon Type and End User - Analysis and Forecast 2017 to 2021

Published by BIS Research Private Limited

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Price

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www.giiresearch.com/ce/624180

The demand for light weapons is swiftly increasing among different end-users across the globe. The market is driven by several factors, such as increasing terrorist incidents, rising instability in Middle-East and Africa, and military modernization programs, among others. The light weapons market accounted for a market value of \$10.21 billion in 2016, with military end-user holding the highest share.

The Global light weapons market has exhibited a moderate growth in the recent past. Usage of light weapons in armed forces has increased over the years with advancements in technology. The increasing land disputes across the borders, rise in conflicts, and terrorism activities and rising defense spending are the factors for the growth of global light weapons market. Furthermore, low cost, lethality, portability, and simplicity of weapons have increased their adoption in armed forces as well as civilians. The demand for light weapons has experienced a significant rise in the recent years, and the trend is anticipated to continue in the future, owing to the changing nature of warfare and growing conflicts across the globe. The rise in demand of light weapons across emerging nations and military modernization programs are expected to open several new opportunities for light weapons market in the years to come.

Global Airborne LiDAR System Market: Focus on Hardware, Software and Services, Platforms and End Users - Analysis and Forecast 2017 to 2021

Published by BIS Research Private Limited

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Price

USD 4499 Unprintable PDF by E-mail (Single User License) ~

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www.giiresearch.com/ce/624179

The airborne LiDAR system market has witnessed a high growth rate owing to significant demand for airborne imaging systems across the globe, owing to the technical superiority of LiDARs as compared to conventional sensors, such as radar and camera, and rise in the demand for miniaturized Micro-Electro Mechanical Systems (MEMS) sensors. The recent innovations in LiDAR equipment and services enable the airborne LiDAR technology to reach a wider segment of consumers in the industry. The companies are developing relatively low-cost, compact, and lightweight airborne LiDAR systems, which facilitate the enhanced remote sensing services as compared to the traditional technologies. This, in effect, is expected to increase competition soon as well as facilitate the utilization of airborne LiDAR system for varied applications, including forestry management and planning, flood modelling, pollution modelling, mapping and cartography, urban planning, coastline management, and transport planning, among others.

Wireless Fire Detection System Market Size By Component, By Product, By Model, By Installation Type, By Application, Industry Analysis Report, Regional Outlook, Application Potential, Competitive Market Share & Forecast, 2018 - 2024

Published by Global Market Insights Inc.

Pub. Date 2018/04/05

Price

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www.giiresearch.com/ce/633407

Wireless Fire Detection System Market is projected to surpass 4 million units by 2024. Advancements in networking infrastructure and penetration of IoT devices across the globe are propelling the wireless fire detection system market demand. Additionally, government regulations for fire safety have led to several industry verticals, such as commercial building and manufacturing sector, to adopt these advanced technologies so as to minimize the financial, infrastructural, and human losses.

Increasing demand for safety & security has given rise to technological advancements such as video surveillance and intrusion detection. Manufacturers have started integrating multiple devices and technologies, which are contributing to the growing adoption of these devices. Additionally, these devices are inexpensive and provide enhanced aesthetics, flexibility, and lesser interruption during installation as there are no cable and drills requirements. Ease and convenience of installation will bode well for the wireless fire detection system market.

Global Critical Infrastructure Protection Market 2018-2028

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www.giiresearch.com/ce/354441

The Global Critical Infrastructure Protection (CIP) market is expected to be worth more than US\$92 billion in 2018 and is expected cross US\$118 billion by 2028, representing a CAGR of more than 2.4% during the forecast period. The majority of CIP programs that have been initiated or revised in recent times have focused on adopting a risk management approach.

Under this approach, the focus is on executing previously set goals in addition to identifying major markets in the world, such as North America, Europe and Asia Pacific. It is continuously engaged in identifying major security assets, analyzing risks and formulating strategies, in order to prioritize for these mitigating risks.

