

Global Data Acquisition Market Size study, by Channel (Less than 32, 32-128, and Greater than 128), by Type (Hardware and Software), by Industry Verticals (Water and Waste Treatment, Power & Energy, Automotive, Education and Research, Aerospace & Defense, Paper and Pulp, Chemicals and Other End-Users) and Regional Forecasts 2020-2026

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Abstracts

Global Data Acquisition Market is valued approximately USD 1.8 billion in 2019 and is anticipated to grow with a healthy growth rate of more than 5.6% over the forecast period 2019-2026. Data management solutions play a key role in industrial sector in real-time decision taking. When businesses move into a data-centered approach in manufacturing and operations to retain a strategic advantage while allowing consumers access to the data at all time, regardless of the location, data collection systems have evolved from pure retrieval systems to the key to realizing the full benefits of automation. The exciting development of the Ethernet is one of the major drivers of the data acquisition market. During the past two years, Industrial Ethernet has evolved more quickly than conventional field buses and has now overtaken field buses. The demand has been strengthened by the increasing need for higher Internet speeds, streamlined factory deployment integration, IoT implementation, and industrial controls. These developments have played a key role in growing demand for data collection systems. In turn, the introduction of factory automation and smart manufacturing worldwide is a significant catalyst of growth for the data acquisition industry. Those involve managing numerous device parameters, as well as controlling a myriad of data streams when sharing real-time data, which includes PLCs, files, software programs, and current data collection processes, to improve process efficiency as well as floor activities.

The regional analysis of CNC Milling Machines market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is expected to register significant growth over the forecast period over the forecast period owing to the presence of major market players in the region. Moreover, Sectors such as transportation, defense & government facilities, automobiles, wireless communication, and telecommunications and energy are expected to drive the DAQ device demand in the country. Increasing the need for real-time data monitoring, improved visibility, and control over development operation drives the implementation of the DAQ program in this area.

Major market player included in this report are:

Advantech Co. Ltd

Spectris PLC (HBM and Bruel & Kjaer and Omega)

National Instruments Corporation

Schneider Electric SE

ABB Ltd

Honeywell International Inc.

Siemens AG

Rockwell Automation Inc.

Keysight Technologies

General Electric Ltd

Omron Corporation

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 Channel:

Less than 32

32-128

Greater than 128

By Type:

Hardware

Software

By Industry Verticals:

Water and Waste Treatment

Power & Energy

Automotive

Education and Research

Aerospace & Defense

Paper and Pulp

Chemicals

Other End-Users

By Region:

North America

U.S.

Canada

Europe

UK

Germany

Asia Pacific

China

India

Japan

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2016, 2017, 2018

Base year – 20198

Forecast period – 2020 to 2026

Target Audience of the CNC Milling Machines 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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Spectris PLC (HBM and Bruel & Kjaer and Omega)
National Instruments Corporation
Schneider Electric SE
ABB Ltd

Honeywell International Inc.
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