

Global Automatic Train Protection Market Growth 2022-2028

<https://marketpublishers.com/r/GC40129188E9EN.html>

Date: October 2022

Pages: 101

Price: US\$ 3,660.00 (Single User License)

ID: GC40129188E9EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The global market for Automatic Train Protection is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Automatic Train Protection market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Automatic Train Protection market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Automatic Train Protection market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Automatic Train Protection market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Automatic Train Protection players cover Bombardier Transportation, Siemens, Hitachi Ltd., Thales and Alstom, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

Report Coverage

This latest report provides a deep insight into the global Automatic Train Protection market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Automatic Train Protection market, with both quantitative and qualitative data, to help readers understand how the Automatic Train Protection market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in K Units.

Market Segmentation:

The study segments the Automatic Train Protection market and forecasts the market size by Type (Conventional ATP and Digital ATP,), by Application (Urban Traffic and Crosstown Traffic.), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

Conventional ATP

Digital ATP

Segmentation by application

Urban Traffic

Crosstown Traffic

Segmentation by region

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

Major companies covered

Bombardier Transportation

Siemens

Hitachi Ltd.

Thales

Alstom

Ansaldo

AZD Praha

CAF

Mermec

Hollysys

Nippon Signal

Beijing Traffic Control Technology Co., Ltd

CRSC (Beijing Railway Signal)

Chapter Introduction

Chapter 1: Scope of Automatic Train Protection, Research Methodology, etc.

Chapter 2: Executive Summary, global Automatic Train Protection market size (sales and revenue) and CAGR, Automatic Train Protection market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Automatic Train Protection sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Automatic Train Protection sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Automatic Train Protection market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Bombardier Transportation, Siemens, Hitachi Ltd., Thales, Alstom, Ansaldo, AZD Praha, CAF and Mermec, etc.

Chapter 14: Research Findings and Conclusion

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Automatic Train Protection Annual Sales 2017-2028
 - 2.1.2 World Current & Future Analysis for Automatic Train Protection by Geographic Region, 2017, 2022 & 2028
 - 2.1.3 World Current & Future Analysis for Automatic Train Protection by Country/Region, 2017, 2022 & 2028
- 2.2 Automatic Train Protection Segment by Type
 - 2.2.1 Conventional ATP
 - 2.2.2 Digital ATP
- 2.3 Automatic Train Protection Sales by Type
 - 2.3.1 Global Automatic Train Protection Sales Market Share by Type (2017-2022)
 - 2.3.2 Global Automatic Train Protection Revenue and Market Share by Type (2017-2022)
 - 2.3.3 Global Automatic Train Protection Sale Price by Type (2017-2022)
- 2.4 Automatic Train Protection Segment by Application
 - 2.4.1 Urban Traffic
 - 2.4.2 Crosstown Traffic
- 2.5 Automatic Train Protection Sales by Application
 - 2.5.1 Global Automatic Train Protection Sale Market Share by Application (2017-2022)
 - 2.5.2 Global Automatic Train Protection Revenue and Market Share by Application (2017-2022)
 - 2.5.3 Global Automatic Train Protection Sale Price by Application (2017-2022)

3 GLOBAL AUTOMATIC TRAIN PROTECTION BY COMPANY

- 3.1 Global Automatic Train Protection Breakdown Data by Company
 - 3.1.1 Global Automatic Train Protection Annual Sales by Company (2020-2022)
 - 3.1.2 Global Automatic Train Protection Sales Market Share by Company (2020-2022)
- 3.2 Global Automatic Train Protection Annual Revenue by Company (2020-2022)
 - 3.2.1 Global Automatic Train Protection Revenue by Company (2020-2022)
 - 3.2.2 Global Automatic Train Protection Revenue Market Share by Company (2020-2022)
- 3.3 Global Automatic Train Protection Sale Price by Company
- 3.4 Key Manufacturers Automatic Train Protection Producing Area Distribution, Sales Area, Product Type
 - 3.4.1 Key Manufacturers Automatic Train Protection Product Location Distribution
 - 3.4.2 Players Automatic Train Protection Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2020-2022)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR AUTOMATIC TRAIN PROTECTION BY GEOGRAPHIC REGION