Cumulatively, the global market for military critical infrastructure protection is projected to value over US\$1.1 trillion during the forecast period and is expected to be dominated by North America, followed by Europe and Asia Pacific. North America, which has traditionally been the largest spender in the CIP market, is projected to garner a share of about 33% during 2018-2028.

Global Armor Materials Market - Segmented by Type, Application, and Geography - Growth, Trends and Forecast (2018 - 2023)

Published by Mordor Intelligence LLP

Pub. Date 2018/04/05

Price

USD 4250 PDF by E-mail (Single User License) ~

USD 8750 PDF by E-mail (Corporate License)

www.giiresearch.com/ce/568566

The growth in the airborne ISR market is driven by increased acquisitions of UAVs. Within that, segmented unmanned aerial combat vehicles will be one of the fastest growing sectors. Middle Eastern and Eastern European countries, on account of the need for better border protection and surveillance due to terrorist activities, political and religious clashes, will be one of the fastest growing regions in the air-based platforms segment.

Advances in UAV Technology

Unmanned vehicles are being used for wide variety of missions. Primarily they are being used for ISR, long duration missions where data collection is very much needed. In future they are expected to move to cargo transportation and more manned-unmanned teaming where they can act as extensions for a manned aircraft.

US Air Force currently flies, MQ-9 Reaper, MQ-1 Predator, and RQ-4 Global Hawk drones remotely using US pilots to navigate from a ground control station. The new strategy expects that additional unmanned platforms and existing UAS will be engineered to perform a wider range of functions without needing human intervention - such as data analysis. US Air Force started developing the C-17 cargo planes for unmanned missions, which allows the aircraft to reach high-risk forward locations with weapons, supplies and ammunition which is expected to drive the ISR market in the cargo division.

Electric Aircraft Market by Aircraft Type (Ultralight Aircraft, Light Jet), Component (Battery, Electric Motor), Technology (Hybrid and All Electric), Range (Less than 500 Km and More than 500 Km), and Region - Global Forecast to 2023

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The electric aircraft market is projected to grow from an estimated USD 99.3 million in 2018 to USD 121.8 million by 2023, at a CAGR of 4.17% from 2018 to 2023. Lower cost of ownership of electric aircraft and advantages of electric aircraft over traditional aircraft are key factors driving the growth of the electric aircraft market.

Based on component, the others segment is estimated to account for the largest share of the electric aircraft market in 2018.

Based on the component, the others segment is estimated to account for the largest share of the electric aircraft market in 2018. The others segment include electric ducted fans and power electronics. The others segment include electric ducted fans and power electronics. Power electronics are used to power all crucial aircraft components, including flight control actuation, environmental control systems, utility functions, and cabin pressurization, which were conventionally controlled by hydraulic and pneumatic means. Electric ducted fans use multiple propeller blades attached to a single electric motor in an aircraft.

Global Network Enabled Weapons (NEW) Market 2018-2022

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NEWs are an emerging class of precision-guided munitions that are derivatives of conventional GPS-guided weapons. These weapons can feature the capability of altering or updating their respective targeting coordinates during mid-flight.

Technavio's analysts forecast the global network enabled weapons (NEW) market to grow at a CAGR of 13.84% during the period 2018-2022.

Covered in this report

The report covers the present scenario and the growth prospects of the global network enabled weapons (NEW) 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.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Military Drone/Unmanned Aerial Vehicle Market Size By Product, By Technology, By Range, By Maximum Take-Off Weight, By Application, Industry Analysis Report, Regional Outlook, Growth Potential, Competitive Market Share & Forecast, 2017 - 2024

Published by Global Market Insights Inc.

