

Time-sensitive Networking Market Size study, by Component (Switches, Hubs, Routers, and Gateways, Connectors, Communication Interfaces, Controllers and Processors, Memory) and Regional Forecasts 2021-2027

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Abstracts

Time-sensitive Networking Market size is projected to reach USD 1836 million by 2027 from an estimated USD 86 million in 2020, at a CAGR of 54.7% from 2021 to 2027. A set of IEEE 802 Ethernet sub-standards is called time-sensitive networking defined by the IEEE TSN task group. Such standards enable deterministic real-time communication over the ethernet. Growing adoption of industrial IoT and rising need for real-time networking in various applications is driving the market growth. Market players are consistently putting in efforts for developing new and advanced solutions. For instance, in April 2020, Rockwell Automation joined the Shapers, which is a group consisting of various industry leaders, to create a communication solution for real-time and sensor-to-cloud applications in industrial operations. Moreover, growing testbed activities, increasing interest for TSN in automotive application is expected to provide new opportunities to the market. However, TSN standards are unable to provide customized solutions which can hamper the market growth.

Major market player included in this report are:

Analog Devices Inc.

Belden Inc.

Broadcom Inc.

Cisco Systems Inc.

Intel Corp.

NXP Semiconductors NV

Renesas Electronics Corp.

Rockwell Automation Inc.

Schneider Electric SE

Xilinx Inc.

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available 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 Component:

Switches

Hubs, Routers and Gateways

Connectors

Communication Interfaces

Controllers and Processes

Memory

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea
Ro APAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019
Base year – 2020
Forecast period – 2021 to 2027

Target Audience of the Time-sensitive Networking Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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