

# **Global Military Identification Friend or Foe Market Size study & Forecast, by Platform (Terrestrial, Airborne, and Naval), Application (Defense, and Commercial), Type (Interrogator, Transponder, Combined Interrogator and Transponder) and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Military Identification Friend or Foe Market is valued at approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. Identification Friend-or-Foe (IFF), a safe method of identifying aircraft, can recognise and discriminate between friendly and hostile aircraft. These systems make use of electromagnetic and radio frequency (RF) gear to communicate with the aircraft and identify friendly, hostile, or neutral forces in the airspace. Because it allows the armed forces to discern between potential allies and opponents, it is crucial to military operations. The gadget serves as a highly developed digital 'challenge and response' password system, sending out a signal to challenge users and verifying when they have entered a strong password. The increasing spending on the advancement of defense forces and the growing adoption of IoT, machine learning & AI in the Defense sector are key factors driving the market space.

The rise in spending towards the advancement of defense forces due to increasing in border security concerns is contributing towards the growth of the Global Military Identification Friend or Foe Market. For instance, in September 2021, A USD 26 million contract for the deployment of Identification Friend-or-Foe (IFF) parts for the E-2D Advanced Hawkeye aircraft was given to BAE Systems, Inc. by the U.S. Navy. Additionally, as part of the agreement, BAE Systems would deliver Beamforming Networks (BFNs), an essential component of antenna control for the AN/APX-122A IFF

Interrogator system, for integration on tactical aircraft with carrier capability. Additionally, in January 2022, ELTA Systems Ltd, an Israeli provider of defense products and services awarded HENSOLDT several contracts worth USD 10.75 million to deliver its MSSR 2000 ID and MSR1000I secondary radars and test equipment. Also, growing military expenditure by developing countries would create a lucrative growth prospectus for the market over the projected period. However, the high deployment cost of the IFF System as well as rising concern over rising cyber-attacks impede the market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Military Identification Friend or Foe Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the increasing emphasis on military systems modernization and the presence of leading IFF systems providers in the region. Whereas Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as rising defense budgets from countries such as India and China as well as increasing foreign direct investment (FDI) in defense sector in the region.

Major market player included in this report are:

BAE Systems Plc

Raytheon Technologies Corporation

Northrop Grumman

Indra Sistemas

General Dynamics Corporation

Leonardo SpA

Lockheed Martin Corporation

Micro Systems

Hensoldt

Thales Group.

Recent Developments in the Market:

In October 2020, Thales has announced a new IFF (identify friend or foe) interrogator, named TSA6000. Moreover, four fixed antenna panels make up the completely digital TSA6000, which offers exceptional identification performance and 360° coverage. In addition, the interrogator can detect targets very rapidly and is poised to revolutionize IFF identification since it is more compact, lighter, and more effective than a rotating antenna system.

In February 2021, uAvionix unveiled a full lineup of Identification Friend or Foe (IFF)

solutions for small, tactical, and attainable unmanned aerial vehicles (UAVs). The new solutions are ideal for UAVs participating in cross-troop, cross-service branch, and cross-nation collaborative operations.

Global Military Identification Friend or Foe Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Platform, Application, Type, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Platform

Terrestrial

Airborne

Naval

By Application

Defense

Commercial

By Type

Interrogator

Transponder

Combined Interrogator and Transponder

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

RoLA

Rest of the World

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