Pub. Date 2018/04/03

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USD 4500 PDF (Single User License) ~

USD 8500 PDF (Enterprise User License)

www.giiresearch.com/ce/633404

Military Drone Market is estimated to surpass the fleet of 18 thousand units with the revenue of over 13 billion by 2024. The increasing demand of the UAVs for combat and surveillance operations is the primary factor driving the market growth. The government across the countries are increasingly procuring the drones for enhancing their armed forces and safety and security. Moreover, the rise in internal and external threat across the globe and terrorist activities are also impacting the market to grow government sector. Furthermore, the rise in investment in the drone technology especially from developing economies for strengthening their military is increasing the need for drones. However, the safety and security issues associated with the drones is estimated to be the major constraint in the growth of the market. Also, the stringent regulations on the use of drones is impacting the market revenue.

The market of the drone used for VLOS operation are estimated to grow with the CAGR of 16.4% during the forecast period. The growth of the market is attributed to the demand of the VLOS drone in government applications such as traffic monitoring, police operations & law enforcement, and firefighting & disaster management application.

Aerospace Antimicrobial Coating Market Global Scenario, Market Size, Outlook, Trend and Forecast, 2016 - 2025

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USD 3195 Data Pack ~

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www.giiresearch.com/ce/629502

Global Aerospace Antimicrobial Coating Market is estimated to reach \$40.4 million by 2025; growing at a CAGR of 7.9% from 2017 to 2025. An antimicrobial surface comprises an antimicrobial agent which hinders the ability of microorganisms to grow on the surface of a material. A coating of chemical compound can be applied to a surface which is toxic to microorganism to restrict their growth. Growing worry for air passenger's health from damaging microorganisms in aircraft cabin, kitchen, and lavatories, among others is the key factor boosting the growth of the global aerospace antimicrobial coating market. Some of the trends that the market is observing comprise growing number of air passenger traffic in emerging nations as well as increase in investments in the commercial & general aviation sectors. With these trends, the market is likely to register high growth over the forecasted period.

ASIA PACIFIC SMART SECURITY MARKET FORECAST 2018-2026

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www.giiresearch.com/ce/565797

The Asia-Pacific smart security market is predicted to rise with a CAGR of 15.88% over the projected years of 2018-2026. Growing urbanization is a key factor increasing the demand for smart security solutions in the region.

MARKET INSIGHTS

In the Asia Pacific region, the respective governments are largely implementing smart cities projects. For example: the Indian government has invested \$15 billion in developing 100 smart cities. Even for the Chinese government, the installation of around 100 million advanced monitoring systems with real-time facial recognition throughout the country has majorly influenced the market growth. Although the prospects look good for the market, factors like a high cost of implementation, possible threat of cyber attacks and various privacy issues associated with the implementation of the technology might restrain the market growth.

COMPETITIVE INSIGHTS

International Business Machines (IBM) Corporation, Bosch Security Systems, Siemens Ag, Axis Communications Ab, Cisco Systems Inc, Thales Group, Hitachi Ltd, Ericsson Inc, Gemalto N.V, Tyco International Plc, Intellivision Corporation, Amano Mcgann Inc, and Honeywell International Inc are some of the noted players in this market.

EUROPE SMART SECURITY MARKET FORECAST 2018-2026*Published by Inkwood Research**Pub. Date 2018/04/02**Price**USD 1250 PDF (Single User License) ~**USD 2000 PDF (Enterprisewide License)*www.giiresearch.com/ce/565798

Europe smart security market is anticipated to account for the second-highest revenue share in the global market by the end of the forecast period of 2018-2026, by expanding at a CAGR of 14.92%.

MARKET INSIGHTS

The European Union's initiatives for implementing external border management by means of an integrated approach is a major driver for this region. The continuous industrial automation, huge smart city projects, and increasing internet of things (IOT) applications are introducing the market to newer opportunities. The United Kingdom contributed to the maximum market share in the year 2017. However, France is expected to grow at the highest CAGR over the forecast period. The recent terror attacks in Paris have caused the French government to increase their expenditure on security machinery to combat the potential threats. However, a lack of interoperability and complexities related to data collection & management are challenging the market's progress.