- 4.1 World Historic Automatic Train Protection Market Size by Geographic Region (2017-2022)
 - 4.1.1 Global Automatic Train Protection Annual Sales by Geographic Region (2017-2022)
 - 4.1.2 Global Automatic Train Protection Annual Revenue by Geographic Region
- 4.2 World Historic Automatic Train Protection Market Size by Country/Region (2017-2022)
 - 4.2.1 Global Automatic Train Protection Annual Sales by Country/Region (2017-2022)
 - 4.2.2 Global Automatic Train Protection Annual Revenue by Country/Region
- 4.3 Americas Automatic Train Protection Sales Growth
- 4.4 APAC Automatic Train Protection Sales Growth
- 4.5 Europe Automatic Train Protection Sales Growth
- 4.6 Middle East & Africa Automatic Train Protection Sales Growth

5 AMERICAS

- 5.1 Americas Automatic Train Protection Sales by Country
 - 5.1.1 Americas Automatic Train Protection Sales by Country (2017-2022)

- 5.1.2 Americas Automatic Train Protection Revenue by Country (2017-2022)
- 5.2 Americas Automatic Train Protection Sales by Type
- 5.3 Americas Automatic Train Protection Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Automatic Train Protection Sales by Region
 - 6.1.1 APAC Automatic Train Protection Sales by Region (2017-2022)
 - 6.1.2 APAC Automatic Train Protection Revenue by Region (2017-2022)
- 6.2 APAC Automatic Train Protection Sales by Type
- 6.3 APAC Automatic Train Protection Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Automatic Train Protection by Country
 - 7.1.1 Europe Automatic Train Protection Sales by Country (2017-2022)
 - 7.1.2 Europe Automatic Train Protection Revenue by Country (2017-2022)
- 7.2 Europe Automatic Train Protection Sales by Type
- 7.3 Europe Automatic Train Protection Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Automatic Train Protection by Country

- 8.1.1 Middle East & Africa Automatic Train Protection Sales by Country (2017-2022)
- 8.1.2 Middle East & Africa Automatic Train Protection Revenue by Country (2017-2022)
- 8.2 Middle East & Africa Automatic Train Protection Sales by Type
- 8.3 Middle East & Africa Automatic Train Protection Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Automatic Train Protection
- 10.3 Manufacturing Process Analysis of Automatic Train Protection
- 10.4 Industry Chain Structure of Automatic Train Protection

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Automatic Train Protection Distributors
- 11.3 Automatic Train Protection Customer

12 WORLD FORECAST REVIEW FOR AUTOMATIC TRAIN PROTECTION BY GEOGRAPHIC REGION

- 12.1 Global Automatic Train Protection Market Size Forecast by Region
 - 12.1.1 Global Automatic Train Protection Forecast by Region (2023-2028)
 - 12.1.2 Global Automatic Train Protection Annual Revenue Forecast by Region (2023-2028)

- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Automatic Train Protection Forecast by Type
- 12.7 Global Automatic Train Protection Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 Bombardier Transportation

- 13.1.1 Bombardier Transportation Company Information
- 13.1.2 Bombardier Transportation Automatic Train Protection Product Offered
- 13.1.3 Bombardier Transportation Automatic Train Protection Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.1.4 Bombardier Transportation Main Business Overview
- 13.1.5 Bombardier Transportation Latest Developments

13.2 Siemens

- 13.2.1 Siemens Company Information
- 13.2.2 Siemens Automatic Train Protection Product Offered
- 13.2.3 Siemens Automatic Train Protection Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.2.4 Siemens Main Business Overview
- 13.2.5 Siemens Latest Developments

13.3 Hitachi Ltd.

- 13.3.1 Hitachi Ltd. Company Information
- 13.3.2 Hitachi Ltd. Automatic Train Protection Product Offered
- 13.3.3 Hitachi Ltd. Automatic Train Protection Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.3.4 Hitachi Ltd. Main Business Overview
- 13.3.5 Hitachi Ltd. Latest Developments

13.4 Thales

- 13.4.1 Thales Company Information
- 13.4.2 Thales Automatic Train Protection Product Offered
- 13.4.3 Thales Automatic Train Protection Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.4.4 Thales Main Business Overview
- 13.4.5 Thales Latest Developments

