

Tunnel Automation - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Tunnel Automation Market is accounted for \$2.93 billion in 2017 and is expected to reach \$7.08 billion by 2026 growing at a CAGR of 10.3% during the forecast period. Some of the key factors driving the market growth include the increasing number of tunnel construction projects, positive government regulations, integration of IoT & cloud with tunnel automation solutions and advancements in traffic automation technology. However, high costs of installation & maintenance and lack of knowledgeable & technically skilled professionals are some key factors hampering the market growth.

Tunnels allow intersecting traffic to flow at high speeds. The tunnel is a covered pathway that facilitates the swift movement of rail traffic, road traffic or sometimes a tunnel is made for a canal. A tunnel is an integration of a huge number of lighting systems, ventilation systems, and speed limit sensors, that consume a large amount of power and hence needs to be operated efficiently to control the traffic. Minor failure in the power supply or operation fault of any system may lead to accidents. Therefore, the automation of the tunnel system provides an exceptional option to prevent such unfortunate incidents.

On the basis of Component, HVAC is likely to have significant growth in the global market during the forecast period due to a necessity to provide forced ventilation inside tunnels as tunnel enclosures have partial access from outside and do not have natural ventilation. By geography, Asia Pacific is anticipated to grow at a considerable rate during the forecast period. Infrastructure development in these countries is developing at a considerable rate owing to quick urbanization and financial enlargement of various emerging economies in the region is driving the regional growth. Factors such as rising population and rapid urbanization have led to an increase in the use of highways and

railways. To ensure connectivity across the entire region, governments of several countries are heavily investing in infrastructural development, such as building highways and railways and these factors are fuelling the market growth in this region.

Some of the key players in the market are ABB Group, Siemens, Honeywell, Johnson Controls, Philips Lighting, Sick Ag, Eaton, Trane, Kapsch, Swarco, General Electric, Delta Electronics Inc, Phoenix Contact, Agidens International NV, Indra Sistemas, Advantech Co. Ltd., Monitoring Solutions, CODEL International Ltd, SICE and OSRAM GmbH.

Components Covered:

Signalization

Heating, Ventilation, and Air Conditioning

Lighting & Power Supply

Other Components

Tunnels Covered:

Highway and Roadway Tunnels

Railway Tunnels

Offerings Covered:

Services

Hardware

Software

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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