COMPETITIVE INSIGHTS

Siemens Ag, International Business Machines (IBM), Intellivision Corporation, Cisco Systems, Thales Group, Ericsson Inc, Honeywell International Inc, Axis Communications Ab, Bosch Security Systems, Nedap N.V, Nice Systems Ltd, and Amano Mcgann Inc are some of the reputed companies for this market.

NORTH AMERICA SMART SECURITY MARKET FORECAST 2018-2026*Published by Inkwood Research**Pub. Date 2018/04/02**Price**USD 1250 PDF (Single User License) ~**USD 2000 PDF (Enterprisewide License)*www.giiresearch.com/ce/565799

North America smart security market is expected to grow with an estimated CAGR growth of 15.22% during the forecast years of 2018-2026. The region accounted for the biggest market share of the overall smart security market in the year 2017.

MARKET INSIGHTS

The market is mainly advancing on the grounds of several government initiatives and increasing focus towards public safety. Countries such as the US and Canada are significantly investing in the improvement of their security measures. The rising digitalization in the region is compelling the market players to establish an integrated infrastructure, which in turn, is predicted to boost the demand of the market in the growing applications of IoT.

COMPETITIVE INSIGHTS

Companies like Cisco Systems Inc, Amano Mcgann Inc, Siemens Ag, Thales Group, International Business Machines (IBM) Corporation, Tyco International Plc, Intellivision Corporation, Axis Communications Ab, Bosch Security Systems, Ericsson Inc, Nedap N.V, and Hitachi and Honeywell International Inc are competing in this market.

Recent M&A Activities and Its Impact on the PPE Market

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The overall outlook for M&A activity continues to be positive as private equity investment in the space continues to grow at a healthy rate. The industry continues to be fragmented, which in turn provides an incentive to companies to consolidate. Additionally, companies are looking to become one-stop shop providers of PPE. Innovation continues to be incremental rather than groundbreaking. Acquisitions are unlikely to be driven by the need to acquire a new technology as the market is still in its acceptance of smart PPE. Product segments are in different stages of the maturity curve. For example, in Western Europe, gas detection, respiratory protection, industrial protective clothing, and fall protection are further along the maturity curve driving the need for further consolidation. Notable transactions in this period included 3M's acquisition of Scott Safety, Bunnell's acquisition of Tillman, MSA's acquisition of Globe Manufacturing, and Ansell's acquisition of Nitritex Limited. These acquisitions were mainly driven by the need to address gaps in the safety portfolio. Other factors that are likely to drive acquisitions are the need for geographic expansion. The regulatory framework is robust in North America, which has resulted in the emergence of a number of small PPE companies focused on niche areas. Additionally, there is expected to be further consolidation as the market continues to be very fragmented. In Europe, falling margins are expected to drive M&A activities. Companies are likely to spin off businesses that do not align with their overall growth strategy. Ansell's acquisition of Nitritex Limited was driven by the need to integrate a high-margin business into the product portfolio.

GLOBAL SMART SECURITY MARKET FORECAST 2018-2026

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Price

USD 2500 PDF (Single User License) ~

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www.giiresearch.com/ce/565800

The Global smart security market is set to rise at an estimated CAGR of 15.79% for the forecast period of 2018-2026. The market growth is mainly influenced by the growing urbanization, rising crimes, increasing demand for public safety and the numerous smart-city projects in emerging economies.

MARKET INSIGHTS

The global market for smart security is segmented on the basis of solutions and services. The solution segment includes surveillance systems, cyber security, biometric & authentication system and the critical infrastructure which are further sub-divided into ports, airports & railways and energy utilities. The market by services is further segmented into cloud services, support & maintenance services, and consulting services.

