Military Embedded Systems Market by Application (ISR, Communication, Computer, Cyber, Combat, Command & Control), Component (Processor, GPU, DPS, IP-Chip, Others), Platform (Land, Air, Naval), Architecture, and Region - Global Forecast to 2021

Description: "The military embedded systems market is projected to grow at a CAGR of 13.60% from 2016 to 2021"

The military embedded systems market is expected to grow from USD 71.29 billion in 2016 to USD 134.88 billion by 2021. The military embedded systems market is predominantly driven by factors, such as increased use of multicore technologies, emergence of modern warfare systems such as electronic warfare and network centric warfare systems, and rising demand for wireless and cloud computing technologies. One of the significant factors hampering the market growth is the requirement of a system's certification in case of system upgradation, which increases the expenses of the embedded system manufacturers.

"On the basis of platform, land is expected to be the largest segment during the forecast period"

Land based systems cover weapon systems, armored vehicles, soldier systems, and other autonomous systems which are highly dependent on embedded systems. These land based systems can be used for offensive or defensive purposes. Many countries, such as the U.S., the U.K., China, India, and Japan are continuously upgrading their systems to enhance warfare capabilities, with new technologies, either by investing in R&D or directly procuring defense equipment from manufacturers. These manufacturers provide standardized products which integrate with the existing systems. Therefore, increasing investments in the modernization of the military in various countries will directly impact the military embedded systems market.

"On the basis of application, the electronic warfare segment is projected to grow at the highest CAGR during the forecast period"

The electronic warfare segment of the military embedded systems market, by application, is anticipated to grow at the highest CAGR during the forecast period, due to advancements in capabilities of air defense, next generation aircraft, cruise missiles, and anti-stealth radars and munitions.

"North America is expected to be the largest market while Asia-Pacific region is expected to be the highest-growing market for military embedded systems market"

The market in North America is led by the U.S. Increasing investment in defense equipment, institutional reforms, and advanced military capabilities which use embedded systems, highlights the demand for electronic defense equipment in the North American region, and this will drive the military embedded systems market.

The market Asia-Pacific is estimated to be led by China. Factors such as the development of weapons systems, unmanned systems and the development of network centric warfare capabilities are increasing the demand for electronic defense equipment, which would drive the military embedded systems market.

Break-up of profile of primary participants for this report:

- By Company Type - Tier 1 - 35%, Tier 2 - 45%, Tier 3 - 20%
- By Designation - C level - 35%, Director level - 25%, Others - 40%,
- By Region - North America 45%, Europe 20% Asia-Pacific 30%, RoW 5%

The key players operational in the military embedded systems market include Kontron AG (Germany), Curtiss-Wright Corporation (U.S.), Microsemi Corporation (U.S.), Mercury Systems Inc. (U.S.) among others. Other components manufactures such as Xilinx, Inc. (U.S.), Radisys Corporation (U.S.), Concurrent Technologies Plc. (U.K.), and Eurotech S.P.A (Italy).

Study Coverage
The report analyzes the military embedded systems market on the basis of application (ISR, Communication, Computer, Cyber, Combat, Control & Command, Electronic Warfare), Platform (Land, Air, Naval), Architecture (Hardware, Software), Component (Microprocessor, GPU, Microprocessor, DSP, IP-Core Chips, Others). It maps these segments and subsegments across major regions, namely North America, Europe, Asia-Pacific, and the Rest of the World.

Reasons to buy the report:

From an insight perspective, the military embedded systems market report focuses on various levels of analysis - industry analysis, market share analysis of top players, and company profiles, which together comprise and discuss basic views on competitive landscape, high-growth regions, and countries, and their respective regulatory policies, drivers, restraints, and opportunities.

The military embedded systems market report provides insights on the following pointers:

- Market Penetration: Comprehensive mapping of competitive landscape and participants’ behavior in the military embedded systems market
- Market Sizing: Market size in both, financial year 2014-2015, and between 2016 and 2021
- Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the military embedded systems market
- Market overview: Market dynamics and subsequent analysis of associated trends, drivers, restraints, and opportunities prevailing in the military embedded systems market
- Market Development: Comprehensive information about lucrative markets by analyzing markets for military embedded systems across various regions
- Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the military embedded systems market
- Regional Analysis: Factors influencing the market shares of North America, Europe, Asia-Pacific, and Rest of the World
- Competitive Assessment: In-depth assessment of strategies, products, and manufacturing capabilities of leading market players.

