

Global Smart Roads Market 2024 by Company, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G50FFA6F8C39EN.html>

Date: September 2024

Pages: 126

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

ID: G50FFA6F8C39EN

Abstracts

Smart roads refer to an innovative concept in transportation infrastructure that leverages advanced technologies to enhance safety, efficiency, and sustainability on roadways. These intelligent road systems integrate various cutting-edge features to create a more responsive and adaptable environment for drivers and vehicles. One key element of a smart road is the incorporation of smart sensors and cameras, along with the road network to collect real-time data on traffic flow, weather conditions, and road hazards. This data is then analyzed and processed by intelligent systems, enabling automated traffic management and predictive maintenance. Smart roads often include dynamic lane markings and signage that can adjust according to changing traffic conditions, providing real-time guidance to drivers and optimizing lane usage. Additionally, advanced communication systems enable vehicle-to-infrastructure (V2I) and vehicle-to-vehicle (V2V) connectivity, fostering cooperative driving and collision avoidance. Beyond the immediate benefits to drivers and commuters, smart roads also contribute to sustainability efforts by optimizing energy consumption through smart lighting and utilizing renewable energy sources. By incorporating smart charging infrastructure for electric vehicles, these roads promote eco-friendly transportation alternatives.

According to our (Global Info Research) latest study, the global Smart Roads market size was valued at US\$ 12620 million in 2023 and is forecast to a readjusted size of USD 20950 million by 2030 with a CAGR of 7.2% during review period.

Global key players of Smart Roads include Mundys (Yunex Traffic), Swarco Holding, Huawei, Sumitomo Electric, Cisco, etc. The top five players hold a share over 32%. China is the largest market, and has a share about 34%, followed by Europe and Americas with share 31% and 18%, separately. In terms of product type, Hardware is the largest segment, occupied for a share of 63%. In terms of application, Urban Traffic

has a share about 52 percent.

This report is a detailed and comprehensive analysis for global Smart Roads market. Both quantitative and qualitative analyses are presented by company, 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 2024, are provided.

Key Features:

Global Smart Roads market size and forecasts, in consumption value (\$ Million), 2019-2030

Global Smart Roads market size and forecasts by region and country, in consumption value (\$ Million), 2019-2030

Global Smart Roads market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2019-2030

Global Smart Roads market shares of main players, in revenue (\$ Million), 2019-2024

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 Smart Roads

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 Smart Roads market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Mundys (Yunex Traffic), Swarco Holding, Huawei, Sumitomo Electric, Cisco, Kapsch, Nippon Signal, Hisense Transtech, Intel, Almoviva, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market segmentation

Smart Roads market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segmentation

Smart Roads 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. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Software

Hardware

Market segment by Application

Urban Traffic

Highway

Bridges and Tunnels

Others

Market segment by players, this report covers

Mundys (Yunex Traffic)

Swarco Holding

Huawei

Sumitomo Electric

Cisco

Kapsch

Nippon Signal

Hisense Transtech

Intel

Almaviva

Q-FREE

IBM

Lianyungang JARI Electronics

MOVYON

Indra Sistemas

LG CNS

Vaisala

Econolite

Alcatel Lucent

Valerann

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Smart Roads product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Smart Roads, with revenue, gross margin, and global market share of Smart Roads from 2019 to 2024.

Chapter 3, the Smart Roads competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024. and Smart Roads market forecast, by regions, by Type and by Application, with consumption value, from 2024 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Smart Roads.

