

2020-2025 Global Embedded Security Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

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Abstracts

Embedded security reduces the vulnerabilities and offers protection against threats in software running on embedded devices. Similar to the security in most IT fields, embedded system security includes a thorough method to hardware design and coding as well as additional security software, an adherence to best practices and consultation with experts. Earlier embedded operating systems did not have undeviating internet connection which has provided some degree of security, both through insignificance and the fact that they were not convenient targets as they have little need to be exposed. Due to the advancement of the new technologies like machine-to-machine (M2M) communication, Internet of Things and remotely-controlled industrial systems have increased the number of connected devices which made these devices as target. Embedded security helps to define a standardized reference secure and strong architecture for embedded systems. Embedded security ensures that systems continues to function at the time of cyber-attacks. Embedded security enables a system to defend against threats, withstand attacks & complete mission goals, recover from a degraded state and return to a normal state, and evolve to improve defence and resilience against further threats.

This report elaborates the market size, market characteristics, and market growth of the Embedded Security industry, and breaks down according to the type, application, and consumption area of Embedded Security. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for Embedded Security in a special period. This chapter also compares the markets of Pre

COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global Embedded Security market covered in Chapter 13:

Gemalto
KURZ and OVD KINEGRAM
Infineon
NXP Semiconductors
IDEMIA
Escrypt
Qualcomm
Microchip
Cisco

In Chapter 6, on the basis of types, the Embedded Security market from 2015 to 2025 is primarily split into:

Authentication and Access Management
Payment
Content Protection

In Chapter 7, on the basis of applications, the Embedded Security market from 2015 to 2025 covers:

Wearables
Smartphones and Tablets
Automotive
Smart Identity Cards
Industrial

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

United States
Europe
China
Japan
India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)

United States
Canada
Mexico
Europe (Covered in Chapter 9)
Germany
UK
France
Italy
Spain
Others
Asia-Pacific (Covered in Chapter 10)
China
Japan
India
South Korea
Southeast Asia
Others
Middle East and Africa (Covered in Chapter 11)
Saudi Arabia
UAE
South Africa
Others
South America (Covered in Chapter 12)
Brazil
Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

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