

Military and Defense Sensor Market By Platform (Land, Naval, Airborne), By Component (Software, Hardware), By Application (Combat Operations, Target Recognition, Electronic Warfare, Communication and Navigation, Command and Control, Surveillance and Monitoring, Intelligence and Reconnaissance): Global Opportunity Analysis and Industry Forecast, 2021-2031

Market Report | 2023-02-01 | 261 pages | Allied Market Research

AVAILABLE LICENSES:

- Cloud Access License \$3110.40
- Business User License \$5157.00
- Enterprise License \$8640.00

Report description:

The market for military and defense sensors is expanding significantly due to rising purchases of defense systems by militaries around the world. A weapon, aircraft, or electronic device's military and defense sensors are a subsystem that detects changes in its environment or scans it to acquire data. The data is subsequently transmitted to another electronic system, often a computer processor, for processing and data analysis. For navigation, weapon control, active guidance, target tracking, and environmental awareness, military and defense sensors are employed in missiles, battle, airplanes, and radars among other systems. Fog, smoke, and dust can also be detected using sensors like electro-optical and others.

Moreover, factors such as emerging applications of radar in remote sensing, rise in defense expenditure globally, and rise in adoption of sensors in wearable devices drive the growth of the military and defense sensor market. However, incorporation of sensors in devices incurs extra value and reduces life of device, and policies on development and transfer of weapon system or related technology are anticipated to hamper the growth of the military and defense sensor market. Further, surge in military modernization programs, and high demand for autonomous security and surveillance systems are expected to create numerous opportunities for military and defense sensor market expansion. The military and defense sensor market are segmented on the basis of platform, component, application, and region. By platform, it is divided into land, naval, and airborne. By component, it is classified into software, and hardware.

By application, it is categorized into combat operations, target recognition, electronic warfare, communication and navigation, command and control, surveillance and monitoring, and intelligence and reconnaissance. By region, it is analyzed across North

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

America, Europe, Asia-Pacific, and LAMEA.

Thales Group, BAE Systems plc., Raytheon Company, Curtiss-Wright Corporation, Honeywell International Inc., Esterline Technologies Corporation, Kongsberg Gruppen ASA, TE Connectivity Ltd., Lockheed Martin Corporation, and Rockwell Solutions are some of the significant businesses profiled in the military and defense sensor market share.

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the military and defense sensor market analysis from 2021 to 2031 to identify the prevailing military and defense sensor market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the military and defense sensor market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global military and defense sensor market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Application

- Combat Operations
- Target Recognition
- Electronic Warfare
- Communication and Navigation
- Command and Control
- Surveillance and Monitoring
- Intelligence and Reconnaissance

By Platform

- Land
- Naval
- Airborne

By Component

- Software
- Hardware

By Region

- North America
 - U.S.
 - Canada
 - Mexico
- Europe
 - UK
 - Russia
 - France
 - Germany
 - Rest of Europe
- Asia-Pacific
- China

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- India
- Japan
- South Korea
- Rest of Asia-Pacific
- LAMEA
- Latin America
- Middle East
- Africa
- Key Market Players
- Honeywell International Inc.
- TE Connectivity Ltd.
- Lockheed Martin Corporation
- BAE Systems plc
- Curtiss-Wright Corporation
- Thales Group
- Raytheon Technologies Corporation
- Transdigm Group, Inc.
- KONGSBERG
- Rock West Solutions

Table of Contents:

CHAPTER 1: INTRODUCTION

- 1.1. Report description
- 1.2. Key market segments
- 1.3. Key benefits to the stakeholders
- 1.4. Research Methodology
 - 1.4.1. Primary research
 - 1.4.2. Secondary research
 - 1.4.3. Analyst tools and models

CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. CXO Perspective

CHAPTER 3: MARKET OVERVIEW

- 3.1. Market definition and scope
- 3.2. Key findings
 - 3.2.1. Top impacting factors
 - 3.2.2. Top investment pockets
- 3.3. Porter's five forces analysis
 - 3.3.1. Bargaining power of suppliers
 - 3.3.2. Bargaining power of buyers
 - 3.3.3. Threat of substitutes
 - 3.3.4. Threat of new entrants
 - 3.3.5. Intensity of rivalry
- 3.4. Market dynamics
 - 3.4.1. Drivers
 - 3.4.1.1. Emerging applications of radar in remote sensing
 - 3.4.1.2. Rise in defense expenditure globally
 - 3.4.1.3. Rise in adoption of sensors in wearable devices

