

# **Infrared Search & Track (IRST) System Market Forecasts to 2028 – Global Analysis By Type (Military Grade IRST, Civil Grade IRST), End User (Homeland Security, Law Enforcement, Aerospace and Defense), and By Geography**

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## **Abstracts**

According to Statistics MRC, the Global Infrared Search & Track (IRST) System Market is accounted for \$5.62 billion in 2020 and is expected to reach \$10.32 billion by 2028 growing at a CAGR of 7.9% during the forecast period. Some of the key factors propelling the market growth include rise in the enhanced security and immunity over radars, increase in the research and development activities, increase in the need to upgrade situational awareness systems, and increase in the defense expenditures. However, limited operational range of IRST system is hampering the market growth.

An infrared search and track system is used to detect the vehicles and devices that give out infrared radiation. It is extensively utilized in the military and defense division for surveillance and security purposes. IRST technology also ensures enhanced sensor scales for next-generation fighter aircraft, notably when it comes to spotting stealth aircraft without radar. Moreover, one could observe infrared search & track (IRST) system applications and patterns on the snout of many modern fighter jets like the Eurofighter Typhoon.

By platform, the airborne segment is expected to grow at a significant rate during the forecast period, due to the growing focus on enhanced situational awareness and immunity over radar, use of enhanced passive systems to search and detect in airborne platforms, growing use of stealth technology by enemy aircraft, and increased innovation of defense aircraft.

On the basis of geography, Europe region is expected to have considerable growth during the forecast period, owing to increase in the need to upgrade situational awareness systems, the defense aircraft modernization programs, growing adoption of advanced systems by the military organization in Europe for performing intelligence, surveillance, and reconnaissance missions, and increase in the defense expenditures.

Some of the key players in Infrared Search & Track (IRST) System Market include Lockheed Martin Corporation, Aselsan A.S., Thales Group, Hughes Network Systems LLC., HGH Systmes Infrarouges SAS, Raytheon Company, Leonardo S.p.A, TTP plc., Safran S.A., Tonbo Imaging Private Limited, Northrop Grumman Corporation, and Rheinmetall AG.

#### Platforms Covered:

Airborne

Land

Space

Maritime/Naval

#### Components Covered:

Processing & Control Electronics

Scanning Head

Display Unit

#### Types Covered:

Military Grade IRST

Civil Grade IRST

### Sales Channels Covered:

Distributor

Direct Sales

### End Users Covered:

Homeland Security

Law Enforcement

Aerospace and Defense

### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

## Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

## South America

Argentina

Brazil

Chile

Rest of South America

## Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

### What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025 and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis, etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

### Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

#### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

#### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as

per the client's interest (Note: Depends on feasibility check)

### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 End User Analysis
- 3.7 Emerging Markets
- 3.8 Impact of Covid-19

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

### **5 GLOBAL INFRARED SEARCH & TRACK (IRST) SYSTEM MARKET, BY**

*Infrared Search & Track (IRST) System Market Forecasts to 2028 – Global Analysis By Type (Military Grade IRST,...*

## **PLATFORM**

### 5.1 Introduction

### 5.2 Airborne

#### 5.2.1 Unmanned Aerial Vehicle (UAV)

##### 5.2.1.1 Strategic UAV

##### 5.2.1.2 Tactical UAV

##### 5.2.1.3 Special Purpose UAV

#### 5.2.2 Military Aircraft

##### 5.2.2.1 Combat Aircraft

##### 5.2.2.2 Trainer Aircraft

##### 5.2.2.3 Special Mission Aircraft

### 5.3 Land

### 5.4 Space

### 5.5 Maritime/Naval

#### 5.5.1 Frigates

#### 5.5.2 Fast Attack Craft (FAC)

#### 5.5.3 Aircraft Carriers

#### 5.5.4 Offshore Patrol Vessel (OPV)

#### 5.5.5 Corvettes

#### 5.5.6 Destroyers

#### 5.5.7 Cruisers

#### 5.5.8 Amphibious Warships

## **6 GLOBAL INFRARED SEARCH & TRACK (IRST) SYSTEM MARKET, BY COMPONENT**

### 6.1 Introduction

### 6.2 Processing & Control Electronics

### 6.3 Scanning Head

#### 6.3.1 Laser Range Finder (LRF)

#### 6.3.2 Infrared (IR) Module

#### 6.3.3 Optics

### 6.4 Display Unit

## **7 GLOBAL INFRARED SEARCH & TRACK (IRST) SYSTEM MARKET, BY TYPE**

### 7.1 Introduction

### 7.2 Military Grade IRST



### 7.3 Civil Grade IRST

## **8 GLOBAL INFRARED SEARCH & TRACK (IRST) SYSTEM MARKET, BY SALES CHANNEL**

### 8.1 Introduction

### 8.2 Distributor

### 8.3 Direct Sales

## **9 GLOBAL INFRARED SEARCH & TRACK (IRST) SYSTEM MARKET, BY END USER**

### 9.1 Introduction

### 9.2 Homeland Security

### 9.3 Law Enforcement

### 9.4 Aerospace and Defense

## **10 GLOBAL INFRARED SEARCH & TRACK (IRST) SYSTEM MARKET, BY GEOGRAPHY**

### 10.1 Introduction

### 10.2 North America

#### 10.2.1 US

#### 10.2.2 Canada

#### 10.2.3 Mexico

### 10.3 Europe

#### 10.3.1 Germany

#### 10.3.2 UK

#### 10.3.3 Italy

#### 10.3.4 France

#### 10.3.5 Spain

#### 10.3.6 Rest of Europe

### 10.4 Asia Pacific

#### 10.4.1 Japan

#### 10.4.2 China

#### 10.4.3 India

#### 10.4.4 Australia

#### 10.4.5 New Zealand

#### 10.4.6 South Korea

- 10.4.7 Rest of Asia Pacific
- 10.5 South America
  - 10.5.1 Argentina
  - 10.5.2 Brazil
  - 10.5.3 Chile
  - 10.5.4 Rest of South America
- 10.6 Middle East & Africa
  - 10.6.1 Saudi Arabia
  - 10.6.2 UAE
  - 10.6.3 Qatar
  - 10.6.4 South Africa
  - 10.6.5 Rest of Middle East & Africa

