

Global Automatic Train Monitoring System (ATS) Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

https://marketpublishers.com/r/G488598D5A6AEN.html

Date: February 2023

Pages: 95

Price: US\$ 3,480.00 (Single User License)

ID: G488598D5A6AEN

Abstracts

According to our (Global Info Research) latest study, the global Automatic Train Monitoring System (ATS) market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Automatic Train Monitoring System (ATS) market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Automatic Train Monitoring System (ATS) market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Automatic Train Monitoring System (ATS) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Automatic Train Monitoring System (ATS) market size and forecasts, by Type



and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Automatic Train Monitoring System (ATS) market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Automatic Train Monitoring System (ATS)

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Automatic Train Monitoring System (ATS) market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ADLINK, Mipro Oy, SETEC, LK Comstock and Hitachi, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Automatic Train Monitoring System (ATS) market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Automatic Control of Train Running Route

Editing and Modification of Timetables



Adjustment Control of Train Diagram
Driving Scheduling Mode Setting
Foldback Mode Control and Automatic Foldback Control
Real-time Tracking of Train Operation and Train Number Monitoring
Monitoring of Train Stops, Opening and Closing Doors and On-board Equipment Status
Others
Market segment by Application
Train
High Speed Rail
Subway
Main alauras arread
Major players covered
ADLINK
Mipro Oy
SETEC
LK Comstock
Hitachi
Toshiba

Bombardier



Alstom

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Automatic Train Monitoring System (ATS) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automatic Train Monitoring System (ATS), with price, sales, revenue and global market share of Automatic Train Monitoring System (ATS) from 2018 to 2023.

Chapter 3, the Automatic Train Monitoring System (ATS) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Automatic Train Monitoring System (ATS) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales



quantity, consumption value and market share for key countries in the world, from 2017 to 2022.and Automatic Train Monitoring System (ATS) market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Automatic Train Monitoring System (ATS).

Chapter 14 and 15, to describe Automatic Train Monitoring System (ATS) sales channel, distributors, customers, research findings and conclusion.



Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Automatic Train Monitoring System (ATS)
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
- 1.3.1 Overview: Global Automatic Train Monitoring System (ATS) Consumption Value
- by Type: 2018 Versus 2022 Versus 2029
 - 1.3.2 Automatic Control of Train Running Route
 - 1.3.3 Editing and Modification of Timetables
 - 1.3.4 Adjustment Control of Train Diagram
 - 1.3.5 Driving Scheduling Mode Setting
 - 1.3.6 Foldback Mode Control and Automatic Foldback Control
 - 1.3.7 Real-time Tracking of Train Operation and Train Number Monitoring
- 1.3.8 Monitoring of Train Stops, Opening and Closing Doors and On-board Equipment Status
 - 1.3.9 Others
- 1.4 Market Analysis by Application
- 1.4.1 Overview: Global Automatic Train Monitoring System (ATS) Consumption Value by Application: 2018 Versus 2022 Versus 2029
 - 1.4.2 Train
 - 1.4.3 High Speed Rail
 - 1.4.4 Subway
- 1.5 Global Automatic Train Monitoring System (ATS) Market Size & Forecast
- 1.5.1 Global Automatic Train Monitoring System (ATS) Consumption Value (2018 & 2022 & 2029)
 - 1.5.2 Global Automatic Train Monitoring System (ATS) Sales Quantity (2018-2029)
 - 1.5.3 Global Automatic Train Monitoring System (ATS) Average Price (2018-2029)

2 MANUFACTURERS PROFILES

- 2.1 ADLINK
 - 2.1.1 ADLINK Details
 - 2.1.2 ADLINK Major Business
 - 2.1.3 ADLINK Automatic Train Monitoring System (ATS) Product and Services
- 2.1.4 ADLINK Automatic Train Monitoring System (ATS) Sales Quantity, Average
- Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.1.5 ADLINK Recent Developments/Updates