13.5 Alstom

- 13.5.1 Alstom Company Information

- 13.5.2 Alstom Automatic Train Protection Product Offered
- 13.5.3 Alstom Automatic Train Protection Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.5.4 Alstom Main Business Overview
- 13.5.5 Alstom Latest Developments
- 13.6 Ansaldo
 - 13.6.1 Ansaldo Company Information
 - 13.6.2 Ansaldo Automatic Train Protection Product Offered
 - 13.6.3 Ansaldo Automatic Train Protection Sales, Revenue, Price and Gross Margin (2020-2022)
 - 13.6.4 Ansaldo Main Business Overview
 - 13.6.5 Ansaldo Latest Developments
- 13.7 AZD Praha
 - 13.7.1 AZD Praha Company Information
 - 13.7.2 AZD Praha Automatic Train Protection Product Offered
 - 13.7.3 AZD Praha Automatic Train Protection Sales, Revenue, Price and Gross Margin (2020-2022)
 - 13.7.4 AZD Praha Main Business Overview
 - 13.7.5 AZD Praha Latest Developments
- 13.8 CAF
 - 13.8.1 CAF Company Information
 - 13.8.2 CAF Automatic Train Protection Product Offered
 - 13.8.3 CAF Automatic Train Protection Sales, Revenue, Price and Gross Margin (2020-2022)
 - 13.8.4 CAF Main Business Overview
 - 13.8.5 CAF Latest Developments
- 13.9 Mermec
 - 13.9.1 Mermec Company Information
 - 13.9.2 Mermec Automatic Train Protection Product Offered
 - 13.9.3 Mermec Automatic Train Protection Sales, Revenue, Price and Gross Margin (2020-2022)
 - 13.9.4 Mermec Main Business Overview
 - 13.9.5 Mermec Latest Developments
- 13.10 Hollysys
 - 13.10.1 Hollysys Company Information
 - 13.10.2 Hollysys Automatic Train Protection Product Offered
 - 13.10.3 Hollysys Automatic Train Protection Sales, Revenue, Price and Gross Margin (2020-2022)
 - 13.10.4 Hollysys Main Business Overview

13.10.5 Hollysys Latest Developments

13.11 Nippon Signal

13.11.1 Nippon Signal Company Information

13.11.2 Nippon Signal Automatic Train Protection Product Offered

13.11.3 Nippon Signal Automatic Train Protection Sales, Revenue, Price and Gross Margin (2020-2022)

13.11.4 Nippon Signal Main Business Overview

13.11.5 Nippon Signal Latest Developments

13.12 Beijing Traffic Control Technology Co., Ltd

13.12.1 Beijing Traffic Control Technology Co., Ltd Company Information

13.12.2 Beijing Traffic Control Technology Co., Ltd Automatic Train Protection Product Offered

13.12.3 Beijing Traffic Control Technology Co., Ltd Automatic Train Protection Sales, Revenue, Price and Gross Margin (2020-2022)

