

# Embedded Subscriber Identity Module (e-SIM) Market Growth of \$12.7 Billion with an Excellent CAGR of 14.3% by 2032

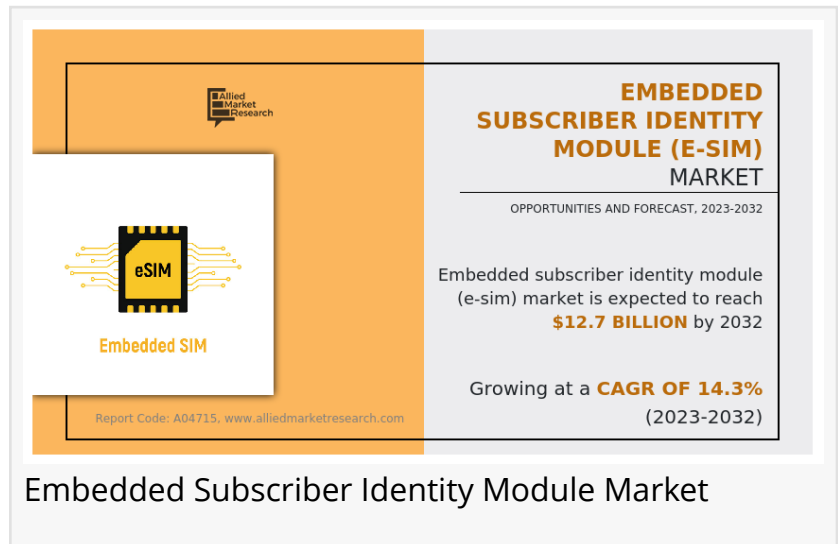
*Embedded Subscriber Identity Module (e-SIM) Market: Global Opportunity Analysis and Industry Forecast, 2023-2032*

WILMINGTON, DELAWARE, UNITED STATES, November 8, 2023

/EINPresswire.com/ -- [Embedded Subscriber Identity Module \(e-SIM\) Market](#)

by Application (Connected Car, Smartphone and Tablet, Wearable Device, Others), by Industry Vertical (Automotive, Consumer Electronics, Manufacturing, Telecommunication,

Transportation and Logistics, Others): Global Opportunity Analysis and Industry Forecast, 2023-2032.



The global embedded subscriber identity module (e-sim) market was valued at \$3.4 billion in 2022, and is projected to reach \$12.7 billion by 2032, growing at a CAGR of 14.3% from 2023 to 2032.



The embedded subscriber identity module market is experiencing steady growth due to the increasing emphasis on enhanced security, tamper-resistant hardware, data privacy, and secure connectivity."

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An embedded subscriber identity module (E-SIM) is a type of SIM card that is embedded directly into a device during the manufacturing process. It is a small chip or module that serves the same purpose as a traditional SIM card: to identify and authenticate the device on a mobile network.

However, E-SIMs are permanently integrated into the device's hardware and cannot be accessed or changed by the user unlike physical SIM cards that can be physically inserted or removed from a device. E-SIMs may be remotely activated, provisioned, and managed by mobile network

operators (MNOs) over-the-air, offering greater flexibility and convenience for users to switch between different mobile network operators or plans without physically changing SIM cards.

Enhanced security is a significant driver behind the growth of the embedded subscriber identity module (E-SIM) market share. E-SIMs offer robust security measures to protect user data and ensure secure communication. One of the key security features of E-SIM technology is the incorporation of tamper-resistant hardware and encryption mechanisms. These security measures make it extremely difficult for unauthorized access or tampering with the E-SIM. As a result, industries that handle sensitive information, such as healthcare, finance, and government, have increasingly adopted E-SIM technology to ensure secure connectivity. Thus, driving the Embedded Subscriber Identity Module (e-SIM) Market Growth. For example, in healthcare, E-SIMs may be used in connected medical devices or telehealth solutions to securely transmit patient data and maintain privacy. Similarly, in the finance sector, E-SIMs provide secure connectivity for mobile banking and payment applications, protecting user information from potential breaches. The enhanced security offered by E-SIM technology addresses the growing concerns of data privacy and protection, making it an attractive solution for industries where secure connectivity is crucial.

The COVID-19 pandemic has had a mixed impact on the embedded subscriber identity module (E-SIM) market. On one hand, it has accelerated the adoption of E-SIM technology due to the increased demand for remote work and connectivity solutions. Organizations have embraced E-SIM for efficient device management and remote provisioning. However, the pandemic has disrupted supply chains and manufacturing, leading to delays and shortages of E-SIM-enabled devices. Reduced consumer spending during the pandemic has further affected the market. Nonetheless, as economies recover and digital transformation continues, the E-SIM market is expected to regain momentum, driven by the need for seamless connectivity and the growing demand for connected devices.

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Competitive Analysis:

The [embedded subscriber identity module \(e-sim\) industry](#) key market players adopt various strategies such as product launch, product development, collaboration, partnership, and agreements to influence the market. It includes details about the key players in the market's strengths, product portfolio, market size and share analysis, operational results, and market positioning.

Some of the major key players of the embedded subscriber identity module (e-sim) market include,

- Vodafone Group Plc, Thales,
- NTT DOCOMO, Inc.,

- Giesecke+Devrient Mobile Security GmbH,
- Deutsche Telekom AG,
- Infineon Technologies AG,
- STMicroelectronics,
- Telenor group,
- Sierra Wireless,
- NXP semiconductors

#### Top Impacting Factors:

The growth of the Internet of Things (IoT) and the increase in the adoption of connected devices drive the expansion of the E-SIM market. E-SIM technology caters to the connectivity needs of IoT devices by offering seamless connectivity and remote management capabilities. It allows for the deployment of a large number of IoT devices without physical SIM cards and enables effortless switching between mobile network operators or plans. Similarly, for connected devices, E-SIM simplifies the process of device activation and provides flexibility in choosing network operators. However, device compatibility remains a restraint as not all devices support E-SIM functionality. Nevertheless, there are significant opportunities in enterprise solutions, where E-SIM streamlines connectivity, enhances device management, and ensures secure access to corporate resources.

#### Research Methodology:

The research uses both primary and secondary research to assemble data on the various facets of the international security screening market. Using interviews or surveys, primary market research has been used to collect highly authenticated data from direct sources, such as consumers in a particular market. Secondary market research is a method for gathering information from previously released data that has been produced by international organizations, business groups, government and research institutions, and so on.

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#### Key Benefits for Stakeholders:

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the embedded subscriber identity module (e-sim) market analysis from 2022 to 2032 to identify the prevailing embedded subscriber identity module (e-sim) market opportunity.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the embedded subscriber identity module (e-sim) market segmentation assists to determine the prevailing market opportunities.

- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global embedded subscriber identity module (e-sim) market trends, key players, market segments, application areas, and market growth strategies.

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