

# **Smart Railway Market by System (Passenger Information System, Rail & Freight Operations Management System, Smart Safety & Security Monitoring System, Rail communication & Networking System, Smart Ticketing System, Rail Analytics System, and Others) and Offering Type (Solutions, Components & Devices, and Services): Global Opportunity Analysis and Industry Forecast, 2020–2027**

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## **Abstracts**

Smart railway is an integration of the latest technologies, including Internet of Things (IoT), big data, cloud, analytics, artificial intelligence (AI), global positioning system (GPS), and machine learning (ML) to make rail operations more efficient and accurate. Smart railway solutions result to interconnected trains, infrastructure, and passengers to attain higher safety, optimized mobility, and lower costs. Under the scope of the research, solutions, devices & components, and services have been covered, which support rail companies to collect data to monitor and analyze all railway-related operations with high precision and accuracy. Majority of railways are operated through government authorities where procurement and installation of such smart technologies are done through contracts and agreements. Entering into contracts/agreements with rail operators for long-term business opportunities is the key strategy adopted by participants in global Smart Railway market.

The global smart railway market is segmented into system, offering type, and region. Depending on system, the market is categorized into passenger information system, rail & freight operations management system, smart safety & security monitoring system,

rail communication & networking system, smart ticketing system, rail analytics system, and others. On the basis of offering type, it is segregated into solutions, components & devices, and services. Region wise, it is studied across North America, Europe, Asia-Pacific, and LAMEA.

Key players profiled in the report include Alstom, BOMBARDIER INC., ABB Ltd, Siemens AG, Cisco Systems, Inc., Huawei Technologies Co., Ltd., IBM, Indra Sistemas, S.A., Hitachi, Ltd., and Aitek S.P.A.

## **KEY BENEFITS FOR STAKEHOLDERS**

This study presents analytical depiction of the global Smart Railway market along with the current trends and future estimations to depict the imminent investment pockets.

The overall market potential is determined to understand the profitable trends to enable stakeholders gain a stronger foothold in the market.

The report presents information related to key drivers, restraints, and opportunities with a detailed impact analysis.

The current market is quantitatively analyzed from 2019 to 2027 to highlight the financial competency of the market.

Porter's five forces analysis illustrates the potency of the buyers and suppliers.

## **KEY MARKET SEGMENTS**

### **By System**

Passenger Information System

Rail & Freight Operations Management System

Smart Safety & Security Monitoring System

Rail communication & Networking System

Smart Ticketing System

Rail Analytics System

Others

### By Offering Type

Solutions

Components & Devices

Services

### By Region

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Spain

Russia

Rest of Europe

## Asia-Pacific

China

India

Japan

South Korea

Rest of Asia-Pacific

## LAMEA

Latin America

Middle East

Africa

## KEY PLAYERS

Alstom

BOMBARDIER INC.

ABB Ltd

Siemens AG

Cisco Systems, Inc.

Huawei Technologies Co., Ltd.

IBM

Indra Sistemas, S.A.

Hitachi, Ltd.

Aitek S.P.A.

### **List of Company Profiles**

Key players profiled in the smart railway market report include Alstom, BOMBARDIER INC., ABB Ltd, Siemens AG, Cisco Systems, Inc., Huawei Technologies Co., Ltd., IBM, Indra Sistemas, S.A., Hitachi, Ltd., and Aitek S.P.A.

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