13.12.4 Beijing Traffic Control Technology Co., Ltd Main Business Overview

13.12.5 Beijing Traffic Control Technology Co., Ltd Latest Developments

13.13 CRSC (Beijing Railway Signal)

13.13.1 CRSC (Beijing Railway Signal) Company Information

13.13.2 CRSC (Beijing Railway Signal) Automatic Train Protection Product Offered

13.13.3 CRSC (Beijing Railway Signal) Automatic Train Protection Sales, Revenue, Price and Gross Margin (2020-2022)

13.13.4 CRSC (Beijing Railway Signal) Main Business Overview

13.13.5 CRSC (Beijing Railway Signal) Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Automatic Train Protection Annual Sales CAGR by Geographic Region (2017, 2022 & 2028) & (\$ millions)
- Table 2. Automatic Train Protection Annual Sales CAGR by Country/Region (2017, 2022 & 2028) & (\$ millions)
- Table 3. Major Players of Conventional ATP
- Table 4. Major Players of Digital ATP
- Table 5. Global Automatic Train Protection Sales by Type (2017-2022) & (K Units)
- Table 6. Global Automatic Train Protection Sales Market Share by Type (2017-2022)
- Table 7. Global Automatic Train Protection Revenue by Type (2017-2022) & (\$ million)
- Table 8. Global Automatic Train Protection Revenue Market Share by Type (2017-2022)
- Table 9. Global Automatic Train Protection Sale Price by Type (2017-2022) & (US\$/Unit)
- Table 10. Global Automatic Train Protection Sales by Application (2017-2022) & (K Units)
- Table 11. Global Automatic Train Protection Sales Market Share by Application (2017-2022)
- Table 12. Global Automatic Train Protection Revenue by Application (2017-2022)
- Table 13. Global Automatic Train Protection Revenue Market Share by Application (2017-2022)
- Table 14. Global Automatic Train Protection Sale Price by Application (2017-2022) & (US\$/Unit)
- Table 15. Global Automatic Train Protection Sales by Company (2020-2022) & (K Units)
- Table 16. Global Automatic Train Protection Sales Market Share by Company (2020-2022)
- Table 17. Global Automatic Train Protection Revenue by Company (2020-2022) (\$ Millions)
- Table 18. Global Automatic Train Protection Revenue Market Share by Company (2020-2022)
- Table 19. Global Automatic Train Protection Sale Price by Company (2020-2022) & (US\$/Unit)
- Table 20. Key Manufacturers Automatic Train Protection Producing Area Distribution and Sales Area
- Table 21. Players Automatic Train Protection Products Offered
- Table 22. Automatic Train Protection Concentration Ratio (CR3, CR5 and CR10) & (2020-2022)

Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global Automatic Train Protection Sales by Geographic Region (2017-2022) & (K Units)

Table 26. Global Automatic Train Protection Sales Market Share Geographic Region (2017-2022)

Table 27. Global Automatic Train Protection Revenue by Geographic Region (2017-2022) & (\$ millions)

Table 28. Global Automatic Train Protection Revenue Market Share by Geographic Region (2017-2022)

Table 29. Global Automatic Train Protection Sales by Country/Region (2017-2022) & (K Units)

Table 30. Global Automatic Train Protection Sales Market Share by Country/Region (2017-2022)

Table 31. Global Automatic Train Protection Revenue by Country/Region (2017-2022) & (\$ millions)

Table 32. Global Automatic Train Protection Revenue Market Share by Country/Region (2017-2022)

Table 33. Americas Automatic Train Protection Sales by Country (2017-2022) & (K Units)

Table 34. Americas Automatic Train Protection Sales Market Share by Country (2017-2022)

Table 35. Americas Automatic Train Protection Revenue by Country (2017-2022) & (\$ Millions)

Table 36. Americas Automatic Train Protection Revenue Market Share by Country (2017-2022)

Table 37. Americas Automatic Train Protection Sales by Type (2017-2022) & (K Units)

Table 38. Americas Automatic Train Protection Sales Market Share by Type (2017-2022)

Table 39. Americas Automatic Train Protection Sales by Application (2017-2022) & (K Units)

Table 40. Americas Automatic Train Protection Sales Market Share by Application (2017-2022)

Table 41. APAC Automatic Train Protection Sales by Region (2017-2022) & (K Units)

Table 42. APAC Automatic Train Protection Sales Market Share by Region (2017-2022)

Table 43. APAC Automatic Train Protection Revenue by Region (2017-2022) & (\$ Millions)

Table 44. APAC Automatic Train Protection Revenue Market Share by Region (2017-2022)

