

Global IMSI Catcher Market Size Study & Forecast, by Type (Handheld, Backpack, Vehicular, Others), By Application (Intelligence Organization, Government Structure, Others), and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/GBC6FB785435EN.html>

Date: January 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GBC6FB785435EN

Abstracts

Global IMSI Catcher Market is valued at approximately USD 165.0 million in 2022 and is anticipated to grow with a healthy growth rate of more than 9.4% over the forecast period 2023-2030. An IMSI (International Mobile Subscriber Identity) catcher is an interfering device designed to identify and trace all mobile phones sending and receiving signals within a specific area. It operates by mimicking a legitimate mobile phone tower and tricking nearby mobile devices into connecting to it. These devices actively and passively surveil criminal and suspicious activities in public and private locations that are employed by law enforcement, military, security organizations, and others. The market for IMSI catchers is influenced by several factors, including the ongoing advancements in network connectivity technologies, an increased emphasis on national security and border surveillance, and the increasing demand from law enforcement and intelligence agencies. These factors collectively contribute to the growth of the market worldwide.

In addition, the growing need to minimize terrorist attacks and criminal activities is poised to drive the expansion of the market across the globe. The surging global threats posed by criminal and terrorist activities have necessitated the adoption of advanced solutions. These devices are designed to address and mitigate criminal behaviors such as burglary, robbery, and theft in public spaces, contributing to the development of secure and crime-free environments. Their development is centered on fostering a heightened sense of security and enhancing the overall quality of life for citizens. Accordingly, various vendors including Kavita Electronics, Red Eye International Ltd., and Revector, are actively engaged in the creation of solutions tailored to identify the

configurations of various International Mobile Subscriber Identities (IMSI). With the surge in criminal activities, law enforcement agencies widely employ these solutions to scrutinize suspected behaviors. For instance, in April 2023, the Vietnamese Ministry of Information and Communications issued a public warning regarding a set of counterfeit transceiver stations designed to inundate mobile phones with deceptive SMS messages. The authorities successfully apprehended the criminals through the deployment of an IMSI catcher. Likewise, according to the Global Terrorism Index, the year 2022 witnessed a 9% reduction in terrorism-related deaths, totaling 6,701, marking a significant 38% decrease from its peak in 2015. These developments have fueled substantial growth in the market, as industries increasingly explore the potential of public safety applications. The widespread adoption of these solutions aims to curtail criminal activities and bolster defenses against various forms of attacks, contributing to the growth of the IMSI Catcher Market during the estimated period. Moreover, the increasing need for robust surveillance tools, as well as the ongoing advancements in IMSI catcher technology present various lucrative opportunities over the forecast years. However, the competition from alternative technologies and the concerns related to data theft and breaches through mobile networks are challenging the market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global IMSI Catcher Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 with largest market share owing to the presence of the well-established market players, high availability of IT technology and the establishment of formalized offices for lawmakers. Additionally, the adoption of these solutions for enhanced surveillance and security purposes is substantially soaring in the region. For instance, the American Civil Liberties Union reports that approximately 75 intelligence agencies across 27 states in the U.S. are equipped with IMSI catchers. These agencies are not obligated to obtain a warrant for utilizing this technology, a situation facilitated by the Cell-site Simulator Act 2021. Whereas, Europe is expected to grow at the highest CAGR over the forecast years. The increasing economic value for security solutions, rising rate of cybercrimes, and growing need to mitigate terrorist attacks are significantly propelling the market demand across the region.

Major market players included in this report are:

Revector (U.K.)

4 Intelligence (Sweden)

X-Surveillance (Netherlands)

PHANTOM TECHNOLOGIES Ltd. (Israel)

PKI Electronic Intelligence (Germany)

KAVIT Electronics Industries LTD. (Israel)

Septier Communication LTD (Israel)

ISMAILCELL.BIZ (China)

The Spy Phone (UAE)

Comstrac Limited (U.K.)

Recent Developments in the Market:

In September 2023, T-Mobile US collaborated with Versa to create the T-SIMsecure platform. This innovative system utilizes IMSI and International Mobile Equipment Identity (IMEI) specifications for clientless authentication, streamlining the authorization process for devices connected to T-Mobile's network. This encompasses a diverse range of devices, including traditional networks like the Internet of Things (IoT) and routers, which are complex to secure.

In October 2022, Revector unveiled the IMSI intelligence devices suite tailored for search and rescue missions. This suite includes various devices, offering versatility for different operational needs. It features a UAV (Unmanned Aerial Vehicle) payload for aerial applications, a personally carried option for individuals (such as a quadbike or backpack), and a larger vehicle choice deployable in a 4x4 SUV.

In December 2020, the Emergency Trust Fund (EUTF) Africa allocated a funding of USD 14.12 million to support Niger's program. This initiative utilizes EU support funds to enhance surveillance capabilities through the implementation of solutions like cameras, drones, IMSI catchers, and other security software.

Global IMSI Catcher Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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

Segments Covered - Type, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

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 Type:

Handheld

Backpack

Vehicular

Others

By Application:

Intelligence Organization

Government Structure

Others

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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