- 2.2 Mipro Oy
- 2.2.1 Mipro Oy Details
- 2.2.2 Mipro Oy Major Business
- 2.2.3 Mipro Oy Automatic Train Monitoring System (ATS) Product and Services
- 2.2.4 Mipro Oy Automatic Train Monitoring System (ATS) Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.2.5 Mipro Oy Recent Developments/Updates
- 2.3 SETEC
 - 2.3.1 SETEC Details
 - 2.3.2 SETEC Major Business
 - 2.3.3 SETEC Automatic Train Monitoring System (ATS) Product and Services
- 2.3.4 SETEC Automatic Train Monitoring System (ATS) Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.3.5 SETEC Recent Developments/Updates
- 2.4 LK Comstock
 - 2.4.1 LK Comstock Details
 - 2.4.2 LK Comstock Major Business
- 2.4.3 LK Comstock Automatic Train Monitoring System (ATS) Product and Services
- 2.4.4 LK Comstock Automatic Train Monitoring System (ATS) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

0.45114.0 (1.0 (1.0)

- 2.4.5 LK Comstock Recent Developments/Updates
- 2.5 Hitachi
 - 2.5.1 Hitachi Details
 - 2.5.2 Hitachi Major Business
 - 2.5.3 Hitachi Automatic Train Monitoring System (ATS) Product and Services
- 2.5.4 Hitachi Automatic Train Monitoring System (ATS) Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

- 2.5.5 Hitachi Recent Developments/Updates
- 2.6 Toshiba
 - 2.6.1 Toshiba Details
 - 2.6.2 Toshiba Major Business
 - 2.6.3 Toshiba Automatic Train Monitoring System (ATS) Product and Services
 - 2.6.4 Toshiba Automatic Train Monitoring System (ATS) Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.6.5 Toshiba Recent Developments/Updates
- 2.7 Bombardier
 - 2.7.1 Bombardier Details
 - 2.7.2 Bombardier Major Business
 - 2.7.3 Bombardier Automatic Train Monitoring System (ATS) Product and Services



- 2.7.4 Bombardier Automatic Train Monitoring System (ATS) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.7.5 Bombardier Recent Developments/Updates
- 2.8 Alstom
 - 2.8.1 Alstom Details
 - 2.8.2 Alstom Major Business
- 2.8.3 Alstom Automatic Train Monitoring System (ATS) Product and Services
- 2.8.4 Alstom Automatic Train Monitoring System (ATS) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.8.5 Alstom Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: AUTOMATIC TRAIN MONITORING SYSTEM (ATS) BY MANUFACTURER

- 3.1 Global Automatic Train Monitoring System (ATS) Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Automatic Train Monitoring System (ATS) Revenue by Manufacturer (2018-2023)
- 3.3 Global Automatic Train Monitoring System (ATS) Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
- 3.4.1 Producer Shipments of Automatic Train Monitoring System (ATS) by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- 3.4.2 Top 3 Automatic Train Monitoring System (ATS) Manufacturer Market Share in 2022
- 3.4.2 Top 6 Automatic Train Monitoring System (ATS) Manufacturer Market Share in 2022
- 3.5 Automatic Train Monitoring System (ATS) Market: Overall Company Footprint Analysis
 - 3.5.1 Automatic Train Monitoring System (ATS) Market: Region Footprint
- 3.5.2 Automatic Train Monitoring System (ATS) Market: Company Product Type Footprint
- 3.5.3 Automatic Train Monitoring System (ATS) Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION



- 4.1 Global Automatic Train Monitoring System (ATS) Market Size by Region
- 4.1.1 Global Automatic Train Monitoring System (ATS) Sales Quantity by Region (2018-2029)
- 4.1.2 Global Automatic Train Monitoring System (ATS) Consumption Value by Region (2018-2029)
- 4.1.3 Global Automatic Train Monitoring System (ATS) Average Price by Region (2018-2029)
- 4.2 North America Automatic Train Monitoring System (ATS) Consumption Value (2018-2029)
- 4.3 Europe Automatic Train Monitoring System (ATS) Consumption Value (2018-2029)
- 4.4 Asia-Pacific Automatic Train Monitoring System (ATS) Consumption Value (2018-2029)
- 4.5 South America Automatic Train Monitoring System (ATS) Consumption Value (2018-2029)
- 4.6 Middle East and Africa Automatic Train Monitoring System (ATS) Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Automatic Train Monitoring System (ATS) Sales Quantity by Type (2018-2029)
- 5.2 Global Automatic Train Monitoring System (ATS) Consumption Value by Type (2018-2029)
- 5.3 Global Automatic Train Monitoring System (ATS) Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Automatic Train Monitoring System (ATS) Sales Quantity by Application (2018-2029)
- 6.2 Global Automatic Train Monitoring System (ATS) Consumption Value by Application (2018-2029)
- 6.3 Global Automatic Train Monitoring System (ATS) Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Automatic Train Monitoring System (ATS) Sales Quantity by Type (2018-2029)



