

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)

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

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