- Table 45. APAC Automatic Train Protection Sales by Type (2017-2022) & (K Units)
- Table 46. APAC Automatic Train Protection Sales Market Share by Type (2017-2022)
- Table 47. APAC Automatic Train Protection Sales by Application (2017-2022) & (K Units)
- Table 48. APAC Automatic Train Protection Sales Market Share by Application (2017-2022)
- Table 49. Europe Automatic Train Protection Sales by Country (2017-2022) & (K Units)
- Table 50. Europe Automatic Train Protection Sales Market Share by Country (2017-2022)
- Table 51. Europe Automatic Train Protection Revenue by Country (2017-2022) & (\$ Millions)
- Table 52. Europe Automatic Train Protection Revenue Market Share by Country (2017-2022)
- Table 53. Europe Automatic Train Protection Sales by Type (2017-2022) & (K Units)
- Table 54. Europe Automatic Train Protection Sales Market Share by Type (2017-2022)
- Table 55. Europe Automatic Train Protection Sales by Application (2017-2022) & (K Units)
- Table 56. Europe Automatic Train Protection Sales Market Share by Application (2017-2022)
- Table 57. Middle East & Africa Automatic Train Protection Sales by Country (2017-2022) & (K Units)
- Table 58. Middle East & Africa Automatic Train Protection Sales Market Share by Country (2017-2022)
- Table 59. Middle East & Africa Automatic Train Protection Revenue by Country (2017-2022) & (\$ Millions)
- Table 60. Middle East & Africa Automatic Train Protection Revenue Market Share by Country (2017-2022)
- Table 61. Middle East & Africa Automatic Train Protection Sales by Type (2017-2022) & (K Units)
- Table 62. Middle East & Africa Automatic Train Protection Sales Market Share by Type (2017-2022)
- Table 63. Middle East & Africa Automatic Train Protection Sales by Application (2017-2022) & (K Units)
- Table 64. Middle East & Africa Automatic Train Protection Sales Market Share by Application (2017-2022)
- Table 65. Key Market Drivers & Growth Opportunities of Automatic Train Protection
- Table 66. Key Market Challenges & Risks of Automatic Train Protection
- Table 67. Key Industry Trends of Automatic Train Protection
- Table 68. Automatic Train Protection Raw Material

Table 69. Key Suppliers of Raw Materials

Table 70. Automatic Train Protection Distributors List

Table 71. Automatic Train Protection Customer List

Table 72. Global Automatic Train Protection Sales Forecast by Region (2023-2028) & (K Units)

Table 73. Global Automatic Train Protection Sales Market Forecast by Region

Table 74. Global Automatic Train Protection Revenue Forecast by Region (2023-2028) & (\$ millions)

Table 75. Global Automatic Train Protection Revenue Market Share Forecast by Region (2023-2028)

Table 76. Americas Automatic Train Protection Sales Forecast by Country (2023-2028) & (K Units)

Table 77. Americas Automatic Train Protection Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 78. APAC Automatic Train Protection Sales Forecast by Region (2023-2028) & (K Units)

Table 79. APAC Automatic Train Protection Revenue Forecast by Region (2023-2028) & (\$ millions)

Table 80. Europe Automatic Train Protection Sales Forecast by Country (2023-2028) & (K Units)

Table 81. Europe Automatic Train Protection Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 82. Middle East & Africa Automatic Train Protection Sales Forecast by Country (2023-2028) & (K Units)

Table 83. Middle East & Africa Automatic Train Protection Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 84. Global Automatic Train Protection Sales Forecast by Type (2023-2028) & (K Units)

Table 85. Global Automatic Train Protection Sales Market Share Forecast by Type (2023-2028)

Table 86. Global Automatic Train Protection Revenue Forecast by Type (2023-2028) & (\$ Millions)

Table 87. Global Automatic Train Protection Revenue Market Share Forecast by Type (2023-2028)

Table 88. Global Automatic Train Protection Sales Forecast by Application (2023-2028) & (K Units)

Table 89. Global Automatic Train Protection Sales Market Share Forecast by Application (2023-2028)

Table 90. Global Automatic Train Protection Revenue Forecast by Application

(2023-2028) & (\$ Millions)

Table 91. Global Automatic Train Protection Revenue Market Share Forecast by Application (2023-2028)

Table 92. Bombardier Transportation Basic Information, Automatic Train Protection Manufacturing Base, Sales Area and Its Competitors

Table 93. Bombardier Transportation Automatic Train Protection Product Offered

Table 94. Bombardier Transportation Automatic Train Protection Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 95. Bombardier Transportation Main Business

Table 96. Bombardier Transportation Latest Developments

Table 97. Siemens Basic Information, Automatic Train Protection Manufacturing Base, Sales Area and Its Competitors