- 7.2 North America Automatic Train Monitoring System (ATS) Sales Quantity by Application (2018-2029)
- 7.3 North America Automatic Train Monitoring System (ATS) Market Size by Country
- 7.3.1 North America Automatic Train Monitoring System (ATS) Sales Quantity by Country (2018-2029)
- 7.3.2 North America Automatic Train Monitoring System (ATS) Consumption Value by Country (2018-2029)
 - 7.3.3 United States Market Size and Forecast (2018-2029)
 - 7.3.4 Canada Market Size and Forecast (2018-2029)
 - 7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

- 8.1 Europe Automatic Train Monitoring System (ATS) Sales Quantity by Type (2018-2029)
- 8.2 Europe Automatic Train Monitoring System (ATS) Sales Quantity by Application (2018-2029)
- 8.3 Europe Automatic Train Monitoring System (ATS) Market Size by Country
- 8.3.1 Europe Automatic Train Monitoring System (ATS) Sales Quantity by Country (2018-2029)
- 8.3.2 Europe Automatic Train Monitoring System (ATS) Consumption Value by Country (2018-2029)
 - 8.3.3 Germany Market Size and Forecast (2018-2029)
 - 8.3.4 France Market Size and Forecast (2018-2029)
 - 8.3.5 United Kingdom Market Size and Forecast (2018-2029)
 - 8.3.6 Russia Market Size and Forecast (2018-2029)
 - 8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Automatic Train Monitoring System (ATS) Sales Quantity by Type (2018-2029)
- 9.2 Asia-Pacific Automatic Train Monitoring System (ATS) Sales Quantity by Application (2018-2029)
- 9.3 Asia-Pacific Automatic Train Monitoring System (ATS) Market Size by Region
- 9.3.1 Asia-Pacific Automatic Train Monitoring System (ATS) Sales Quantity by Region (2018-2029)
- 9.3.2 Asia-Pacific Automatic Train Monitoring System (ATS) Consumption Value by Region (2018-2029)



- 9.3.3 China Market Size and Forecast (2018-2029)
- 9.3.4 Japan Market Size and Forecast (2018-2029)
- 9.3.5 Korea Market Size and Forecast (2018-2029)
- 9.3.6 India Market Size and Forecast (2018-2029)
- 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
- 9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

- 10.1 South America Automatic Train Monitoring System (ATS) Sales Quantity by Type (2018-2029)
- 10.2 South America Automatic Train Monitoring System (ATS) Sales Quantity by Application (2018-2029)
- 10.3 South America Automatic Train Monitoring System (ATS) Market Size by Country 10.3.1 South America Automatic Train Monitoring System (ATS) Sales Quantity by Country (2018-2029)
- 10.3.2 South America Automatic Train Monitoring System (ATS) Consumption Value by Country (2018-2029)
 - 10.3.3 Brazil Market Size and Forecast (2018-2029)
 - 10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Automatic Train Monitoring System (ATS) Sales Quantity by Type (2018-2029)
- 11.2 Middle East & Africa Automatic Train Monitoring System (ATS) Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa Automatic Train Monitoring System (ATS) Market Size by Country
- 11.3.1 Middle East & Africa Automatic Train Monitoring System (ATS) Sales Quantity by Country (2018-2029)
- 11.3.2 Middle East & Africa Automatic Train Monitoring System (ATS) Consumption Value by Country (2018-2029)
 - 11.3.3 Turkey Market Size and Forecast (2018-2029)
 - 11.3.4 Egypt Market Size and Forecast (2018-2029)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)
 - 11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS



- 12.1 Automatic Train Monitoring System (ATS) Market Drivers
- 12.2 Automatic Train Monitoring System (ATS) Market Restraints
- 12.3 Automatic Train Monitoring System (ATS) Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry
- 12.5 Influence of COVID-19 and Russia-Ukraine War
 - 12.5.1 Influence of COVID-19
 - 12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Automatic Train Monitoring System (ATS) and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Automatic Train Monitoring System (ATS)
- 13.3 Automatic Train Monitoring System (ATS) Production Process
- 13.4 Automatic Train Monitoring System (ATS) Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Automatic Train Monitoring System (ATS) Typical Distributors
- 14.3 Automatic Train Monitoring System (ATS) Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer



List Of Tables

LIST OF TABLES

Table 1. Global Automatic Train Monitoring System (ATS) Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Automatic Train Monitoring System (ATS) Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. ADLINK Basic Information, Manufacturing Base and Competitors

Table 4. ADLINK Major Business

Table 5. ADLINK Automatic Train Monitoring System (ATS) Product and Services

Table 6. ADLINK Automatic Train Monitoring System (ATS) Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. ADLINK Recent Developments/Updates

Table 8. Mipro Oy Basic Information, Manufacturing Base and Competitors

Table 9. Mipro Oy Major Business

Table 10. Mipro Oy Automatic Train Monitoring System (ATS) Product and Services

Table 11. Mipro Oy Automatic Train Monitoring System (ATS) Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Mipro Oy Recent Developments/Updates

Table 13. SETEC Basic Information, Manufacturing Base and Competitors

Table 14. SETEC Major Business

Table 15. SETEC Automatic Train Monitoring System (ATS) Product and Services

Table 16. SETEC Automatic Train Monitoring System (ATS) Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. SETEC Recent Developments/Updates

Table 18. LK Comstock Basic Information, Manufacturing Base and Competitors

Table 19. LK Comstock Major Business

Table 20. LK Comstock Automatic Train Monitoring System (ATS) Product and Services

Table 21. LK Comstock Automatic Train Monitoring System (ATS) Sales Quantity (K

Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. LK Comstock Recent Developments/Updates

Table 23. Hitachi Basic Information, Manufacturing Base and Competitors

Table 24. Hitachi Major Business

Table 25. Hitachi Automatic Train Monitoring System (ATS) Product and Services



- Table 26. Hitachi Automatic Train Monitoring System (ATS) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 27. Hitachi Recent Developments/Updates
- Table 28. Toshiba Basic Information, Manufacturing Base and Competitors
- Table 29. Toshiba Major Business
- Table 30. Toshiba Automatic Train Monitoring System (ATS) Product and Services
- Table 31. Toshiba Automatic Train Monitoring System (ATS) Sales Quantity (K Units),
- Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 32. Toshiba Recent Developments/Updates
- Table 33. Bombardier Basic Information, Manufacturing Base and Competitors
- Table 34. Bombardier Major Business
- Table 35. Bombardier Automatic Train Monitoring System (ATS) Product and Services
- Table 36. Bombardier Automatic Train Monitoring System (ATS) Sales Quantity (K
- Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 37. Bombardier Recent Developments/Updates
- Table 38. Alstom Basic Information, Manufacturing Base and Competitors
- Table 39. Alstom Major Business
- Table 40. Alstom Automatic Train Monitoring System (ATS) Product and Services
- Table 41. Alstom Automatic Train Monitoring System (ATS) Sales Quantity (K Units),
- Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 42. Alstom Recent Developments/Updates
- Table 43. Global Automatic Train Monitoring System (ATS) Sales Quantity by Manufacturer (2018-2023) & (K Units)
- Table 44. Global Automatic Train Monitoring System (ATS) Revenue by Manufacturer (2018-2023) & (USD Million)
- Table 45. Global Automatic Train Monitoring System (ATS) Average Price by Manufacturer (2018-2023) & (US\$/Unit)
- Table 46. Market Position of Manufacturers in Automatic Train Monitoring System (ATS), (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022
- Table 47. Head Office and Automatic Train Monitoring System (ATS) Production Site of Key Manufacturer
- Table 48. Automatic Train Monitoring System (ATS) Market: Company Product Type Footprint
- Table 49. Automatic Train Monitoring System (ATS) Market: Company Product Application Footprint



