

# **Global Tunnel Automation System Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023**

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## **Abstracts**

Tunnel automation solutions comprise a broad set of technologies that enable the monitoring and management of tunnel environments in extremely harsh conditions by providing a continuous stream of information. Increasing incidents of fatal accidents in tunnels is a growing concern for several governments and tunnel management authorities worldwide; they are focusing on adopting tunnel automation as a solution to avoid accidents inside tunnels. Different components of tunnel automation include HVAC, lighting & power supply, signalization systems (traffic control, public announcement, and alarm systems), and other components (fire detection, traffic management, central control and monitoring, video surveillance, incident detection, communication, and gas detection systems).

Scope of the Report:

Europe is likely to account for the largest share of the tunnel automation market during the forecast period. The growth of the market in Europe can be attributed to the presence of well-established manufacturing industries, increased demand for public transport in most cities, and presence of several mountain ranges in the region.

The global Tunnel Automation System market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Tunnel Automation System.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

This report studies the Tunnel Automation System market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Tunnel Automation System market by product type and applications/end industries.

Market Segment by Companies, this report covers

Siemens

Johnson Controls

ABB

Sick

Honeywell

Philips Lighting

Trane

Swarco

Eaton

Kapsch

Psi Incontrol

Agidens

Sice

Indra

Osram

Advantech

Codel International

GE

Phoenix Contact

Delta Electronics

#### Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

#### Market Segment by Type, covers

HVAC

Lighting & Power Supply

Signalization

Others

Market Segment by Applications, can be divided into

Railway Tunnels

Highway and Roadway Tunnels

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