

# **Trunking System Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (Cable Trunking, Power Trunking, Busbar Trunking, Floor Trunking, Lighting Trunking), By Material (PVC, Steel, Aluminum, Others), By End-Use Industry (Construction, Manufacturing, Energy and Utilities, IT and Telecom, Healthcare, Retail), By Region & Competition, 2020-2030F**

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## **Abstracts**

### Market Overview

The Global Trunking System Market was valued at USD 12.24 Billion in 2024 and is anticipated to reach USD 17.38 Billion by 2030, growing at a CAGR of 5.86% during the forecast period. This market encompasses the global industry involved in the production, distribution, and implementation of trunking systems—modular cable management solutions designed to organize and safeguard electrical wiring and communication lines. Made primarily from materials such as PVC, aluminum, or steel, trunking systems are integral in commercial, industrial, and residential infrastructure for structured cable routing. Their adoption facilitates safety, maintenance efficiency, and aesthetic improvements in environments ranging from office buildings and hospitals to data centers and industrial plants. With growing emphasis on efficient and scalable electrical infrastructure, trunking systems are increasingly preferred over conventional conduit-based setups. Their flexibility and ease of installation are key factors driving demand, particularly as global urbanization and smart infrastructure initiatives accelerate.

## Key Market Drivers

### Rapid Urbanization and Infrastructure Development

Urban expansion and large-scale infrastructure projects are major contributors to the growth of the trunking system market. As cities worldwide invest in modernizing residential, commercial, and industrial buildings, the need for organized and efficient cable management systems becomes critical. Trunking systems enable structured power and communication routing in dense environments such as high-rise buildings, manufacturing facilities, and smart cities. Particularly in developing regions like Asia-Pacific and the Middle East, infrastructure modernization and the integration of digital technologies, including IoT, drive the demand for advanced trunking solutions. These systems support streamlined cable layouts for improved operational efficiency, reduced installation time, and future scalability, making them essential to contemporary construction projects focused on safety, sustainability, and automation.

## Key Market Challenges

### High Initial Costs and Budget Constraints

The adoption of trunking systems, particularly advanced configurations like busbar trunking, is hindered by the high upfront costs involved in procurement, installation, and integration. These systems require high-quality materials—such as copper or aluminum—and specialized labor for proper deployment, adding to the initial financial burden. Small and mid-sized businesses, especially in price-sensitive regions such as parts of Asia-Pacific and Latin America, often face limited budgets that prompt them to choose more affordable but less efficient traditional solutions. Additionally, the need for customization to accommodate modern technologies and system scalability further increases the complexity and cost. Total cost of ownership, which includes maintenance and potential upgrades, remains a concern for users operating under tight financial constraints. Market growth in emerging economies is further challenged by economic volatility, which affects infrastructure investment cycles and delays large-scale deployments of trunking systems.

## Key Market Trends

### Rising Integration of Smart Cabling Solutions in Commercial Infrastructure

One of the leading trends influencing the trunking system market is the increasing

adoption of smart cabling solutions to support modern commercial infrastructure. As buildings evolve into digitally managed environments incorporating IoT, smart lighting, and automated systems, there is a growing demand for trunking solutions that can handle both power and data distribution efficiently. Manufacturers are developing modular, plug-and-play trunking systems with built-in flexibility for future upgrades and layout changes, enabling easy cable access and routing. Features such as customizable compartments and labeling tools help manage dense wiring networks in open-plan offices, hospitals, and data centers. These innovations align with global trends favoring lean and adaptive construction practices, reinforcing the importance of trunking systems in next-generation smart buildings where accessibility, organization, and aesthetic integration are essential.

### Key Market Players

Legrand S.A.

ABB Ltd.

Schneider Electric SE

Eaton Corporation plc

Siemens AG

Niedax Group

Atkore International Group Inc.

Hager Group

MK Electric (A Honeywell Company)

OBO Bettermann Group

### Report Scope:

In this report, the Global Trunking System Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

#### Trunking System Market, By Type:

- Cable Trunking
- Power Trunking
- Busbar Trunking
- Floor Trunking
- Lighting Trunking

#### Trunking System Market, By Material:

- PVC
- Steel
- Aluminum
- Others

#### Trunking System Market, By End-Use Industry:

- Construction
- Manufacturing
- Energy and Utilities
- IT and Telecom
- Healthcare

Retail

Trunking System Market, By Region:

North America

United States

Canada

Mexico

Europe

Germany

France

United Kingdom

Italy

Spain

South America

Brazil

Argentina

Colombia

Asia-Pacific

China

India

Japan

South Korea

Australia

Middle East & Africa

Saudi Arabia

UAE

South Africa

## Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Trunking System Market.

## Available Customizations:

Global Trunking System Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## Company Information

Detailed analysis and profiling of additional market players (up to five).

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