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

3.4.2. Restraints

3.4.2.1. Incorporation of sensors in devices incurs extra value and reduces life of device

3.4.2.2. Policies on development & transfer of weapon system or related technology

3.4.3. Opportunities

3.4.3.1. Surge in military modernization programs

3.4.3.2. High demand for autonomous security and surveillance systems

3.5. COVID-19 Impact Analysis on the market

CHAPTER 4: MILITARY AND DEFENSE SENSOR MARKET, BY PLATFORM

4.1. Overview

4.1.1. Market size and forecast

4.2. Land

4.2.1. Key market trends, growth factors and opportunities

4.2.2. Market size and forecast, by region

4.2.3. Market share analysis by country

4.3. Naval

4.3.1. Key market trends, growth factors and opportunities

4.3.2. Market size and forecast, by region

4.3.3. Market share analysis by country

4.4. Airborne

4.4.1. Key market trends, growth factors and opportunities

4.4.2. Market size and forecast, by region

4.4.3. Market share analysis by country

CHAPTER 5: MILITARY AND DEFENSE SENSOR MARKET, BY COMPONENT

5.1. Overview

5.1.1. Market size and forecast

5.2. Software

5.2.1. Key market trends, growth factors and opportunities

5.2.2. Market size and forecast, by region

5.2.3. Market share analysis by country

5.3. Hardware

5.3.1. Key market trends, growth factors and opportunities

5.3.2. Market size and forecast, by region

5.3.3. Market share analysis by country

CHAPTER 6: MILITARY AND DEFENSE SENSOR MARKET, BY APPLICATION

6.1. Overview

6.1.1. Market size and forecast

6.2. Combat Operations

6.2.1. Key market trends, growth factors and opportunities

6.2.2. Market size and forecast, by region

6.2.3. Market share analysis by country

6.3. Target Recognition

6.3.1. Key market trends, growth factors and opportunities

6.3.2. Market size and forecast, by region

6.3.3. Market share analysis by country

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 6.4. Electronic Warfare
 - 6.4.1. Key market trends, growth factors and opportunities
 - 6.4.2. Market size and forecast, by region
 - 6.4.3. Market share analysis by country
 - 6.5. Communication and Navigation
 - 6.5.1. Key market trends, growth factors and opportunities
 - 6.5.2. Market size and forecast, by region
 - 6.5.3. Market share analysis by country
 - 6.6. Command and Control
 - 6.6.1. Key market trends, growth factors and opportunities
 - 6.6.2. Market size and forecast, by region
 - 6.6.3. Market share analysis by country
 - 6.7. Surveillance and Monitoring
 - 6.7.1. Key market trends, growth factors and opportunities
 - 6.7.2. Market size and forecast, by region
 - 6.7.3. Market share analysis by country
 - 6.8. Intelligence and Reconnaissance
 - 6.8.1. Key market trends, growth factors and opportunities
 - 6.8.2. Market size and forecast, by region
 - 6.8.3. Market share analysis by country
- CHAPTER 7: MILITARY AND DEFENSE SENSOR MARKET, BY REGION
- 7.1. Overview
 - 7.1.1. Market size and forecast By Region
 - 7.2. North America
 - 7.2.1. Key trends and opportunities
 - 7.2.2. Market size and forecast, by Platform
 - 7.2.3. Market size and forecast, by Component
 - 7.2.4. Market size and forecast, by Application
 - 7.2.5. Market size and forecast, by country
 - 7.2.5.1. U.S.
 - 7.2.5.1.1. Key market trends, growth factors and opportunities
 - 7.2.5.1.2. Market size and forecast, by Platform
 - 7.2.5.1.3. Market size and forecast, by Component
 - 7.2.5.1.4. Market size and forecast, by Application
 - 7.2.5.2. Canada
 - 7.2.5.2.1. Key market trends, growth factors and opportunities
 - 7.2.5.2.2. Market size and forecast, by Platform
 - 7.2.5.2.3. Market size and forecast, by Component
 - 7.2.5.2.4. Market size and forecast, by Application
 - 7.2.5.3. Mexico
 - 7.2.5.3.1. Key market trends, growth factors and opportunities
 - 7.2.5.3.2. Market size and forecast, by Platform
 - 7.2.5.3.3. Market size and forecast, by Component
 - 7.2.5.3.4. Market size and forecast, by Application
 - 7.3. Europe
 - 7.3.1. Key trends and opportunities
 - 7.3.2. Market size and forecast, by Platform

