

Comprehensive Insights of the Global Electronically Scanned Arrays Market: Key Drivers, Trends, and Growth

The Business Research Company has updated all its market reports with the latest information for the year 2024, projecting trends and forecasts until 2033

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Electronically Scanned Arrays Global Market Report
2024 – Market Size, Trends, And Global Forecast
2024-2033

The [electronically scanned arrays market](#) has experienced substantial growth in recent years, increasing from \$8.07 billion in 2023 to an anticipated \$8.52 billion in 2024, with a compound annual growth rate (CAGR) of 5.6%. This growth during the historic period is driven by factors



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such as increased defense spending, the need for enhanced surveillance, military modernization programs, and the deployment of airborne early warning and control (EWC) systems.

What Is the Projected Market Size of the Global Electronically Scanned Arrays Market and Its Growth Rate?

The electronically scanned arrays market is projected to

experience robust growth in the coming years, reaching \$10.83 billion by 2028 with a compound annual growth rate (CAGR) of 6.2%. This anticipated growth is fueled by rapid advancements in aerospace technologies, increased demand for unmanned systems, expansion of space-based surveillance, national security needs, and global geopolitical tensions. Key trends expected during this period include advancements in digital signal processing, integration with network-centric warfare, increased application in electronic warfare (EW), enhanced rapid scan and tracking capabilities, and ongoing development of hybrid ESA solutions.

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What are the Key Drivers Fueling Growth in the Electronically Scanned Arrays Market?

Rising government investments in the defense sector are a major factor propelling the growth of the electronically scanned arrays market. These arrays are utilized in radars on fighter jets, enabling long-distance detection and track generation within defense industries.

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Who Are the Key Players Driving Growth in the Electronically Scanned Arrays Market?

Major companies operating in the electronically scanned arrays market report are The Boeing Company, Airbus SE, Lockheed Martin Corporation, Raytheon Technologies Corporation, General Dynamics Corporation, Northrop Grumman Corporation, Honeywell International Inc.

What Are The Emerging Trends Shaping The Growth Of The Electronically Scanned Arrays Market?

Leading companies in the electronically scanned arrays market are concentrating on developing new technological solutions, such as advanced over-the-air (OTA) calibration and characterization methods, to enhance their market position. OTA calibration and characterization is a testing approach that assesses and optimizes antenna system performance in real operating environments without requiring physical connections like probes or cables.

What Are the Segments of the Global Electronically Scanned Arrays Market?

- 1) By Type: Active, Passive
- 2) By Geometry: Linear, Planar, Frequency Scanning
- 3) By Range: Land, Navel, Airborne
- 4) By Application: Defense, Government, Commercial
- 5) By User: Short, Medium, Long

Geographic Overview: North America at the Helm of the Electronically Scanned Arrays Market
North America was the largest region in the electronically scanned arrays market in 2023. Asia-Pacific is expected to be the fastest-growing region in the forecast period. The regions covered in the electronically scanned arrays global market report are Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

How Is The Electronically Scanned Arrays Market Defined?

An electronically scanned array is a group of antennas that generates beams and rays of radio waves. These waves are electronically steered toward a specific direction without physically moving the antennas. Unlike mechanically scanned solid apertures, electronically scanned arrays lack moving parts, reducing the need for maintenance.

The [Electronically Scanned Arrays Global Market Report 2024](#) from The Business Research

Company includes the following key information:

- Market size data for both historical and future periods
- Analysis of both macro and microeconomic factors that have impacted the market over the past five years
- Regional market analysis covering Asia-Pacific, China, Western Europe, Eastern Europe, North America, the USA, South America, and the Middle East and Africa
- Country-specific market analysis for Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, the UK, and the USA.

Overview of the Global Electronically Scanned Arrays Market Report: Trends, Opportunities, Strategies, and More

The Electronically Scanned Arrays Global Market Report 2024 from The Business Research Company is an extensive resource that delivers insights into electronically scanned arrays market size, electronically scanned arrays market drivers and trends, electronically scanned arrays global market major players, electronically scanned arrays competitors' revenues, electronically scanned arrays global market positioning, and electronically scanned arrays market growth across geographies. This report provides valuable in-depth insights into potential opportunities and strategies. Companies can utilize the information presented to target segments with the greatest growth potential.

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