Chapter 13, to describe Smart Roads research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Classification of Smart Roads by Type
 - 1.3.1 Overview: Global Smart Roads Market Size by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 Global Smart Roads Consumption Value Market Share by Type in 2023
 - 1.3.3 Software
 - 1.3.4 Hardware
- 1.4 Global Smart Roads Market by Application
 - 1.4.1 Overview: Global Smart Roads Market Size by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Urban Traffic
 - 1.4.3 Highway
 - 1.4.4 Bridges and Tunnels
 - 1.4.5 Others
- 1.5 Global Smart Roads Market Size & Forecast
- 1.6 Global Smart Roads Market Size and Forecast by Region
 - 1.6.1 Global Smart Roads Market Size by Region: 2019 VS 2023 VS 2030
 - 1.6.2 Global Smart Roads Market Size by Region, (2019-2030)
 - 1.6.3 North America Smart Roads Market Size and Prospect (2019-2030)
 - 1.6.4 Europe Smart Roads Market Size and Prospect (2019-2030)
 - 1.6.5 Asia-Pacific Smart Roads Market Size and Prospect (2019-2030)
 - 1.6.6 South America Smart Roads Market Size and Prospect (2019-2030)
 - 1.6.7 Middle East & Africa Smart Roads Market Size and Prospect (2019-2030)

2 COMPANY PROFILES

- 2.1 Mundys (Yunex Traffic)
 - 2.1.1 Mundys (Yunex Traffic) Details
 - 2.1.2 Mundys (Yunex Traffic) Major Business
 - 2.1.3 Mundys (Yunex Traffic) Smart Roads Product and Solutions
 - 2.1.4 Mundys (Yunex Traffic) Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 Mundys (Yunex Traffic) Recent Developments and Future Plans
- 2.2 Swarco Holding

- 2.2.1 Swarco Holding Details
- 2.2.2 Swarco Holding Major Business
- 2.2.3 Swarco Holding Smart Roads Product and Solutions
- 2.2.4 Swarco Holding Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
- 2.2.5 Swarco Holding Recent Developments and Future Plans
- 2.3 Huawei
 - 2.3.1 Huawei Details
 - 2.3.2 Huawei Major Business
 - 2.3.3 Huawei Smart Roads Product and Solutions
 - 2.3.4 Huawei Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
 - 2.3.5 Huawei Recent Developments and Future Plans
- 2.4 Sumitomo Electric
 - 2.4.1 Sumitomo Electric Details
 - 2.4.2 Sumitomo Electric Major Business
 - 2.4.3 Sumitomo Electric Smart Roads Product and Solutions
 - 2.4.4 Sumitomo Electric Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
 - 2.4.5 Sumitomo Electric Recent Developments and Future Plans
- 2.5 Cisco
 - 2.5.1 Cisco Details
 - 2.5.2 Cisco Major Business
 - 2.5.3 Cisco Smart Roads Product and Solutions
 - 2.5.4 Cisco Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
 - 2.5.5 Cisco Recent Developments and Future Plans
- 2.6 Kapsch
 - 2.6.1 Kapsch Details
 - 2.6.2 Kapsch Major Business
 - 2.6.3 Kapsch Smart Roads Product and Solutions
 - 2.6.4 Kapsch Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
 - 2.6.5 Kapsch Recent Developments and Future Plans
- 2.7 Nippon Signal
 - 2.7.1 Nippon Signal Details
 - 2.7.2 Nippon Signal Major Business
 - 2.7.3 Nippon Signal Smart Roads Product and Solutions
 - 2.7.4 Nippon Signal Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
 - 2.7.5 Nippon Signal Recent Developments and Future Plans
- 2.8 Hisense Transtech