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 7.3.3. Market size and forecast, by Component
- 7.3.4. Market size and forecast, by Application
- 7.3.5. Market size and forecast, by country
 - 7.3.5.1. UK
 - 7.3.5.1.1. Key market trends, growth factors and opportunities
 - 7.3.5.1.2. Market size and forecast, by Platform
 - 7.3.5.1.3. Market size and forecast, by Component
 - 7.3.5.1.4. Market size and forecast, by Application
 - 7.3.5.2. Russia
 - 7.3.5.2.1. Key market trends, growth factors and opportunities
 - 7.3.5.2.2. Market size and forecast, by Platform
 - 7.3.5.2.3. Market size and forecast, by Component
 - 7.3.5.2.4. Market size and forecast, by Application
 - 7.3.5.3. France
 - 7.3.5.3.1. Key market trends, growth factors and opportunities
 - 7.3.5.3.2. Market size and forecast, by Platform
 - 7.3.5.3.3. Market size and forecast, by Component
 - 7.3.5.3.4. Market size and forecast, by Application
 - 7.3.5.4. Germany
 - 7.3.5.4.1. Key market trends, growth factors and opportunities
 - 7.3.5.4.2. Market size and forecast, by Platform
 - 7.3.5.4.3. Market size and forecast, by Component
 - 7.3.5.4.4. Market size and forecast, by Application
 - 7.3.5.5. Rest of Europe
 - 7.3.5.5.1. Key market trends, growth factors and opportunities
 - 7.3.5.5.2. Market size and forecast, by Platform
 - 7.3.5.5.3. Market size and forecast, by Component
 - 7.3.5.5.4. Market size and forecast, by Application
- 7.4. Asia-Pacific
 - 7.4.1. Key trends and opportunities
 - 7.4.2. Market size and forecast, by Platform
 - 7.4.3. Market size and forecast, by Component
 - 7.4.4. Market size and forecast, by Application
 - 7.4.5. Market size and forecast, by country
 - 7.4.5.1. China
 - 7.4.5.1.1. Key market trends, growth factors and opportunities
 - 7.4.5.1.2. Market size and forecast, by Platform
 - 7.4.5.1.3. Market size and forecast, by Component
 - 7.4.5.1.4. Market size and forecast, by Application
 - 7.4.5.2. India
 - 7.4.5.2.1. Key market trends, growth factors and opportunities
 - 7.4.5.2.2. Market size and forecast, by Platform
 - 7.4.5.2.3. Market size and forecast, by Component
 - 7.4.5.2.4. Market size and forecast, by Application
 - 7.4.5.3. Japan
 - 7.4.5.3.1. Key market trends, growth factors and opportunities
 - 7.4.5.3.2. Market size and forecast, by Platform

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 7.4.5.3.3. Market size and forecast, by Component
 - 7.4.5.3.4. Market size and forecast, by Application
 - 7.4.5.4. South Korea
 - 7.4.5.4.1. Key market trends, growth factors and opportunities
 - 7.4.5.4.2. Market size and forecast, by Platform
 - 7.4.5.4.3. Market size and forecast, by Component
 - 7.4.5.4.4. Market size and forecast, by Application
 - 7.4.5.5. Rest of Asia-Pacific
 - 7.4.5.5.1. Key market trends, growth factors and opportunities
 - 7.4.5.5.2. Market size and forecast, by Platform
 - 7.4.5.5.3. Market size and forecast, by Component
 - 7.4.5.5.4. Market size and forecast, by Application
 - 7.5. LAMEA
 - 7.5.1. Key trends and opportunities
 - 7.5.2. Market size and forecast, by Platform
 - 7.5.3. Market size and forecast, by Component
 - 7.5.4. Market size and forecast, by Application
 - 7.5.5. Market size and forecast, by country
 - 7.5.5.1. Latin America
 - 7.5.5.1.1. Key market trends, growth factors and opportunities
 - 7.5.5.1.2. Market size and forecast, by Platform
 - 7.5.5.1.3. Market size and forecast, by Component
 - 7.5.5.1.4. Market size and forecast, by Application
 - 7.5.5.2. Middle East
 - 7.5.5.2.1. Key market trends, growth factors and opportunities
 - 7.5.5.2.2. Market size and forecast, by Platform
 - 7.5.5.2.3. Market size and forecast, by Component
 - 7.5.5.2.4. Market size and forecast, by Application
 - 7.5.5.3. Africa
 - 7.5.5.3.1. Key market trends, growth factors and opportunities
 - 7.5.5.3.2. Market size and forecast, by Platform
 - 7.5.5.3.3. Market size and forecast, by Component
 - 7.5.5.3.4. Market size and forecast, by Application
- CHAPTER 8: COMPETITIVE LANDSCAPE
- 8.1. Introduction
 - 8.2. Top winning strategies
 - 8.3. Product Mapping of Top 10 Player
 - 8.4. Competitive Dashboard
 - 8.5. Competitive Heatmap
 - 8.6. Top player positioning, 2021
- CHAPTER 9: COMPANY PROFILES
- 9.1. Thales Group
 - 9.1.1. Company overview
 - 9.1.2. Key Executives
 - 9.1.3. Company snapshot
 - 9.1.4. Operating business segments
 - 9.1.5. Product portfolio