Table 98. Siemens Automatic Train Protection Product Offered

Table 99. Siemens Automatic Train Protection Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 100. Siemens Main Business

Table 101. Siemens Latest Developments

Table 102. Hitachi Ltd. Basic Information, Automatic Train Protection Manufacturing Base, Sales Area and Its Competitors

Table 103. Hitachi Ltd. Automatic Train Protection Product Offered

Table 104. Hitachi Ltd. Automatic Train Protection Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 105. Hitachi Ltd. Main Business

Table 106. Hitachi Ltd. Latest Developments

Table 107. Thales Basic Information, Automatic Train Protection Manufacturing Base, Sales Area and Its Competitors

Table 108. Thales Automatic Train Protection Product Offered

Table 109. Thales Automatic Train Protection Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 110. Thales Main Business

Table 111. Thales Latest Developments

Table 112. Alstom Basic Information, Automatic Train Protection Manufacturing Base, Sales Area and Its Competitors

Table 113. Alstom Automatic Train Protection Product Offered

Table 114. Alstom Automatic Train Protection Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 115. Alstom Main Business

Table 116. Alstom Latest Developments

Table 117. Ansaldo Basic Information, Automatic Train Protection Manufacturing Base,

Sales Area and Its Competitors

Table 118. Ansaldo Automatic Train Protection Product Offered

Table 119. Ansaldo Automatic Train Protection Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 120. Ansaldo Main Business

Table 121. Ansaldo Latest Developments

Table 122. AZD Praha Basic Information, Automatic Train Protection Manufacturing Base, Sales Area and Its Competitors

Table 123. AZD Praha Automatic Train Protection Product Offered

Table 124. AZD Praha Automatic Train Protection Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 125. AZD Praha Main Business

Table 126. AZD Praha Latest Developments

Table 127. CAF Basic Information, Automatic Train Protection Manufacturing Base, Sales Area and Its Competitors

Table 128. CAF Automatic Train Protection Product Offered

Table 129. CAF Automatic Train Protection Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 130. CAF Main Business

Table 131. CAF Latest Developments

Table 132. Mermec Basic Information, Automatic Train Protection Manufacturing Base, Sales Area and Its Competitors

Table 133. Mermec Automatic Train Protection Product Offered

Table 134. Mermec Automatic Train Protection Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 135. Mermec Main Business

Table 136. Mermec Latest Developments

Table 137. Hollysys Basic Information, Automatic Train Protection Manufacturing Base, Sales Area and Its Competitors

Table 138. Hollysys Automatic Train Protection Product Offered

Table 139. Hollysys Automatic Train Protection Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 140. Hollysys Main Business

Table 141. Hollysys Latest Developments

Table 142. Nippon Signal Basic Information, Automatic Train Protection Manufacturing Base, Sales Area and Its Competitors

Table 143. Nippon Signal Automatic Train Protection Product Offered

Table 144. Nippon Signal Automatic Train Protection Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 145. Nippon Signal Main Business

Table 146. Nippon Signal Latest Developments

Table 147. Beijing Traffic Control Technology Co., Ltd Basic Information, Automatic Train Protection Manufacturing Base, Sales Area and Its Competitors

Table 148. Beijing Traffic Control Technology Co., Ltd Automatic Train Protection Product Offered

Table 149. Beijing Traffic Control Technology Co., Ltd Automatic Train Protection Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 150. Beijing Traffic Control Technology Co., Ltd Main Business

Table 151. Beijing Traffic Control Technology Co., Ltd Latest Developments

Table 152. CRSC (Beijing Railway Signal) Basic Information, Automatic Train Protection Manufacturing Base, Sales Area and Its Competitors

Table 153. CRSC (Beijing Railway Signal) Automatic Train Protection Product Offered

Table 154. CRSC (Beijing Railway Signal) Automatic Train Protection Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 155. CRSC (Beijing Railway Signal) Main Business

Table 156. CRSC (Beijing Railway Signal) Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Automatic Train Protection

Figure 2. Automatic Train Protection Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Automatic Train Protection Sales Growth Rate 2017-2028 (K Units)

Figure 7. Global Automatic Train Protection Revenue Growth Rate 2017-2028 (\$ Millions)