- 2.8.1 Hisense Transtech Details
- 2.8.2 Hisense Transtech Major Business
- 2.8.3 Hisense Transtech Smart Roads Product and Solutions
- 2.8.4 Hisense Transtech Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 Hisense Transtech Recent Developments and Future Plans
- 2.9 Intel
 - 2.9.1 Intel Details
 - 2.9.2 Intel Major Business
 - 2.9.3 Intel Smart Roads Product and Solutions
 - 2.9.4 Intel Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
 - 2.9.5 Intel Recent Developments and Future Plans
- 2.10 Almaviva
 - 2.10.1 Almaviva Details
 - 2.10.2 Almaviva Major Business
 - 2.10.3 Almaviva Smart Roads Product and Solutions
 - 2.10.4 Almaviva Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
 - 2.10.5 Almaviva Recent Developments and Future Plans
- 2.11 Q-FREE
 - 2.11.1 Q-FREE Details
 - 2.11.2 Q-FREE Major Business
 - 2.11.3 Q-FREE Smart Roads Product and Solutions
 - 2.11.4 Q-FREE Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
 - 2.11.5 Q-FREE Recent Developments and Future Plans
- 2.12 IBM
 - 2.12.1 IBM Details
 - 2.12.2 IBM Major Business
 - 2.12.3 IBM Smart Roads Product and Solutions
 - 2.12.4 IBM Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
 - 2.12.5 IBM Recent Developments and Future Plans
- 2.13 Lianyungang JARI Electronics
 - 2.13.1 Lianyungang JARI Electronics Details
 - 2.13.2 Lianyungang JARI Electronics Major Business
 - 2.13.3 Lianyungang JARI Electronics Smart Roads Product and Solutions
 - 2.13.4 Lianyungang JARI Electronics Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
 - 2.13.5 Lianyungang JARI Electronics Recent Developments and Future Plans
- 2.14 MOVYON
 - 2.14.1 MOVYON Details

- 2.14.2 MOVYON Major Business
- 2.14.3 MOVYON Smart Roads Product and Solutions
- 2.14.4 MOVYON Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
- 2.14.5 MOVYON Recent Developments and Future Plans
- 2.15 Indra Sistemas
 - 2.15.1 Indra Sistemas Details
 - 2.15.2 Indra Sistemas Major Business
 - 2.15.3 Indra Sistemas Smart Roads Product and Solutions
 - 2.15.4 Indra Sistemas Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
 - 2.15.5 Indra Sistemas Recent Developments and Future Plans
- 2.16 LG CNS
 - 2.16.1 LG CNS Details
 - 2.16.2 LG CNS Major Business
 - 2.16.3 LG CNS Smart Roads Product and Solutions
 - 2.16.4 LG CNS Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
 - 2.16.5 LG CNS Recent Developments and Future Plans
- 2.17 Vaisala
 - 2.17.1 Vaisala Details
 - 2.17.2 Vaisala Major Business
 - 2.17.3 Vaisala Smart Roads Product and Solutions
 - 2.17.4 Vaisala Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
 - 2.17.5 Vaisala Recent Developments and Future Plans
- 2.18 Econolite
 - 2.18.1 Econolite Details
 - 2.18.2 Econolite Major Business
 - 2.18.3 Econolite Smart Roads Product and Solutions
 - 2.18.4 Econolite Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
 - 2.18.5 Econolite Recent Developments and Future Plans
- 2.19 Alcatel Lucent
 - 2.19.1 Alcatel Lucent Details
 - 2.19.2 Alcatel Lucent Major Business
 - 2.19.3 Alcatel Lucent Smart Roads Product and Solutions
 - 2.19.4 Alcatel Lucent Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
 - 2.19.5 Alcatel Lucent Recent Developments and Future Plans
- 2.20 Valerann
 - 2.20.1 Valerann Details
 - 2.20.2 Valerann Major Business

- 2.20.3 Valerann Smart Roads Product and Solutions
- 2.20.4 Valerann Smart Roads Revenue, Gross Margin and Market Share (2019-2024)
- 2.20.5 Valerann Recent Developments and Future Plans

3 MARKET COMPETITION, BY PLAYERS

- 3.1 Global Smart Roads Revenue and Share by Players (2019-2024)
- 3.2 Market Share Analysis (2023)
 - 3.2.1 Market Share of Smart Roads by Company Revenue
 - 3.2.2 Top 3 Smart Roads Players Market Share in 2023
 - 3.2.3 Top 6 Smart Roads Players Market Share in 2023
- 3.3 Smart Roads Market: Overall Company Footprint Analysis
 - 3.3.1 Smart Roads Market: Region Footprint
 - 3.3.2 Smart Roads Market: Company Product Type Footprint
 - 3.3.3 Smart Roads Market: Company Product Application Footprint
- 3.4 New Market Entrants and Barriers to Market Entry
- 3.5 Mergers, Acquisition, Agreements, and Collaborations

