

Industrial Ethernet Switches Market - Forecasts from 2018 to 2023

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Abstracts

The global industrial ethernet switches market is expected to witness a CAGR of 2.65% during the forecast period and will grow to US\$33.685 billion market value globally by the end of 2023. The global Ethernet consumption is driven by the continuously widening array of applications and end-user industries. Adoption of IIoT by a variety of industries is also a contributing factor towards its market growth. Further, end-users from various vertical are realizing adoption of IIoT for increasing efficiency and reduce downtime. However, the global market for Industrial Ethernet switches may face restraints due to high capital investments involved during initial installations and additional services. Also, lack of skilled labor in a number of countries is another issue for its operation. Industrial Ethernet switch market is expected to grow as various advancements in Ethernet technologies render companies' ability to monitor their assets anywhere on the globe.

By End user

The automotive segment held major market share in 2016. The global industrial Ethernet switches market is highly driven by automotive segment and will dominate the market over the next few years with advancements in the industry. The growth of industrial Ethernet switch market is aided by the growth of automation in end-user verticals such as Aerospace & Defence, Energy & Power Industry, Oil & Gas Industry and others.

By Geography

North America and Europe hold a key share in the global industrial ethernet switches market due to high automation in industries in these regions. The larger market share is

also aided by the presence of various production units for smart grid, manufacturing industries and security and surveillance companies. Asia-pacific region is expected to witness the highest growth rate during the forecast period owing to the large scale automation in emerging markets such as India and China.

Competitive Insights

The key vendors in the global industrial ethernet switches market are namely Beckhoff Automation, Cisco, Rockwell Automation, Schneider Electric, Siemens, ABB, Belden, and GE among others. In order, to increase the market share major vendors are launching a variety of products that can be used in wide array of set-ups. In 2016, Siemens launched new Ethernet switch SCALANCE XC-100, which can be utilized to establish electrical, optical line, and star structures for machine-level networking. These new products have widened the scope of Industrial Ethernet switches to different environmental conditions such as ship-building, transportation, series machine construction, and Oil & gas industry.

Segmentation

The global industrial ethernet switches industry is segmented on basis of type, end-user and geography.

By Type

Unmanaged

Managed

By End-user

Manufacturing

Aerospace & Defence

Energy & Power

Oil & Gas Industry

Mining

Automotive

Others

By Geography

North America

United States

Canada

Mexico

South America

Brazil

Argentina

Others

Europe

United kingdom

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Australia

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