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Digital Battlefield Market by Solution (Hardware, Software, Service) Platform (Airborne, Naval, Land, Space), Application, Technology (Artificial Intelligence, IOT, Big Data, 5G,Cloud Computing and Master Data Management), Region - Global Forecast to 2030

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Abstracts

The global digital battlefield market is estimated at USD 43.2 billion in 2022 and is projected to reach USD 154.1 billion by 2030, at a CAGR of 17.2% from 2022 to 2030. The diverse geopolitical conditions in the economies of North America, Europe, Asia Pacific, the Middle East, Latin America, and Africa are responsible for the rapidly changing dynamics of the digital battlefield market. The increased frequency of border conflicts and terrorism in these areas also affects the market for digital battlefield goods, services, and solutions. In order to improve situational awareness and surveillance during combat scenarios, governments and defense agencies all over the world are implementing digital battlefield technologies.

Few well-known companies dominate the digital battlefield sector, including Lockheed Martin Corporation (US), Raytheon Technologies Corporation (US), Northrop Grumman Corporation (US), BAE Systems (UK), and Thales Group (US). These competitors have expanded their business operations over a number of nations, including North America, Europe, Asia Pacific, the Middle East, Africa, and Latin America.

Based on platform, During the forecast period, the digital battlefield market's space sector is anticipated to experience the greatest CAGR.

Platform-wise, the market is divided into airborne, ground, naval, and space categories.

According to CAGR, the space industry is anticipated to lead, with the highest CAGR between 2022 and 2030. Digital battlefield technologies installed on the space platform allow for the mapping of objects in real-time throughout the Earth and support satellite communication systems. This will greatly aid the space segment's expansion. According to projections, the airborne category will dominate the digital battlefield industry from 2022 through 2030. The increase in defense forces' preference for digital battlefield products & systems is blamed for the expansion of the airborne market.

The digital battlefield market by installation's new procurement sub segment is anticipated to grow at the greatest CAGR due to a growing global emphasis on installing defense equipment.

The new procurement segment is anticipated to dominate the digital battlefield market from 2022 to 2030, based on installation. Increased installation of cutting-edge defensive systems and growing purchases of digital battlefield goods for combat forces are to blame for the development in the new procurement segment. Due to defense forces' increased efforts to modify and modernize outdated military electronic equipment in order to acquire a competitive advantage over potential threats and enemy attacks, the upgrades market will experience significant development.

“North America: The largest contributing region in the digital battlefield market.”

From 2022 to 2030, the digital battlefield market's highest share is anticipated to come from the North American market.

For market analysis in the North American region, the US and Canada are important nations to take into account. Due to growing investments in digital battlefield technologies by governments in this region, this region is anticipated to dominate the market from 2022 to 2030. With its robust economy and aggressive military policy, the US is acknowledged as one of the leading consumers and adopters of digitalization in the defense industry. Amazon, Google, Microsoft, IBM, Cisco, Raytheon, and Palantir are important US producers and developers of digital battlefield products and services. The US has always depended on its advanced technology and rigorous training and professionalization standards to make up for its numerical disadvantage. As global competitors like China make significant investments to strengthen their capabilities, this advantage is increasingly eroding. The US is now being forced to expand its capabilities quickly as a result. In the North American region, the market growth will be greatly aided by this.

In August 2022, A $15 million contract from the U.S. Army was given to Lockheed Martin and General Dynamics Mission Systems to create concepts for the electronic warfare platform Terrestrial Layer System-Echelons Above Brigade. The EAB is an electromagnetic assault and collecting system that combines electronic warfare, cyber, and signal intelligence capabilities. Combining all the system's capabilities, it is possible to provide soldiers with information about their surroundings over vast distances.

In July 2022, as part of a multi-level security effort to provide the creation and management of systems as a unified force across all domains, the US Air Force has awarded Shreveport, Louisiana-based Praeses a contract worth up to $950 million for the Joint All Domain Command and Control environment (air, land, sea, space, cyber and electromagnetic spectrum).