Contents:

1 Introduction
1.1 Objectives of the Study
1.2 Market Definition
1.3 Study Scope
1.3.1 Markets Covered
1.3.2 Regional Scope
1.3.3 Years Considered for the Study
1.4 Currency & Pricing
1.5 Limitations
1.6 Market Stakeholders

2 Research Methodology
2.1 Research Data
2.2 Secondary Data
2.2.1.1 Key Data From Secondary Sources
2.3 Primary Data
2.3.1.1 Key Data From Secondary Sources
2.3.1.2 Breakdown of Primaries
2.4 Factor Analysis
2.4.1 Introduction
2.4.2 Demand Side Indicators
2.4.2.1 Rise in Defense Spending and Military Modernization Programs
2.4.2.2 Growth in Military Applications
2.4.2.3 Rising Demand for Unmanned Applications
2.4.3 Supply Side Indicators
2.4.3.1 Rise in Demand for Multicore Processors, Smart Devices, and Wireless Technologies
2.4.3.2 Increase in Research & Development Activities
2.5 Market Size Estimation
2.5.1 Bottom-Up Approach
2.5.2 Top-Down Approach
9 Military Embedded Systems Market, By Platform
9.1 Introduction
9.2 Land
9.3 Air
9.4 Naval

10 Military Embedded Systems Market, Hardware By Component
10.1 Introduction
10.2 Processor
10.2.1 Microprocessor
10.2.2 Microcontroller
10.3 Graphical Processing Unit
10.4 Digital Signal Processor
10.5 IP Core Chip
10.6 Others

11 Regional Analysis
11.1 Introduction
11.1.1 By Platform
11.1.2 By Application
11.1.3 By Architecture
11.1.4 By Component
11.2 North America
11.2.1 By Platform
11.2.2 By Application
11.2.3 By Architecture
11.2.4 By Country
11.2.4.1 U.S.
11.2.4.2 Canada
11.3 Asia-Pacific
11.3.1 By Platform
11.3.2 By Application
11.3.3 By Architecture
11.3.4 By Country
11.3.4.1 China
11.3.4.2 Japan
11.3.4.3 India
11.3.4.4 Rest of Asia-Pacific
11.4 Europe
11.4.1 By Platform
11.4.2 By Application
11.4.3 By Architecture
11.4.4 By Country
11.4.4.1 U.K.
11.4.4.2 Germany
11.4.4.3 France
11.4.4.4 Russia
11.4.4.5 Rest of Europe
11.5 Rest of the World (RoW)
11.5.1 By Platform
11.5.2 By Application
11.5.3 By Architecture

12 Competitive Landscape
12.1 Introduction
12.2 Competitive Scenario
12.3 Competitive Situations
12.3.1 Contracts & Partnerships
12.3.2 New Product Launches
12.3.3 Acquisitions & Collaborations

13 Company Profile
13.1 Introduction
13.2 Financial Highlights of Major Players in the Military Embedded Systems Market
(Business Overview, Products & Services, Key Insights, Recent Developments, SWOT Analysis, Ratio Analysis, View)
- 13.3 Curtiss-Wright Corporation
13.4 Kontron AG
13.5 Mercury Systems, Inc.
13.6 Microsemi Corporation
13.7 Xilinx, Inc.
13.8 Radisys Corporation
13.9 Concurrent Technologies PLC
13.10 Eurotech S.P.A.
13.11 Advantech Co. Ltd.
13.12 North Atlantic Industries, Inc.
- Details on Business Overview, Products & Services, Key Insights, Recent Developments, SWOT Analysis, View Might Not Be Captured in Case of Unlisted Companies.