Table 50. Automatic Train Monitoring System (ATS) New Market Entrants and Barriers to Market Entry

Table 51. Automatic Train Monitoring System (ATS) Mergers, Acquisition, Agreements, and Collaborations

Table 52. Global Automatic Train Monitoring System (ATS) Sales Quantity by Region (2018-2023) & (K Units)

Table 53. Global Automatic Train Monitoring System (ATS) Sales Quantity by Region (2024-2029) & (K Units)

Table 54. Global Automatic Train Monitoring System (ATS) Consumption Value by Region (2018-2023) & (USD Million)

Table 55. Global Automatic Train Monitoring System (ATS) Consumption Value by Region (2024-2029) & (USD Million)

Table 56. Global Automatic Train Monitoring System (ATS) Average Price by Region (2018-2023) & (US\$/Unit)

Table 57. Global Automatic Train Monitoring System (ATS) Average Price by Region (2024-2029) & (US\$/Unit)

Table 58. Global Automatic Train Monitoring System (ATS) Sales Quantity by Type (2018-2023) & (K Units)

Table 59. Global Automatic Train Monitoring System (ATS) Sales Quantity by Type (2024-2029) & (K Units)

Table 60. Global Automatic Train Monitoring System (ATS) Consumption Value by Type (2018-2023) & (USD Million)

Table 61. Global Automatic Train Monitoring System (ATS) Consumption Value by Type (2024-2029) & (USD Million)

Table 62. Global Automatic Train Monitoring System (ATS) Average Price by Type (2018-2023) & (US\$/Unit)

Table 63. Global Automatic Train Monitoring System (ATS) Average Price by Type (2024-2029) & (US\$/Unit)

Table 64. Global Automatic Train Monitoring System (ATS) Sales Quantity by Application (2018-2023) & (K Units)

Table 65. Global Automatic Train Monitoring System (ATS) Sales Quantity by Application (2024-2029) & (K Units)

Table 66. Global Automatic Train Monitoring System (ATS) Consumption Value by Application (2018-2023) & (USD Million)

Table 67. Global Automatic Train Monitoring System (ATS) Consumption Value by Application (2024-2029) & (USD Million)

Table 68. Global Automatic Train Monitoring System (ATS) Average Price by Application (2018-2023) & (US\$/Unit)

Table 69. Global Automatic Train Monitoring System (ATS) Average Price by



Application (2024-2029) & (US\$/Unit)

Table 70. North America Automatic Train Monitoring System (ATS) Sales Quantity by Type (2018-2023) & (K Units)

Table 71. North America Automatic Train Monitoring System (ATS) Sales Quantity by Type (2024-2029) & (K Units)

Table 72. North America Automatic Train Monitoring System (ATS) Sales Quantity by Application (2018-2023) & (K Units)

Table 73. North America Automatic Train Monitoring System (ATS) Sales Quantity by Application (2024-2029) & (K Units)

Table 74. North America Automatic Train Monitoring System (ATS) Sales Quantity by Country (2018-2023) & (K Units)

Table 75. North America Automatic Train Monitoring System (ATS) Sales Quantity by Country (2024-2029) & (K Units)

Table 76. North America Automatic Train Monitoring System (ATS) Consumption Value by Country (2018-2023) & (USD Million)

Table 77. North America Automatic Train Monitoring System (ATS) Consumption Value by Country (2024-2029) & (USD Million)

Table 78. Europe Automatic Train Monitoring System (ATS) Sales Quantity by Type (2018-2023) & (K Units)

Table 79. Europe Automatic Train Monitoring System (ATS) Sales Quantity by Type (2024-2029) & (K Units)

Table 80. Europe Automatic Train Monitoring System (ATS) Sales Quantity by Application (2018-2023) & (K Units)

Table 81. Europe Automatic Train Monitoring System (ATS) Sales Quantity by Application (2024-2029) & (K Units)