The break-up of the profile of primary participants in the Digital battlefield market:

By Company Type: Tier 1 – 35%, Tier 2 – 45%, and Tier 3 – 20%

By Designation: C Level – 35%, Director Level – 25%, and Others – 40%

By Region: North America – 25%, Europe – 15%, Asia Pacific – 45%, Middle East – 10%, RoW – 5%

Major companies profiled in the report include BAE Systems (UK), Northrop Grumman Corporation (US), Raytheon Technologies Corporation (US), Lockheed Martin Corporation (US), Thales Group (US), L3Harris Technologies, Inc. (US), and Israel Aerospace Industries (Israel). (25 Companies)

Research Coverage:

This research report categorizes the Digital battlefield market basis of Technology (Artificial Intelligence, 3D printing, Internet of Things, Big Data Analytics, Robotic Process Automation, Cloud Computing & Master Data Management, Digital Twin, Blockchain, AR & VR, 5G), Application (Warfare Platform, Cyber Security, Logistics & Transportation, Surveillance & Situational Awareness, Command & Control, Communication, Health Monitoring, Simulation & Training, Design And Manufacturing, Predictive Maintenance, Threat Monitoring, Real-Time Fleet Management, Electronic Warfare), Platform (Land, Naval, Airborne, Space, Installation), Solution (Hardware, Software, Services), major regions, namely, North America, Europe, Asia Pacific, Middle East, Latin America, and Africa. The scope of the report covers detailed information regarding the major factors, such as drivers, challenges, and opportunities, influencing the growth of the Digital battlefield market. A detailed analysis of the key industry players has been done to provide insights into their business overviews; solutions and services; key strategies; new product launches, contracts, partnerships, collaborations, expansions, acquisitions, and new product development associated with the Digital battlefield market.

Reasons to buy this report:

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall Digital battlefield market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and to plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Market Penetration: Comprehensive information on Digital battlefield offered by the top players in the market

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the Digital battlefield market

Market Development: Comprehensive information about lucrative markets – the report analyses the Digital battlefield market across varied regions

Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the Digital battlefield market

Competitive Assessment: In-depth assessment of market shares, growth strategies, products, and manufacturing capabilities of leading players in the Digital battlefield market

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Contents

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8 DIGITAL BATTLEFIELD MARKET, BY APPLICATION

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10 DIGITAL BATTLEFIELD MARKET, BY INSTALLATION

(USD MILLION)

11 DIGITAL BATTLEFIELD MARKET, BY SOLUTION

11.1 INTRODUCTION
FIGURE 40 SOFTWARE TO RECORD HIGHEST CAGR BETWEEN 2022 AND 2030
TABLE 95 DIGITAL BATTLEFIELD MARKET, BY SOLUTION, 2018–2021 (USD MILLION)
TABLE 96 DIGITAL BATTLEFIELD MARKET, BY SOLUTION, 2022–2030 (USD MILLION)
11.2 HARDWARE
  11.2.1 ONGOING IMPROVEMENTS IN COMMUNICATIONS TECHNOLOGY TO FUEL SEGMENT GROWTH
    11.2.1.1 Communication devices
    11.2.1.2 Wearable devices
      11.2.1.2.1 Smart clothing
      11.2.1.2.2 Exoskeletons
      11.2.1.2.3 Smart helmets
    11.2.1.3 Imaging devices
    11.2.1.4 Display devices
    11.2.1.5 Tracking devices
    11.2.1.6 Computer hardware devices
    11.2.1.7 Data distribution units
    11.2.1.8 Night vision devices
    11.2.1.9 RFID
    11.2.1.10 3D printers
    11.2.1.11 Others (Wi-Fi devices, terminals)
11.3 SOFTWARE
  11.3.1 ENABLES INTEGRATION OF MULTIPLE SENSORS WITH SINGLE COMMAND SYSTEM
    11.3.1.1 Command & control software
    11.3.1.2 Military situational awareness
    11.3.1.3 Security management
    11.3.1.4 Inventory management
    11.3.1.5 Fleet management
    11.3.1.6 Weapon integration
    11.3.1.7 Robotic process automation
    11.3.1.8 Others
11.4 SERVICES