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 9.1.6. Business performance
- 9.1.7. Key strategic moves and developments
- 9.2. BAE Systems plc
 - 9.2.1. Company overview
 - 9.2.2. Key Executives
 - 9.2.3. Company snapshot
 - 9.2.4. Operating business segments
 - 9.2.5. Product portfolio
 - 9.2.6. Business performance
 - 9.2.7. Key strategic moves and developments
- 9.3. Raytheon Technologies Corporation
 - 9.3.1. Company overview
 - 9.3.2. Key Executives
 - 9.3.3. Company snapshot
 - 9.3.4. Operating business segments
 - 9.3.5. Product portfolio
 - 9.3.6. Business performance
 - 9.3.7. Key strategic moves and developments
- 9.4. Curtiss-Wright Corporation
 - 9.4.1. Company overview
 - 9.4.2. Key Executives
 - 9.4.3. Company snapshot
 - 9.4.4. Operating business segments
 - 9.4.5. Product portfolio
 - 9.4.6. Business performance
- 9.5. Honeywell International Inc.
 - 9.5.1. Company overview
 - 9.5.2. Key Executives
 - 9.5.3. Company snapshot
 - 9.5.4. Operating business segments
 - 9.5.5. Product portfolio
 - 9.5.6. Business performance
 - 9.5.7. Key strategic moves and developments
- 9.6. KONGSBERG
 - 9.6.1. Company overview
 - 9.6.2. Key Executives
 - 9.6.3. Company snapshot
 - 9.6.4. Operating business segments
 - 9.6.5. Product portfolio
 - 9.6.6. Business performance
 - 9.6.7. Key strategic moves and developments
- 9.7. TE Connectivity Ltd.
 - 9.7.1. Company overview
 - 9.7.2. Key Executives
 - 9.7.3. Company snapshot
 - 9.7.4. Operating business segments
 - 9.7.5. Product portfolio

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 9.7.6. Business performance
- 9.7.7. Key strategic moves and developments
- 9.8. Lockheed Martin Corporation
 - 9.8.1. Company overview
 - 9.8.2. Key Executives
 - 9.8.3. Company snapshot
 - 9.8.4. Operating business segments
 - 9.8.5. Product portfolio
 - 9.8.6. Business performance
 - 9.8.7. Key strategic moves and developments
- 9.9. Rock West Solutions
 - 9.9.1. Company overview
 - 9.9.2. Key Executives
 - 9.9.3. Company snapshot
 - 9.9.4. Operating business segments
 - 9.9.5. Product portfolio
 - 9.9.6. Key strategic moves and developments
- 9.10. Transdigm Group, Inc.
 - 9.10.1. Company overview
 - 9.10.2. Key Executives
 - 9.10.3. Company snapshot
 - 9.10.4. Operating business segments
 - 9.10.5. Product portfolio
 - 9.10.6. Business performance
 - 9.10.7. Key strategic moves and developments

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Military and Defense Sensor Market By Platform (Land, Naval, Airborne), By Component (Software, Hardware), By Application (Combat Operations, Target Recognition, Electronic Warfare, Communication and Navigation, Command and Control, Surveillance and Monitoring, Intelligence and Reconnaissance): Global Opportunity Analysis and Industry Forecast, 2021-2031

Market Report | 2023-02-01 | 261 pages | Allied Market Research

To place an Order with Scotts International:

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

ORDER FORM:

Select license	License	Price
	Cloud Access License	\$3110.40
	Business User License	\$5157.00
	Enterprise License	\$8640.00
		VAT
		Total

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

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

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-05-06"/>
		Signature	<input type="text"/>