4 MARKET SIZE SEGMENT BY TYPE

- 4.1 Global Smart Roads Consumption Value and Market Share by Type (2019-2024)
- 4.2 Global Smart Roads Market Forecast by Type (2025-2030)

5 MARKET SIZE SEGMENT BY APPLICATION

- 5.1 Global Smart Roads Consumption Value Market Share by Application (2019-2024)
- 5.2 Global Smart Roads Market Forecast by Application (2025-2030)

6 NORTH AMERICA

- 6.1 North America Smart Roads Consumption Value by Type (2019-2030)
- 6.2 North America Smart Roads Market Size by Application (2019-2030)
- 6.3 North America Smart Roads Market Size by Country
 - 6.3.1 North America Smart Roads Consumption Value by Country (2019-2030)
 - 6.3.2 United States Smart Roads Market Size and Forecast (2019-2030)
 - 6.3.3 Canada Smart Roads Market Size and Forecast (2019-2030)
 - 6.3.4 Mexico Smart Roads Market Size and Forecast (2019-2030)

7 EUROPE

7.1 Europe Smart Roads Consumption Value by Type (2019-2030)

7.2 Europe Smart Roads Consumption Value by Application (2019-2030)

7.3 Europe Smart Roads Market Size by Country

7.3.1 Europe Smart Roads Consumption Value by Country (2019-2030)

7.3.2 Germany Smart Roads Market Size and Forecast (2019-2030)

7.3.3 France Smart Roads Market Size and Forecast (2019-2030)

7.3.4 United Kingdom Smart Roads Market Size and Forecast (2019-2030)

7.3.5 Russia Smart Roads Market Size and Forecast (2019-2030)

7.3.6 Italy Smart Roads Market Size and Forecast (2019-2030)

8 ASIA-PACIFIC

8.1 Asia-Pacific Smart Roads Consumption Value by Type (2019-2030)

8.2 Asia-Pacific Smart Roads Consumption Value by Application (2019-2030)

8.3 Asia-Pacific Smart Roads Market Size by Region

8.3.1 Asia-Pacific Smart Roads Consumption Value by Region (2019-2030)

8.3.2 China Smart Roads Market Size and Forecast (2019-2030)

8.3.3 Japan Smart Roads Market Size and Forecast (2019-2030)

8.3.4 South Korea Smart Roads Market Size and Forecast (2019-2030)

8.3.5 India Smart Roads Market Size and Forecast (2019-2030)

8.3.6 Southeast Asia Smart Roads Market Size and Forecast (2019-2030)

8.3.7 Australia Smart Roads Market Size and Forecast (2019-2030)

9 SOUTH AMERICA

9.1 South America Smart Roads Consumption Value by Type (2019-2030)

9.2 South America Smart Roads Consumption Value by Application (2019-2030)

9.3 South America Smart Roads Market Size by Country

9.3.1 South America Smart Roads Consumption Value by Country (2019-2030)

9.3.2 Brazil Smart Roads Market Size and Forecast (2019-2030)

9.3.3 Argentina Smart Roads Market Size and Forecast (2019-2030)

10 MIDDLE EAST & AFRICA

10.1 Middle East & Africa Smart Roads Consumption Value by Type (2019-2030)

10.2 Middle East & Africa Smart Roads Consumption Value by Application (2019-2030)

10.3 Middle East & Africa Smart Roads Market Size by Country

10.3.1 Middle East & Africa Smart Roads Consumption Value by Country (2019-2030)

- 10.3.2 Turkey Smart Roads Market Size and Forecast (2019-2030)
- 10.3.3 Saudi Arabia Smart Roads Market Size and Forecast (2019-2030)
- 10.3.4 UAE Smart Roads Market Size and Forecast (2019-2030)

