

# **Europe Air Defense Radar Market Forecast to 2030 - Regional Analysis - by Range (Long Range, Medium Range, and Short Range), Product Type (Synthetic Aperture and Moving Target Indicator Radar, Surveillance Radar, Airborne Early Warning Radar, Multi-Functional Radar, Weather Radar, and Others), System Type (Fixed and Portable), Platform (Ground-Based, Aircraft-Mounted, and Naval-Based), and Application (Ballistic Missile Defense, Identification Friend or Foe, Weather Forecasting, and Others)**

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## **Abstracts**

The Europe air defense radar market is expected to grow from US\$ 1,433.41 million in 2022 to US\$ 1,920.51 million by 2030. It is estimated to grow at a CAGR of 3.7% from 2022 to 2030.

Rise in Number of Contracts for Supply of Air Defense Radar Fuel the Europe Air Defense Radar Market

Vendors operating in the Europe Air Defense Radar Market are majorly focusing on collaborating with different governments and armed forces to understand their respective demands and provide them with reliable solutions. The armed forces of various countries are also providing several contracts to air defense radar manufacturers for the procurement of various defense systems. Moreover, the armed forces across different countries are investing significantly in procuring air defense systems such as surface-to-air missile systems, integrated air defense systems, fighter

aircraft, naval defense systems, early warning systems, and border surveillance systems. Radar systems are fundamental components of comprehensive air defense systems. They enable armed forces to detect, track, and identify airborne threats such as aircraft, missiles, and drones. Thus, the increasing procurement of air defense systems is a major factor aiding the growth of the Europe air defense radar market.

## Europe Air Defense Radar Market Overview

The Europe Air Defense Radar Market is sub segmented into France, Germany, Italy, the UK, Russia, and the Rest of Europe. The rise in military expenditure across the European countries is one of the major factors catalyzing the Europe Air Defense Radar Market expansion across the region.

The ongoing conflict between Russia and Ukraine has prompted a shift in defense priorities for a few European nations. As part of the NATO alliance, European countries have shown solidarity with Ukraine and increased their support to reinforce NATO's eastern flank. This has involved boosting defense spending to meet NATO commitments and enhance collective defense capabilities. The conflict has prompted greater collaboration among European nations in defense cooperation and joint capability development. This includes joint procurement projects, information sharing, and increased interoperability, which may require additional defense funding. In July 2023, the Ministry of Defence awarded BAE Systems a US\$ 978.09 million contract to deliver a new radar for the Royal Air Force's Typhoon fighter jet fleet. The contract involves the development and integration of the European Common Radar System Mk2 radar onto the Typhoon aircraft. Similarly, in June 2023, the French defense ministry, the Ukrainian defense ministry, and Thales signed a contract to deliver a comprehensive short-range air defense system. The system will comprise several essential components, including a GM200 radar, a command-and-control center, a radio communications system, and air target designators. Such joint procurement projects, partnerships, and collaborations are anticipated to drive the Europe Air Defense Radar Market further.

## Europe Air Defense Radar Market Revenue and Forecast to 2030 (US\$ Million)

### Europe Air Defense Radar Market Segmentation

The Europe air defense radar market is segmented into function, range, system type, platform, application, and country.

Based on function, the Europe air defense radar market is segmented into synthetic aperture radar and moving target indicator radar, surveillance radar, airborne early warning radar, multi-functional radar, weather radar, and others. The synthetic aperture radar and moving target indicator radar segment held a largest share of the Europe air defense radar market in 2022.

Based on range, the Europe air defense radar market is segmented into short range, medium range, and long range. The long range segment held the largest share of the Europe air defense radar market in 2022.

Based on system type, the Europe air defense radar market is segmented into fixed radar, and portable radar. The fixed radar segment held the larger share of the Europe air defense radar market in 2022.

Based on platform, the Europe air defense radar market is segmented into ground-base, aircraft-mounted, and naval based. The ground-base segment held the largest share of the Europe air defense radar market in 2022.

Based on application, the Europe air defense radar market is segmented into ballistic missile defense, identification friend or foe, weather forecasting, and others. The identification friend or foe segment held the largest share of the Europe air defense radar market in 2022.

Based on country, the Europe air defense radar market is segmented into Germany, France, Italy, the UK, Russia, and the Rest of Europe. Russia dominated the Europe Air Defense Radar Market in 2022.

BAE Systems Plc, General Dynamics Corp, Honeywell International Inc, Israel Aerospace Industries Ltd, Leonardo SpA, Lockheed Martin Corp, Northrop Grumman Corp, Raytheon Technologies Corp, Saab AB, and Thales SA are some of the leading companies operating in the Europe air defense radar market.