REGIONAL INSIGHTS

The global smart security market commands over regions like North America, Europe, Asia-Pacific and the rest of world. The Asia-Pacific market is predicted to progress at the fastest rate over the forecast period. The market is primarily being driven by rising number of smart city projects across the region. On the other hand, it is the North America region which accounted for a major market share of nearly xx% in the year 2017. The market growth can be attributed to the heavy investments by the government to boost the nation's security.

Global Oil & gas Drone Services Market - Growth, Trends, and Forecast (2018 - 2023)

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www.giiresearch.com/ce/629118

Unmanned aerial systems (UAS) or unmanned aerial vehicles (UAV), commonly known as drones, are equipped with cameras and sensors, such as gas detectors, infrared or laser pulses. They are proving to be beneficial in the energy sector. The oil & gas industry, both upstream and downstream, is expected to benefit significantly from the advantages that drones can provide. Drones can reach otherwise unreachable places and collect the required data faster than the manual techniques.

The oil & gas industry relies heavily on the building of infrastructure, for the safe transportation of large quantities of potentially hazardous or environmentally damaging chemicals across borders and continents. The political and economic differences could always pose a threat to infrastructure. Therefore, oil & gas companies are expected to emerge as one of the prime users of drones. In addition to differences, the exploration and production (E&P) activities often tend to take place offshore or in sparsely populated areas. Sending inspection crews to such far off areas and onto difficult terrains can be expensive and dangerous. In such cases, the deployment of drones offers the maximum advantage of risk mitigation.

Global Offshore Helicopters Market - Growth, Trends, and Forecast (2018 - 2023)

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USD 8750 PDF by E-mail (Corporate License)

www.giiresearch.com/ce/625886

The downturn in the oil & gas industry had led to severe cuts in expenditure over exploration, production and maintenance activities across the globe, thereby adversely affecting the offshore helicopters market. In addition, the global helicopter fleet utilization hit a low of 54% in 2017 due to falling demand and increased supply from orders placed pre-downturn. As a result, oil companies required fewer journeys offshore which led to many airframes to be put into storage. However, with the recovery of oil prices to sustainable levels coupled with increased spending for offshore project development and maintenance activities, especially in the deep-water exploration and production (E&P) operations, the offshore helicopter services are expected to grow substantially during the forecast period.

The global oil glut has led the offshore helicopters industry to look for diversification of its business base to sustain in the market. As a result, the market players have started upgrading their global fleet to capture emerging markets, such as the offshore wind market, search, and rescue (SAR) operations and emergency medical services (EMS) markets, for new sources of revenue.

3D printing in Aerospace

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The "3D Printing in Aerospace- Handbook of all Global inventions and recommendations" is a professional and in-depth study on the current state of the 3D printing technology in Aerospace sector.

The report provides overall trends in the domain of 3D printing in the aerospace industry thus highlighting the technology evolution (patent filing trends), primary countries of research, major market geographies, existing collaborations and opportunities, new entrants, key patents, most active law firms, prominent inventors and important IPC classes as well as key player's IP position in the domain of 3D printing.

The report focuses on detailed technology analysis of patents and applications published in the technology domain thus highlighting the focus of patents and applications relating to the production methods used in 3D printing, scanning and modelling techniques disclosed, materials used for 3D printing, applicable products being targeted and technical challenges faced.

Asia-Pacific Offshore Helicopters Market - Growth, Trends, and Forecast (2018 - 2023)

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www.giiresearch.com/ce/356923

Asia-Pacific is one of the leading regions for growth in offshore oil & gas development. Asia-Pacific has been second only to North America since 2013 in terms of new helicopter deliveries, with 26.4% of new deliveries taken up only by Asia-Pacific helicopter services operators in 2015. The offshore helicopters delivery share to the region in 2016 crossed 31.8% (YTD), ahead of both North American and European regions, each with around 27% share. The growth is mainly attributed to rising demands of fixed-wing and rotary-wing helicopters from the regional oil & gas operators for drilling and maintenance activities for offshore oil & gas installations.