Table 82. Europe Automatic Train Monitoring System (ATS) Sales Quantity by Country (2018-2023) & (K Units)

Table 83. Europe Automatic Train Monitoring System (ATS) Sales Quantity by Country (2024-2029) & (K Units)

Table 84. Europe Automatic Train Monitoring System (ATS) Consumption Value by Country (2018-2023) & (USD Million)

Table 85. Europe Automatic Train Monitoring System (ATS) Consumption Value by Country (2024-2029) & (USD Million)

Table 86. Asia-Pacific Automatic Train Monitoring System (ATS) Sales Quantity by Type (2018-2023) & (K Units)

Table 87. Asia-Pacific Automatic Train Monitoring System (ATS) Sales Quantity by Type (2024-2029) & (K Units)

Table 88. Asia-Pacific Automatic Train Monitoring System (ATS) Sales Quantity by Application (2018-2023) & (K Units)



Table 89. Asia-Pacific Automatic Train Monitoring System (ATS) Sales Quantity by Application (2024-2029) & (K Units)

Table 90. Asia-Pacific Automatic Train Monitoring System (ATS) Sales Quantity by Region (2018-2023) & (K Units)

Table 91. Asia-Pacific Automatic Train Monitoring System (ATS) Sales Quantity by Region (2024-2029) & (K Units)

Table 92. Asia-Pacific Automatic Train Monitoring System (ATS) Consumption Value by Region (2018-2023) & (USD Million)

Table 93. Asia-Pacific Automatic Train Monitoring System (ATS) Consumption Value by Region (2024-2029) & (USD Million)

Table 94. South America Automatic Train Monitoring System (ATS) Sales Quantity by Type (2018-2023) & (K Units)

Table 95. South America Automatic Train Monitoring System (ATS) Sales Quantity by Type (2024-2029) & (K Units)

Table 96. South America Automatic Train Monitoring System (ATS) Sales Quantity by Application (2018-2023) & (K Units)

Table 97. South America Automatic Train Monitoring System (ATS) Sales Quantity by Application (2024-2029) & (K Units)

Table 98. South America Automatic Train Monitoring System (ATS) Sales Quantity by Country (2018-2023) & (K Units)

Table 99. South America Automatic Train Monitoring System (ATS) Sales Quantity by Country (2024-2029) & (K Units)

Table 100. South America Automatic Train Monitoring System (ATS) Consumption Value by Country (2018-2023) & (USD Million)

Table 101. South America Automatic Train Monitoring System (ATS) Consumption Value by Country (2024-2029) & (USD Million)

Table 102. Middle East & Africa Automatic Train Monitoring System (ATS) Sales Quantity by Type (2018-2023) & (K Units)

Table 103. Middle East & Africa Automatic Train Monitoring System (ATS) Sales Quantity by Type (2024-2029) & (K Units)

Table 104. Middle East & Africa Automatic Train Monitoring System (ATS) Sales Quantity by Application (2018-2023) & (K Units)

Table 105. Middle East & Africa Automatic Train Monitoring System (ATS) Sales Quantity by Application (2024-2029) & (K Units)

Table 106. Middle East & Africa Automatic Train Monitoring System (ATS) Sales Quantity by Region (2018-2023) & (K Units)

Table 107. Middle East & Africa Automatic Train Monitoring System (ATS) Sales Quantity by Region (2024-2029) & (K Units)

Table 108. Middle East & Africa Automatic Train Monitoring System (ATS) Consumption



Value by Region (2018-2023) & (USD Million)

Table 109. Middle East & Africa Automatic Train Monitoring System (ATS) Consumption Value by Region (2024-2029) & (USD Million)

Table 110. Automatic Train Monitoring System (ATS) Raw Material

Table 111. Key Manufacturers of Automatic Train Monitoring System (ATS) Raw Materials

Table 112. Automatic Train Monitoring System (ATS) Typical Distributors

Table 113. Automatic Train Monitoring System (ATS) Typical Customers



List Of Figures

LIST OF FIGURES

S

Figure 1. Automatic Train Monitoring System (ATS) Picture

Figure 2. Global Automatic Train Monitoring System (ATS) Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Automatic Train Monitoring System (ATS) Consumption Value Market Share by Type in 2022