List of Tables
Table 1 Segment Definition, By Component
Table 2 Segment Definition, By Application
Table 3 Region Wise Market Size of Network Centric Warfare Systems, 2016 vs 2021 (USD Million)
Table 4 Region Wise Market Size of Electronic Warfare Systems, 2016 vs 2021 (USD Million)
Table 5 Open Source Software Being Used By DoD, U.S.
Table 6 Analysis of COTS
Table 7 Patents for Embedded Systems Market
Table 8 Military Embedded Systems Market Size, By Application, 2014-2021 (USD Million)
Table 9 Intelligence, Surveillance, and Reconnaissance (ISR): Military Embedded Systems Market Size, By Region, 2014-2021 (USD Million)
Table 10 Communication: Military Embedded Systems Market Size, By Region, 2014-2021 (USD Million)
Table 11 Computers: Military Embedded Systems Market Size, By Region, 2014-2021 (USD Million)
Table 12 Cyber: Military Embedded Systems Market Size, By Region, 2014-2021 (USD Million)
Table 13 Combat: Military Embedded Systems Market Size, By Region, 2014-2021 (USD Million)
Table 14 Command and Control: Military Embedded Systems Market Size, By Region, 2014-2021 (USD Million)
Table 15 Electronic Warfare : Military Embedded Systems Market Size, By Region, 2014-2021 (USD Million)
Table 16 Military Embedded Systems Market Size, By Architecture, 2014-2021 (USD Million)
Table 17 Hardware: Military Embedded Systems Market Size, By Region, 2014-2021 (USD Million)
Table 18 Software: Military Embedded Systems Market Size, By Region, 2014-2021 (USD Million)
Table 19 Military Embedded Systems Market Size, By Platform, 2014-2021 (USD Million)
Table 20 Land: Military Embedded Systems Market Size, By Region, 2014-2021 (USD Million)
Table 21 Air: Military Embedded Systems Market Size, By Region, 2014-2021 (USD Million)
Table 22 Naval: Military Embedded Systems Market Size, By Region, 2014-2021 (USD Million)
Table 23 Military Embedded Systems Market Size, By Component, 2014-2021 (USD Million)
Table 24 Military Embedded Systems Market Size, By Region, 2014-2021 (USD Million)
Table 25 Military Embedded Systems Market Size, By Platform, 2014-2021 (USD Million)
Table 26 Military Embedded Systems Market Size, By Application, 2014-2021 (USD Million)
Table 27 Military Embedded Systems Market Size, By Architecture, 2014-2021 (USD Million)
Table 28 Military Embedded Systems Market Size, By Component, 2014-2021 (USD Million)
Table 29 North America: Military Embedded Systems Market Size, By Platform, 2014-2021 (USD Million)
Table 30 North America: Military Embedded Systems Market Size, By Application, 2014-2021 (USD Million)
Table 31 North America: Military Embedded Systems Market Size, By Architecture, 2014-2021 (USD Million)
Table 32 North America: Military Embedded Systems Market Size, Hardware By Component, 2014-2021 (USD Million)
Table 33 North America: Military Embedded Systems Market Size, By Country, 2014-2021 (USD Million)
Table 34 U.S. : Military Embedded Systems Market Size, By Platform, 2014-2021 (USD Million)
Table 35 U.S. : Embedded Systems Market Size, By Application, 2014-2021 (USD Million)
Table 36 Canada : Military Embedded Systems Market Size, By Platform, 2014-2021 (USD Million)