12.2.2 US
12.2.2.1 Modernization programs and defense policies increase demand for digitalization
FIGURE 43 US: MILITARY SPENDING, 2011–2021 (USD BILLION)
TABLE 109 US: DIGITAL BATTLEFIELD MARKET, BY PLATFORM, 2018–2021 (USD MILLION)
TABLE 110 US: DIGITAL BATTLEFIELD MARKET, BY PLATFORM, 2022–2030 (USD MILLION)
TABLE 111 US: DIGITAL BATTLEFIELD MARKET, BY INSTALLATION, 2018–2021 (USD MILLION)
TABLE 112 US: DIGITAL BATTLEFIELD MARKET, BY INSTALLATION, 2022–2030 (USD MILLION)
TABLE 113 US: DIGITAL BATTLEFIELD MARKET, BY APPLICATION, 2018–2021 (USD MILLION)
TABLE 114 US: DIGITAL BATTLEFIELD MARKET, BY APPLICATION, 2022–2030 (USD MILLION)
TABLE 115 US: DIGITAL BATTLEFIELD MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)
TABLE 116 US: DIGITAL BATTLEFIELD MARKET, BY TECHNOLOGY, 2022–2030 (USD MILLION)
12.2.3 CANADA
12.2.3.1 Increasing R&D investment to drive market growth
FIGURE 44 CANADA: MILITARY SPENDING, 2016–2021 (USD BILLION)
TABLE 117 CANADA: DIGITAL BATTLEFIELD MARKET, BY PLATFORM, 2018–2021 (USD MILLION)
TABLE 118 CANADA: DIGITAL BATTLEFIELD MARKET, BY PLATFORM, 2022–2030 (USD MILLION)
TABLE 119 CANADA: DIGITAL BATTLEFIELD MARKET, BY INSTALLATION, 2018–2021 (USD MILLION)
TABLE 120 CANADA: DIGITAL BATTLEFIELD MARKET, BY INSTALLATION, 2022–2030 (USD MILLION)
TABLE 121 CANADA: DIGITAL BATTLEFIELD MARKET, BY APPLICATION, 2018–2021 (USD MILLION)
TABLE 122 CANADA: DIGITAL BATTLEFIELD MARKET, BY APPLICATION, 2022–2030 (USD MILLION)
TABLE 123 CANADA: DIGITAL BATTLEFIELD MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)
TABLE 124 CANADA: DIGITAL BATTLEFIELD MARKET, BY TECHNOLOGY, 2022–2030 (USD MILLION)

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14 COMPANY PROFILES

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TABLE 384 ATOS SE: DEALS
14.3 OTHER PLAYERS
14.3.1 ROLTA INDIA LIMITED
TABLE 385 ROLTA LIMITED: COMPANY OVERVIEW
14.3.2 RAFAEL ADVANCED DEFENSE SYSTEMS LIMITED
TABLE 386 RAFAEL ADVANCED DEFENSE SYSTEMS LIMITED: COMPANY OVERVIEW
14.3.3 ISRAEL AEROSPACE INDUSTRIES
TABLE 387 ISRAEL AEROSPACE INDUSTRIES: COMPANY OVERVIEW
14.3.4 TELEPLAN GLOBE AS
TABLE 388 TELEPLAN GLOBE AS: COMPANY OVERVIEW
14.3.5 ROHDE & SCHWARZ
TABLE 389 ROHDE & SCHWARZ: COMPANY OVERVIEW
*Details on Business overview, Products/Solutions/Services, Recent developments, MnM view, Key strengths, Strategic choices, and Weaknesses and competitive threats might not be captured in case of unlisted companies.

15 APPENDIX

15.1 DISCUSSION GUIDE
15.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL
15.3 CUSTOMIZATION OPTIONS
15.4 RELATED REPORTS
15.5 AUTHOR DETAILS

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