Figure 4. Automatic Control of Train Running Route Examples

Figure 5. Editing and Modification of Timetables Examples

Figure 6. Adjustment Control of Train Diagram Examples

Figure 7. Driving Scheduling Mode Setting Examples

Figure 8. Foldback Mode Control and Automatic Foldback Control Examples

Figure 9. Real-time Tracking of Train Operation and Train Number Monitoring Examples

Figure 10. Monitoring of Train Stops, Opening and Closing Doors and On-board

Equipment Status Examples

Figure 11. Others Examples

Figure 12. Global Automatic Train Monitoring System (ATS) Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 13. Global Automatic Train Monitoring System (ATS) Consumption Value Market Share by Application in 2022

Figure 14. Train Examples

Figure 15. High Speed Rail Examples

Figure 16. Subway Examples

Figure 17. Global Automatic Train Monitoring System (ATS) Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 18. Global Automatic Train Monitoring System (ATS) Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 19. Global Automatic Train Monitoring System (ATS) Sales Quantity (2018-2029) & (K Units)

Figure 20. Global Automatic Train Monitoring System (ATS) Average Price (2018-2029) & (US\$/Unit)

Figure 21. Global Automatic Train Monitoring System (ATS) Sales Quantity Market Share by Manufacturer in 2022

Figure 22. Global Automatic Train Monitoring System (ATS) Consumption Value Market Share by Manufacturer in 2022

Figure 23. Producer Shipments of Automatic Train Monitoring System (ATS) by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021



- Figure 24. Top 3 Automatic Train Monitoring System (ATS) Manufacturer (Consumption Value) Market Share in 2022
- Figure 25. Top 6 Automatic Train Monitoring System (ATS) Manufacturer (Consumption Value) Market Share in 2022
- Figure 26. Global Automatic Train Monitoring System (ATS) Sales Quantity Market Share by Region (2018-2029)
- Figure 27. Global Automatic Train Monitoring System (ATS) Consumption Value Market Share by Region (2018-2029)
- Figure 28. North America Automatic Train Monitoring System (ATS) Consumption Value (2018-2029) & (USD Million)
- Figure 29. Europe Automatic Train Monitoring System (ATS) Consumption Value (2018-2029) & (USD Million)
- Figure 30. Asia-Pacific Automatic Train Monitoring System (ATS) Consumption Value (2018-2029) & (USD Million)
- Figure 31. South America Automatic Train Monitoring System (ATS) Consumption Value (2018-2029) & (USD Million)
- Figure 32. Middle East & Africa Automatic Train Monitoring System (ATS) Consumption Value (2018-2029) & (USD Million)
- Figure 33. Global Automatic Train Monitoring System (ATS) Sales Quantity Market Share by Type (2018-2029)
- Figure 34. Global Automatic Train Monitoring System (ATS) Consumption Value Market Share by Type (2018-2029)
- Figure 35. Global Automatic Train Monitoring System (ATS) Average Price by Type (2018-2029) & (US\$/Unit)
- Figure 36. Global Automatic Train Monitoring System (ATS) Sales Quantity Market Share by Application (2018-2029)
- Figure 37. Global Automatic Train Monitoring System (ATS) Consumption Value Market Share by Application (2018-2029)
- Figure 38. Global Automatic Train Monitoring System (ATS) Average Price by Application (2018-2029) & (US\$/Unit)
- Figure 39. North America Automatic Train Monitoring System (ATS) Sales Quantity Market Share by Type (2018-2029)
- Figure 40. North America Automatic Train Monitoring System (ATS) Sales Quantity Market Share by Application (2018-2029)
- Figure 41. North America Automatic Train Monitoring System (ATS) Sales Quantity Market Share by Country (2018-2029)
- Figure 42. North America Automatic Train Monitoring System (ATS) Consumption Value Market Share by Country (2018-2029)
- Figure 43. United States Automatic Train Monitoring System (ATS) Consumption Value



and Growth Rate (2018-2029) & (USD Million)