Along with a quest to reduce oil import bill and to become self-sustained by promoting domestic oil production, the countries in the Asia-Pacific region have a rising demand for offshore helicopter fleet used for regional search and rescue (SAR) and emergency medical services (EMS). Moreover, the depleting fleet of old aircrafts in the region and the rising airspace safety regulations offers a promising market for the OEMs to provide their modern fleet of aircrafts.

Europe Offshore Helicopter Market - Growth, Trends, and Forecast (2018 - 2023)

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Price

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www.giiresearch.com/ce/356926

Europe continues to contribute significantly to the global offshore helicopter services market, in terms of the revenue share. The European region accounts for around 9% of global oil reserves and 30% of natural gas reserves. Offshore areas around Europe, particularly in the United Kingdom's North Sea and the Norwegian Continental Shelf are some of the most active non-OPEC areas promoting exploration, production, and maintenance activities. However, a decline in the crude oil prices has taken a heavy toll on European helicopter service providers, with prominent end users in the oil & gas industry looking for significant cost reduction in the offshore E&P expenditure. With the recovery of oil prices to sustainable levels and increased spending for offshore project development and maintenance activities, especially in the deepwater exploration and production (E&P) operations, the offshore helicopter services in European region are expected to register healthy growth during the forecast period.

The significant downturn witnessed by the oil & gas industry has led the regional offshore helicopter service providers to look for diversified and lucrative end-user sectors, such as search and rescue (SAR), offshore wind market, and emergency medical services (EMS).

South America Offshore Helicopter Services Market - Growth, Trends, and Forecast (2018 - 2023)

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Price

USD 3850 PDF by E-mail (Single User License) ~

USD 8250 PDF by E-mail (Corporate License)

www.giiresearch.com/ce/629132

The downturn in the offshore oil & gas industry, due to a decline in crude oil price in the past, has affected the markets worldwide, including South America. The demand for offshore helicopters is expected to record slow growth in South America, over a short term. However, with stable political situation and emerging offshore field development in Guyana, the offshore helicopters market is expected to register significant growth in the long run. Moreover, the increasing expenditure for the offshore oil & gas exploration & production (E&P) activities, coupled with increasing political stability across the region, especially in Venezuela and Brazil, is expected to drive the offshore helicopters services market during the forecast period.

Efforts are being put in, to promote the offshore oil & gas exploration activities in the region, in order to increase the national revenues.

Argentina is planning to announce bidding process for three offshore basins, from July through November 2018. The exploration rights for blocks on offer include 130,000-square km Argentina Basin, 90,000-square km Malvinas West Basin, and 5,000 square kilometers in the Austral Basin. The Colombian government, which was primarily focused on onshore reserves, is now undertaking certain legislative changes, to promote offshore E&P activities during the forecast period.

North America Offshore Helicopter Market - Growth, Trends, and Forecast (2018 - 2023)

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www.giiresearch.com/ce/356925

North America continues to remain as a potential region for the offshore helicopter services industry. Combined with revenues from European countries, North America grosses more than half of the total revenue for the offshore helicopter services industry. With the rising demand for energy, offshore activities, particularly exploration and production (E&P) activities by major international offshore energy companies in the offshore North America regions have recorded significant growth. This has benefitted the offshore helicopters services industry, as it is an essential part of the offshore oil & gas logistics operations, especially in the Gulf of Mexico (GOM) region. Moreover, the increased E&P activities across the deepwater and ultra-deepwater fields in GOM region, owing to the recovery of crude oil prices to sustainable levels, is expected to further drive the market during the forecast period.

Gulf of Mexico Poised to Play a Vital Role

The US GOM is the most important offshore energy producing region, and one of the most mature oil provinces in North America. The region consists of both shallow and deepwater. A substantial number of producing fields in shallow water are in their declining phase, and therefore, the oil & gas companies are planning to move toward deepwater from shallow water.