Table 37 Canada : Embedded Systems Market Size, By Application, 2014-2021 (USD Million)
Table 38 Asia-Pacific: Military Embedded Systems Market Size, By Platform, 2014-2021 (USD Million)
Table 39 Asia-Pacific: Military Embedded Systems Market Size, By Architecture, 2014-2021 (USD Million)
Table 40 Asia-Pacific: Military Embedded Systems Market Size, By Component, 2014-2021 (USD Million)
Table 41 Asia-Pacific: Military Embedded Systems Market Size, Hardware By Component, 2014-2021 (USD Million)
Table 42 Asia-Pacific: Military Embedded Systems Market Size, By Country, 2014-2021 (USD Million)
Table 43 China: Military Embedded Systems Market Size, By Platform, 2014-2021 (USD Million)
Table 44 China: Embedded Systems Market Size, By Application, 2014-2021 (USD Million)
Table 45 Japan: Military Embedded Systems Market Size, By Platform, 2014-2021 (USD Million)
Table 46 Japan: Embedded Systems Market Size, By Application, 2014-2021 (USD Million)
Table 47 India: Military Embedded Systems Market Size, By Platform, 2014-2021 (USD Million)
Table 48 India: Embedded Systems Market Size, By Application, 2014-2021 (USD Million)
Table 49 Rest of Asia-Pacific: Military Embedded Systems Market Size, By Platform, 2014-2021 (USD Million)
Table 50 Rest of Asia-Pacific: Military Embedded Systems Market Size, By Application, 2014-2021 (USD Million)
Table 51 Europe: Military Embedded Systems Market Size, By Platform, 2014-2021 (USD Million)
Table 52 Europe: Military Embedded Systems Market Size, By Application, 2014-2021 (USD Million)
Table 53 Europe: Military Embedded Systems Market Size, By Architecture, 2014-2021 (USD Million)
Table 54 Europe: Military Embedded Systems Market Size, Hardware By Component, 2014-2021 (USD Million)
Table 55 Europe: Military Embedded Systems Market Size, By Country, 2014-2021 (USD Million)
Table 56 U.K.: Military Embedded Systems Market Size, By Platform, 2014-2021 (USD Million)
Table 57 U.K.: Embedded Systems Market Size, By Application, 2014-2021 (USD Million)
Table 58 Germany: Military Embedded Systems Market Size, By Platform, 2014-2021 (USD Million)
Table 59 Germany: Embedded Systems Market Size, By Application, 2014-2021 (USD Million)
Table 60 France: Military Embedded Systems Market Size, By Platform, 2014-2021 (USD Million)
Table 61 France: Embedded Systems Market Size, By Application, 2014-2021 (USD Million)
Table 62 Russia: Military Embedded Systems Market Size, By Platform, 2014-2021 (USD Million)
Table 63 Russia: Embedded Systems Market Size, By Application, 2014-2021 (USD Million)
Table 64 Rest of Europe: Military Embedded Systems Market Size, By Platform, 2014-2021 (USD Million)
Table 65 Rest of Europe: Embedded Systems Market Size, By Application, 2014-2021 (USD Million)
Table 66 RoW: Military Embedded Systems Market Size, By Platform, 2014-2021 (USD Million)
Table 67 RoW: Embedded Systems Market Size, By Application, 2014-2021 (USD Million)
Table 68 RoW: Military Embedded Systems Market Size, By Architecture, 2014-2021 (USD Million)
Table 69 Contracts & Partnerships, October, 2014 - September, 2016
Table 70 New Product Launches, October, 2014-September, 2016
Table 71 Acquisitions & Collaborations, October, 2014-September, 2016