## Contents

### **1. INTRODUCTION**

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

### **2. EXECUTIVE SUMMARY**

- 2.1 Key Insights
- 2.2 Market Attractiveness

### **3. RESEARCH METHODOLOGY**

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

### **4. EUROPE AIR DEFENSE RADAR MARKET LANDSCAPE**

- 4.1 Overview
- 4.2 Porter's Five Forces Analysis
- 4.3 Ecosystem Analysis
  - 4.3.1 Raw Material and Component Suppliers:
  - 4.3.2 Air Defense Radar Manufacturers:
  - 4.3.3 System Integrators & Software Developers:
  - 4.3.4 End Users:

### **5. EUROPE AIR DEFENSE RADAR MARKET - KEY INDUSTRY DYNAMICS**

- 5.1 Key Market Drivers:
  - 5.1.1 Rise in Number of Contracts for Supply of Air Defense Radar
  - 5.1.2 Continuous Rise in Defense Spending
  - 5.1.3 Emergence of Network-Centric and Modern Warfare
- 5.2 Key Market Restraints:
  - 5.2.1 Threat of Jamming and Spoofing
  - 5.2.2 Decreasing Deployment of Aerostat Radars and Balloon Radars
- 5.3 Key Market Opportunities:
  - 5.3.1 Rising Adoption of Unmanned Aerial Vehicles

### 5.3.2 Rise in Cross-Border Conflicts

### 5.4 Future Trend:

#### 5.4.1 Development of Miniaturized and Low-Cost Radars

### 5.5 Impact of Drivers and Restraints:

## **6. AIR DEFENSE RADAR MARKET - EUROPE MARKET ANALYSIS**

### 6.1 Europe Air Defense Radar Market Share, By Region (%), 2020 and 2030

### 6.2 Europe Air Defense Radar Market Revenue (US\$ Mn), 2020 - 2030

## **7. EUROPE AIR DEFENSE RADAR MARKET ANALYSIS - PRODUCT TYPE**

### 7.1 Overview

### 7.2 Europe Air Defense Radar Market Revenue Share, By Function (2022 and 2030)

### 7.3 Synthetic Aperture Radar & Moving Target Indicator Radar

#### 7.3.1 Overview

#### 7.3.2 Synthetic Aperture Radar and Moving Target Radar: Europe Air Defense Radar Market Revenue and Forecast to 2030 (US\$ Million)