## **11 KEY DEVELOPMENTS**

- 11.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 11.2 Acquisitions & Mergers
- 11.3 New Product Launch
- 11.4 Expansions
- 11.5 Other Key Strategies

## **12 COMPANY PROFILING**

- 12.1 Lockheed Martin Corporation
- 12.2 Aselsan A.S.
- 12.3 Thales Group
- 12.4 Hughes Network Systems LLC.
- 12.5 HGH Systmes Infrarouges SAS
- 12.6 Raytheon Company
- 12.7 Leonardo S.p.A
- 12.8 TTP plc.
- 12.9 Safran S.A.
- 12.10 Tonbo Imaging Private Limited
- 12.11 Northrop Grumman Corporation
- 12.12 Rheinmetall AG

## List Of Tables

### LIST OF TABLES

Table 1 Global Infrared Search & Track (IRST) System Market Outlook, By Region (2019-2028) (\$MN)

Table 2 Global Infrared Search & Track (IRST) System Market Outlook, By Platform (2019-2028) (\$MN)

Table 3 Global Infrared Search & Track (IRST) System Market Outlook, By Airborne (2019-2028) (\$MN)

Table 4 Global Infrared Search & Track (IRST) System Market Outlook, By Unmanned Aerial Vehicle (UAV) (2019-2028) (\$MN)

Table 5 Global Infrared Search & Track (IRST) System Market Outlook, By Military Aircraft (2019-2028) (\$MN)

Table 6 Global Infrared Search & Track (IRST) System Market Outlook, By Land (2019-2028) (\$MN)

Table 7 Global Infrared Search & Track (IRST) System Market Outlook, By Space (2019-2028) (\$MN)

Table 8 Global Infrared Search & Track (IRST) System Market Outlook, By Maritime/Naval (2019-2028) (\$MN)

Table 9 Global Infrared Search & Track (IRST) System Market Outlook, By Frigates (2019-2028) (\$MN)

Table 10 Global Infrared Search & Track (IRST) System Market Outlook, By Fast Attack Craft (FAC) (2019-2028) (\$MN)

Table 11 Global Infrared Search & Track (IRST) System Market Outlook, By Aircraft Carriers (2019-2028) (\$MN)

Table 12 Global Infrared Search & Track (IRST) System Market Outlook, By Offshore Patrol Vessel (OPV) (2019-2028) (\$MN)

Table 13 Global Infrared Search & Track (IRST) System Market Outlook, By Corvettes (2019-2028) (\$MN)

Table 14 Global Infrared Search & Track (IRST) System Market Outlook, By Destroyers (2019-2028) (\$MN)

Table 15 Global Infrared Search & Track (IRST) System Market Outlook, By Cruisers (2019-2028) (\$MN)

Table 16 Global Infrared Search & Track (IRST) System Market Outlook, By Amphibious Warships (2019-2028) (\$MN)

Table 17 Global Infrared Search & Track (IRST) System Market Outlook, By Component (2019-2028) (\$MN)

Table 18 Global Infrared Search & Track (IRST) System Market Outlook, By Processing

& Control Electronics (2019-2028) (\$MN)

Table 19 Global Infrared Search & Track (IRST) System Market Outlook, By Scanning Head (2019-2028) (\$MN)

Table 20 Global Infrared Search & Track (IRST) System Market Outlook, By Laser Range Finder (LRF) (2019-2028) (\$MN)

Table 21 Global Infrared Search & Track (IRST) System Market Outlook, By Infrared (IR) Module (2019-2028) (\$MN)

Table 22 Global Infrared Search & Track (IRST) System Market Outlook, By Optics (2019-2028) (\$MN)

Table 23 Global Infrared Search & Track (IRST) System Market Outlook, By Display Unit (2019-2028) (\$MN)

Table 24 Global Infrared Search & Track (IRST) System Market Outlook, By Type (2019-2028) (\$MN)

Table 25 Global Infrared Search & Track (IRST) System Market Outlook, By Military Grade IRST (2019-2028) (\$MN)

Table 26 Global Infrared Search & Track (IRST) System Market Outlook, By Civil Grade IRST (2019-2028) (\$MN)

Table 27 Global Infrared Search & Track (IRST) System Market Outlook, By Sales Channel (2019-2028) (\$MN)

Table 28 Global Infrared Search & Track (IRST) System Market Outlook, By Distributor (2019-2028) (\$MN)

Table 29 Global Infrared Search & Track (IRST) System Market Outlook, By Direct Sales (2019-2028) (\$MN)

Table 30 Global Infrared Search & Track (IRST) System Market Outlook, By End User (2019-2028) (\$MN)

Table 31 Global Infrared Search & Track (IRST) System Market Outlook, By Homeland Security (2019-2028) (\$MN)

Table 32 Global Infrared Search & Track (IRST) System Market Outlook, By Law Enforcement (2019-2028) (\$MN)

Table 33 Global Infrared Search & Track (IRST) System Market Outlook, By Aerospace and Defense (2019-2028) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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