List of Figures

Figure 1 Military Embedded Systems Market: Market Segmentation
Figure 2 Research Flow
Figure 3 Research Design
Figure 4 U.S. DoD Funding for Unmanned Systems, 2014-2018
Figure 5 Market Size Estimation Methodology: Bottom-Up Approach
Figure 6 Market Size Estimation Methodology: Top-Down Approach
Figure 7 Data Triangulation
Figure 8 Military Embedded Systems Market, By Application (2016 vs 2021)
Figure 9 Land Segment Estimated to Capture Largest Share of Military Embedded Systems Market in 2016
Figure 10 Microprocessor Segment Projected to Dominate the Market During Forecast Period
Figure 11 Hardware Segment Projected to Dominate the Military Embedded Systems Market During Forecast Period
Figure 12 Asia-Pacific Projected to Grow at Highest CAGR During Forecast Period
Figure 13 Key Growth Strategies Adopted By Market Players in Military Embedded Systems Market Between October, 2014 and September, 2016
Figure 14 Software Development is the Most Significant Opportunity Prevailing in the Market
Figure 15 Electronic Warfare Segment Projected to Grow at the Highest Rate During the Forecast Period
Figure 16 Hardware Segment to Dominate the Market During the Forecast Period
Figure 17 Land Segment Estimated to Capture the Largest Market Share in 2016
Figure 18 Microprocessor Projected Estimated to Account for the Largest Market Size During the Forecast Period
Figure 19 Asia-Pacific Region to Witness the Highest Growth During the Forecast Period
Figure 20 Military Embedded Systems Market Segmentation: By Platform
Figure 21 Military Embedded Systems Market Segmentation: By Architecture
Figure 22 Military Embedded Systems Market Segmentation: By Component
Figure 23 Military Embedded Systems Market Segmentation: By Application
Figure 24 Military Embedded Systems Market: Drivers, Restraints, Opportunities, and Challenges
Figure 25 Industry Expert’s Quotes on Military Embedded Systems Market
Figure 26 Macro Trends in Military Embedded Systems Market
Figure 27 Micro Trends in Military Embedded Systems Market
Figure 28 ISR Segment Projected to Lead the Military Embedded Systems Application Market During the Forecast Period
Figure 29 Military Embedded Systems Architecture Market Projected to Be Dominated By the Hardware Segment During the Forecast Period
Figure 30 Land Segment Projected to Lead the Military Embedded Systems Market During the Forecast Period
Figure 31 North America Projected to Lead the Military Embedded Systems Market in Land Segment During the Forecast Period
Figure 32 Asia-Pacific Region Projected to Grow at Highest CAGR in Military Embedded Systems Market in Air Segment During the Forecast Period
Figure 33 North America to Dominate the Military Embedded Systems Market in Naval Segment During the Forecast Period
Figure 34 Microprocessor Segment Projected to Dominate the Military Embedded Systems Market During the Forecast Period
Figure 35 Digital Signal Processor, By Type
Figure 36 IP Core Chip, By Type
Figure 37 Military Embedded Systems Market Regional Snapshot, 2016-2021: Asia-Pacific Region to Grow at the Highest CAGR During the Forecast Period
Figure 38 Snapshot (2016): U.S. Projected to Have the Highest Growth Potential During the Forecast Period
Figure 39 Snapshot (2016): Asia-Pacific Projected to Have the Highest Growth Potential During the Forecast Period
Figure 40 Snapshot (2016): Europe Projected to Have the Highest Growth Potential During the Next Five Years
Figure 41 Companies Adopted New Product Launches as the Key Growth Strategy Between October, 2014 and September, 2016
Figure 42 Military Embedded Systems Market - Competitive Analysis, October, 2014-December, 2016
Figure 43 Military Embedded Systems Market, By Region
Figure 44 Military Embedded Systems Market has Witnessed A Significant Growth Between October, 2014 and September, 2016
Figure 45 New Product Launches are the Key Growth Strategies Adopted By Market Players Between October, 2014 and September, 2016
Figure 46 Regional Revenue Mix of Top 5 Market Players (2016)
Figure 47 Curtiss-Wright Corporation: Company Snapshot
Figure 48 Curtiss-Wright Corporation: SWOT Analysis
Figure 49 Kontron AG: Company Snapshot
Figure 50 Kontron AG: SWOT Analysis
Figure 51 Mercury Systems, Inc.: Company Snapshot
Figure 52 Mercury Systems, Inc.: SWOT Analysis
Figure 53 Microsemi Corporation: Company Snapshot
Figure 54 Microsemi Corporation: SWOT Analysis
Figure 55 Xilinx, Inc.: Company Snapshot
Figure 56 Xilinx, Inc.: SWOT Analysis
Figure 57 Radisys Corporation: Company Snapshot
Figure 58 Concurrent Technologies PLC: Company Snapshot
Figure 59 Eurotech S.P.A.: Company Snapshot
Figure 60 Advantech Co. Ltd.: Company Snapshot

Ordering:
Order Online - http://www.researchandmarkets.com/reports/3939828/
Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Military Embedded Systems Market by Application (ISR, Communication, Computer, Cyber, Combat, Command & Control), Component (Processor, GPU, DPS, IP-Chip, Others), Platform (Land, Air, Naval), Architecture, and Region - Global Forecast to 2021

Web Address: http://www.researchandmarkets.com/reports/3939828/
Office Code: SC2GII7S

Product Formats
Please select the product formats and quantity you require:

- Electronic (PDF) - Single User: USD 5650
- Electronic (PDF) - 1-5 Users: USD 6650
- Electronic (PDF) - Site License: USD 8150
- Electronic (PDF) - Enterprise-wide: USD 10000

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof [ ]
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

<table>
<thead>
<tr>
<th>Account number</th>
<th>833 130 83</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
<tr>
<td>Bank Address</td>
<td>Ulster Bank, 27-35 Main Street, Blackrock, Co. Dublin, Ireland.</td>
</tr>
</tbody>
</table>

If you have a Marketing Code please enter it below:

Marketing Code: __________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World