### 7.4 Surveillance Radar

#### 7.4.1 Overview

#### 7.4.2 Surveillance Radar: Europe Air Defense Radar Market Revenue and Forecast to 2030 (US\$ Million)

### 7.5 Airborne Early Warning Radar

#### 7.5.1 Overview

#### 7.5.2 Airborne Early Warning Radar: Europe Air Defense Radar Market Revenue and Forecast to 2030 (US\$ Million)

### 7.6 Multi-Functional Radar

#### 7.6.1 Overview

#### 7.6.2 Multi-Functional Radar: Europe Air Defense Radar Market Revenue and Forecast to 2030 (US\$ Million)

### 7.7 Weather Radar

#### 7.7.1 Overview

#### 7.7.2 Weather Radar: Europe Air Defense Radar Market Revenue and Forecast to 2030 (US\$ Million)

### 7.8 Others

#### 7.8.1 Overview

#### 7.8.2 Others: Europe Air Defense Radar Market Revenue and Forecast to 2030 (US\$ Million)

## **8. EUROPE AIR DEFENSE RADAR MARKET ANALYSIS - RANGE**

### 8.1 Overview

### 8.2 Europe Air Defense Radar Market Revenue Share, By Range (2022 and 2030)

### 8.3 Short Range

#### 8.3.1 Overview

#### 8.3.2 Short Range: Europe Air Defense Radar Market Revenue and Forecast to 2030 (US\$ Million)

### 8.4 Medium Range

#### 8.4.1 Overview

#### 8.4.2 Medium Range: Europe Air Defense Radar Market Revenue and Forecast to 2030 (US\$ Million)

### 8.5 Long Range

#### 8.5.1 Overview

#### 8.5.2 Long Range: Europe Air Defense Radar Market Revenue and Forecast to 2030 (US\$ Million)

## **9. EUROPE AIR DEFENSE RADAR MARKET ANALYSIS - SYSTEM TYPE**

### 9.1 Overview

### 9.2 Europe Air Defense Radar Market Revenue Share, By System Type (2022 and 2030)

### 9.3 Fixed Radar

#### 9.3.1 Overview

#### 9.3.2 Fixed Radar: Europe Air Defense Radar Market Revenue and Forecast to 2030 (US\$ Million)

### 9.4 Portable Radar

#### 9.4.1 Overview

#### 9.4.2 Portable Radar: Europe Air Defense Radar Market Revenue and Forecast to 2030 (US\$ Million)

## **10. EUROPE AIR DEFENSE RADAR MARKET ANALYSIS - PLATFORM**

### 10.1 Overview

### 10.2 Europe Air Defense Radar Market Revenue Share, By Platform (2022 and 2030)

### 10.3 Ground-Base

#### 10.3.1 Overview

#### 10.3.2 Ground-Base: Europe Air Defense Radar Market Revenue and Forecast to 2030 (US\$ Million)

## 10.4 Aircraft-Mounted

### 10.4.1 Overview

10.4.2 Aircraft-Mounted: Europe Air Defense Radar Market Revenue and Forecast to 2030 (US\$ Million)

## 10.5 Naval-Based

### 10.5.1 Overview

10.5.2 Naval Based: Europe Air Defense Radar Market Revenue and Forecast to 2030 (US\$ Million)

## **11. EUROPE AIR DEFENSE RADAR MARKET ANALYSIS - APPLICATION**

### 11.1 Overview

11.2 Europe Air Defense Radar Market Revenue Share, By Application (2022 and 2030)

### 11.3 Ballistic Missile Defense

#### 11.3.1 Overview

11.3.2 Ballistic Missile Defense: Europe Air Defense Radar Market Revenue and Forecast to 2030 (US\$ Million)

### 11.4 Identification Friend or Foe

#### 11.4.1 Overview

11.4.2 Identification Friend or Foe: Europe Air Defense Radar Market Revenue and Forecast to 2030 (US\$ Million)

### 11.5 Weather Forecasting

#### 11.5.1 Overview

11.5.2 Weather Forecasting: Europe Air Defense Radar Market Revenue and Forecast to 2030 (US\$ Million)

### 11.6 Others

#### 11.6.1 Overview

11.6.2 Others: Europe Air Defense Radar Market Revenue and Forecast to 2030 (US\$ Million)

## **12. EUROPE AIR DEFENSE RADAR MARKET - COUNTRY ANALYSIS**

### 12.1 Europe Air Defense Radar Market

#### 12.1.1 Europe: Europe Air Defense Radar Market, by Key Country

12.1.1.1 Germany: Europe Air Defense Radar Market Revenue and Forecasts to 2030 (US\$ Million)

##### 12.1.1.1.1 Germany: Europe Air Defense Radar Market, By Product Type

##### 12.1.1.1.2 Germany: Europe Air Defense Radar Market, By Range

- 12.1.1.1.3 Germany: Europe Air Defense Radar Market, By System Type
- 12.1.1.1.4 Germany: Europe Air Defense Radar Market, By Platform
- 12.1.1.1.5 Germany: Europe Air Defense Radar Market, By Application
- 12.1.1.2 France: Europe Air Defense Radar Market Revenue and Forecasts to 2030  
(US\$ Million)
  - 12.1.1.2.1 France: Europe Air Defense Radar Market, By Product Type
  - 12.1.1.2.2 France: Europe Air Defense Radar Market, By Range
  - 12.1.1.2.3 France: Europe Air Defense Radar Market, By System Type
  - 12.1.1.2.4 France: Europe Air Defense Radar Market, By Platform
  - 12.1.1.2.5 France: Europe Air Defense Radar Market, By Application
- 12.1.1.3 Italy: Europe Air Defense Radar Market Revenue and Forecasts to 2030  
(US\$ Million)
  - 12.1.1.3.1 Italy: Europe Air Defense Radar Market, By Product Type
  - 12.1.1.3.2 Italy: Europe Air Defense Radar Market, By Range
  - 12.1.1.3.3 Italy: Europe Air Defense Radar Market, By System Type
  - 12.1.1.3.4 Italy: Europe Air Defense Radar Market, By Platform
  - 12.1.1.3.5 Italy: Europe Air Defense Radar Market, By Application
- 12.1.1.4 UK: Europe Air Defense Radar Market Revenue and Forecasts to 2030  
(US\$ Million)
  - 12.1.1.4.1 UK: Europe Air Defense Radar Market, By Product Type
  - 12.1.1.4.2 UK: Europe Air Defense Radar Market, By Range
  - 12.1.1.4.3 UK: Europe Air Defense Radar Market, By System Type
  - 12.1.1.4.4 UK: Europe Air Defense Radar Market, By Platform
  - 12.1.1.4.5 UK: Europe Air Defense Radar Market, By Application
- 12.1.1.5 Russia: Europe Air Defense Radar Market Revenue and Forecasts to 2030  
(US\$ Million)
  - 12.1.1.5.1 Russia: Europe Air Defense Radar Market, By Product Type
  - 12.1.1.5.2 Russia: Europe Air Defense Radar Market, By Range
  - 12.1.1.5.3 Russia: Europe Air Defense Radar Market, By System Type
  - 12.1.1.5.4 Russia: Europe Air Defense Radar Market, By Platform
  - 12.1.1.5.5 Russia: Europe Air Defense Radar Market, By Application
- 12.1.1.6 Rest of Europe: Europe Air Defense Radar Market Revenue and Forecasts to 2030 (US\$ Million)
  - 12.1.1.6.1 Rest of Europe: Europe Air Defense Radar Market, By Product Type
  - 12.1.1.6.2 Rest of Europe: Europe Air Defense Radar Market, By Range
  - 12.1.1.6.3 Rest of Europe: Europe Air Defense Radar Market, By System Type
  - 12.1.1.6.4 Rest of Europe: Europe Air Defense Radar Market, By Platform
  - 12.1.1.6.5 Rest of Europe: Europe Air Defense Radar Market, By Application