Figure 8. Automatic Train Protection Sales by Region (2021 & 2028) & (\$ millions)

Figure 9. Product Picture of Conventional ATP

Figure 10. Product Picture of Digital ATP

Figure 11. Global Automatic Train Protection Sales Market Share by Type in 2021

Figure 12. Global Automatic Train Protection Revenue Market Share by Type (2017-2022)

Figure 13. Automatic Train Protection Consumed in Urban Traffic

Figure 14. Global Automatic Train Protection Market: Urban Traffic (2017-2022) & (K Units)

Figure 15. Automatic Train Protection Consumed in Crosstown Traffic

Figure 16. Global Automatic Train Protection Market: Crosstown Traffic (2017-2022) & (K Units)

Figure 17. Global Automatic Train Protection Sales Market Share by Application (2017-2022)

Figure 18. Global Automatic Train Protection Revenue Market Share by Application in 2021

Figure 19. Automatic Train Protection Revenue Market by Company in 2021 (\$ Million)

Figure 20. Global Automatic Train Protection Revenue Market Share by Company in 2021

Figure 21. Global Automatic Train Protection Sales Market Share by Geographic Region (2017-2022)

Figure 22. Global Automatic Train Protection Revenue Market Share by Geographic Region in 2021

Figure 23. Global Automatic Train Protection Sales Market Share by Region (2017-2022)

Figure 24. Global Automatic Train Protection Revenue Market Share by Country/Region in 2021

- Figure 25. Americas Automatic Train Protection Sales 2017-2022 (K Units)
- Figure 26. Americas Automatic Train Protection Revenue 2017-2022 (\$ Millions)
- Figure 27. APAC Automatic Train Protection Sales 2017-2022 (K Units)
- Figure 28. APAC Automatic Train Protection Revenue 2017-2022 (\$ Millions)
- Figure 29. Europe Automatic Train Protection Sales 2017-2022 (K Units)
- Figure 30. Europe Automatic Train Protection Revenue 2017-2022 (\$ Millions)
- Figure 31. Middle East & Africa Automatic Train Protection Sales 2017-2022 (K Units)
- Figure 32. Middle East & Africa Automatic Train Protection Revenue 2017-2022 (\$ Millions)
- Figure 33. Americas Automatic Train Protection Sales Market Share by Country in 2021
- Figure 34. Americas Automatic Train Protection Revenue Market Share by Country in 2021
- Figure 35. United States Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)
- Figure 36. Canada Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)
- Figure 37. Mexico Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)
- Figure 38. Brazil Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)
- Figure 39. APAC Automatic Train Protection Sales Market Share by Region in 2021
- Figure 40. APAC Automatic Train Protection Revenue Market Share by Regions in 2021
- Figure 41. China Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)
- Figure 42. Japan Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)
- Figure 43. South Korea Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)
- Figure 44. Southeast Asia Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)
- Figure 45. India Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)
- Figure 46. Australia Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)
- Figure 47. Europe Automatic Train Protection Sales Market Share by Country in 2021
- Figure 48. Europe Automatic Train Protection Revenue Market Share by Country in 2021
- Figure 49. Germany Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)
- Figure 50. France Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)
- Figure 51. UK Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)
- Figure 52. Italy Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)
- Figure 53. Russia Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)
- Figure 54. Middle East & Africa Automatic Train Protection Sales Market Share by Country in 2021
- Figure 55. Middle East & Africa Automatic Train Protection Revenue Market Share by Country in 2021

Figure 56. Egypt Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)

Figure 57. South Africa Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)

Figure 58. Israel Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)

Figure 59. Turkey Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)

Figure 60. GCC Country Automatic Train Protection Revenue Growth 2017-2022 (\$ Millions)

Figure 61. Manufacturing Cost Structure Analysis of Automatic Train Protection in 2021

Figure 62. Manufacturing Process Analysis of Automatic Train Protection

Figure 63. Industry Chain Structure of Automatic Train Protection

Figure 64. Channels of Distribution

Figure 65. Distributors Profiles

I would like to order

Product name: Global Automatic Train Protection Market Growth 2022-2028

Product link: <https://marketpublishers.com/r/GC40129188E9EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GC40129188E9EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970