Figure 44. Canada Automatic Train Monitoring System (ATS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 45. Mexico Automatic Train Monitoring System (ATS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. Europe Automatic Train Monitoring System (ATS) Sales Quantity Market Share by Type (2018-2029)

Figure 47. Europe Automatic Train Monitoring System (ATS) Sales Quantity Market Share by Application (2018-2029)

Figure 48. Europe Automatic Train Monitoring System (ATS) Sales Quantity Market Share by Country (2018-2029)

Figure 49. Europe Automatic Train Monitoring System (ATS) Consumption Value Market Share by Country (2018-2029)

Figure 50. Germany Automatic Train Monitoring System (ATS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. France Automatic Train Monitoring System (ATS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. United Kingdom Automatic Train Monitoring System (ATS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Russia Automatic Train Monitoring System (ATS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Italy Automatic Train Monitoring System (ATS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. Asia-Pacific Automatic Train Monitoring System (ATS) Sales Quantity Market Share by Type (2018-2029)

Figure 56. Asia-Pacific Automatic Train Monitoring System (ATS) Sales Quantity Market Share by Application (2018-2029)

Figure 57. Asia-Pacific Automatic Train Monitoring System (ATS) Sales Quantity Market Share by Region (2018-2029)

Figure 58. Asia-Pacific Automatic Train Monitoring System (ATS) Consumption Value Market Share by Region (2018-2029)

Figure 59. China Automatic Train Monitoring System (ATS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Japan Automatic Train Monitoring System (ATS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. Korea Automatic Train Monitoring System (ATS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. India Automatic Train Monitoring System (ATS) Consumption Value and Growth Rate (2018-2029) & (USD Million)



Figure 63. Southeast Asia Automatic Train Monitoring System (ATS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 64. Australia Automatic Train Monitoring System (ATS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 65. South America Automatic Train Monitoring System (ATS) Sales Quantity Market Share by Type (2018-2029)

Figure 66. South America Automatic Train Monitoring System (ATS) Sales Quantity Market Share by Application (2018-2029)

Figure 67. South America Automatic Train Monitoring System (ATS) Sales Quantity Market Share by Country (2018-2029)

Figure 68. South America Automatic Train Monitoring System (ATS) Consumption Value Market Share by Country (2018-2029)

Figure 69. Brazil Automatic Train Monitoring System (ATS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 70. Argentina Automatic Train Monitoring System (ATS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. Middle East & Africa Automatic Train Monitoring System (ATS) Sales Quantity Market Share by Type (2018-2029)

Figure 72. Middle East & Africa Automatic Train Monitoring System (ATS) Sales Quantity Market Share by Application (2018-2029)

Figure 73. Middle East & Africa Automatic Train Monitoring System (ATS) Sales Quantity Market Share by Region (2018-2029)

Figure 74. Middle East & Africa Automatic Train Monitoring System (ATS) Consumption Value Market Share by Region (2018-2029)

Figure 75. Turkey Automatic Train Monitoring System (ATS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. Egypt Automatic Train Monitoring System (ATS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 77. Saudi Arabia Automatic Train Monitoring System (ATS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 78. South Africa Automatic Train Monitoring System (ATS) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 79. Automatic Train Monitoring System (ATS) Market Drivers

Figure 80. Automatic Train Monitoring System (ATS) Market Restraints

Figure 81. Automatic Train Monitoring System (ATS) Market Trends

Figure 82. Porters Five Forces Analysis

Figure 83. Manufacturing Cost Structure Analysis of Automatic Train Monitoring System (ATS) in 2022

Figure 84. Manufacturing Process Analysis of Automatic Train Monitoring System (ATS)



Figure 85. Automatic Train Monitoring System (ATS) Industrial Chain

Figure 86. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 87. Direct Channel Pros & Cons

Figure 88. Indirect Channel Pros & Cons

Figure 89. Methodology

Figure 90. Research Process and Data Source



I would like to order

Product name: Global Automatic Train Monitoring System (ATS) Market 2023 by Manufacturers,

Regions, Type and Application, Forecast to 2029

Product link: https://marketpublishers.com/r/G488598D5A6AEN.html

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G488598D5A6AEN.html

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

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer 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