## **13. PRE & POST COVID-19 IMPACT**

13.1 Pre & Post Covid-19 Impact

## **14. COMPETITIVE LANDSCAPE**

14.1 Heat Map Analysis By Key Players

14.2 Company Positioning & Concentration

## **15. INDUSTRY LANDSCAPE**

15.1 Overview

15.2 Market Initiative

15.3 Merger and Acquisition

15.4 New Development

## **16. COMPANY PROFILES**

16.1 BAE Systems Plc

16.1.1 Key Facts

16.1.2 Business Description

16.1.3 Products and Services

16.1.4 Financial Overview

16.1.5 SWOT Analysis

16.1.6 Key Developments

16.2 General Dynamics Corp

16.2.1 Key Facts

16.2.2 Business Description

16.2.3 Products and Services

16.2.4 Financial Overview

16.2.5 SWOT Analysis

16.2.6 Key Developments

16.3 Honeywell International Inc

16.3.1 Key Facts

16.3.2 Business Description

16.3.3 Products and Services

16.3.4 Financial Overview

16.3.5 SWOT Analysis

16.3.6 Key Developments

## 16.4 Israel Aerospace Industries Ltd

- 16.4.1 Key Facts
- 16.4.2 Business Description
- 16.4.3 Products and Services
- 16.4.4 Financial Overview
- 16.4.5 SWOT Analysis
- 16.4.6 Key Developments

## 16.5 Leonardo SpA

- 16.5.1 Key Facts
- 16.5.2 Business Description
- 16.5.3 Products and Services
- 16.5.4 Financial Overview
- 16.5.5 SWOT Analysis
- 16.5.6 Key Developments

## 16.6 Lockheed Martin Corp

- 16.6.1 Key Facts
- 16.6.2 Business Description
- 16.6.3 Products and Services
- 16.6.4 Financial Overview
- 16.6.5 SWOT Analysis
- 16.6.6 Key Developments

## 16.7 Northrop Grumman Corp

- 16.7.1 Key Facts
- 16.7.2 Business Description
- 16.7.3 Products and Services
- 16.7.4 Financial Overview
- 16.7.5 SWOT Analysis
- 16.7.6 Key Developments

## 16.8 Raytheon Technologies Corp

- 16.8.1 Key Facts
- 16.8.2 Business Description
- 16.8.3 Products and Services
- 16.8.4 Financial Overview
- 16.8.5 SWOT Analysis
- 16.8.6 Key Developments

## 16.9 Saab AB

- 16.9.1 Key Facts
- 16.9.2 Business Description
- 16.9.3 Products and Services

16.9.4 Financial Overview

16.9.5 SWOT Analysis

16.9.6 Key Developments

16.10 Thales SA

16.10.1 Key Facts

16.10.2 Business Description

16.10.3 Products and Services

16.10.4 Financial Overview

16.10.5 SWOT Analysis

16.10.6 Key Developments

## **17. APPENDIX**

17.1 Appendix

## I would like to order

Product name: Europe Air Defense Radar Market Forecast to 2030 - Regional Analysis - by Range (Long Range, Medium Range, and Short Range), Product Type (Synthetic Aperture and Moving Target Indicator Radar, Surveillance Radar, Airborne Early Warning Radar, Multi-Functional Radar, Weather Radar, and Others), System Type (Fixed and Portable), Platform (Ground-Based, Aircraft-Mounted, and Naval-Based), and Application (Ballistic Missile Defense, Identification Friend or Foe, Weather Forecasting, and Others)

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