11 MARKET DYNAMICS

- 11.1 Smart Roads Market Drivers
- 11.2 Smart Roads Market Restraints
- 11.3 Smart Roads Trends Analysis
- 11.4 Porters Five Forces Analysis
 - 11.4.1 Threat of New Entrants
 - 11.4.2 Bargaining Power of Suppliers
 - 11.4.3 Bargaining Power of Buyers
 - 11.4.4 Threat of Substitutes
 - 11.4.5 Competitive Rivalry

12 INDUSTRY CHAIN ANALYSIS

- 12.1 Smart Roads Industry Chain
- 12.2 Smart Roads Upstream Analysis
- 12.3 Smart Roads Midstream Analysis
- 12.4 Smart Roads Downstream Analysis

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

- 14.1 Methodology
- 14.2 Research Process and Data Source
- 14.3 Disclaimer

LIST OF TABLES

- Table 1. Global Smart Roads Consumption Value by Type, (USD Million), 2019 & 2023 & 2030
- Table 2. Global Smart Roads Consumption Value by Application, (USD Million), 2019 & 2023 & 2030
- Table 3. Global Smart Roads Consumption Value by Region (2019-2024) & (USD Million)

Table 4. Global Smart Roads Consumption Value by Region (2025-2030) & (USD Million)

Table 5. Mundys (YunexTraffic) Company Information, Head Office, and Major Competitors

Table 6. Mundys (YunexTraffic) Major Business

Table 7. Mundys (YunexTraffic) Smart Roads Product and Solutions

Table 8. Mundys (YunexTraffic) Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 9. Mundys (YunexTraffic) Recent Developments andFuture Plans

Table 10. Swarco Holding Company Information, Head Office, and Major Competitors

Table 11. Swarco Holding Major Business

Table 12. Swarco Holding Smart Roads Product and Solutions

Table 13. Swarco Holding Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 14. Swarco Holding Recent Developments andFuture Plans

Table 15. Huawei Company Information, Head Office, and Major Competitors

Table 16. Huawei Major Business

Table 17. Huawei Smart Roads Product and Solutions

Table 18. Huawei Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 19. Sumitomo Electric Company Information, Head Office, and Major Competitors

Table 20. Sumitomo Electric Major Business

Table 21. Sumitomo Electric Smart Roads Product and Solutions

Table 22. Sumitomo Electric Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 23. Sumitomo Electric Recent Developments andFuture Plans

Table 24. Cisco Company Information, Head Office, and Major Competitors

Table 25. Cisco Major Business

Table 26. Cisco Smart Roads Product and Solutions

Table 27. Cisco Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 28. Cisco Recent Developments andFuture Plans

Table 29. Kapsch Company Information, Head Office, and Major Competitors

Table 30. Kapsch Major Business

Table 31. Kapsch Smart Roads Product and Solutions

Table 32. Kapsch Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 33. Kapsch Recent Developments andFuture Plans

Table 34. Nippon Signal Company Information, Head Office, and Major Competitors

Table 35. Nippon Signal Major Business

Table 36. Nippon Signal Smart Roads Product and Solutions

Table 37. Nippon Signal Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 38. Nippon Signal Recent Developments andFuture Plans

Table 39. HisenseTranstech Company Information, Head Office, and Major Competitors

Table 40. HisenseTranstech Major Business

Table 41. HisenseTranstech Smart Roads Product and Solutions

Table 42. HisenseTranstech Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 43. HisenseTranstech Recent Developments andFuture Plans

Table 44. Intel Company Information, Head Office, and Major Competitors

Table 45. Intel Major Business

Table 46. Intel Smart Roads Product and Solutions

Table 47. Intel Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 48. Intel Recent Developments andFuture Plans

Table 49. Almviva Company Information, Head Office, and Major Competitors

Table 50. Almviva Major Business

Table 51. Almviva Smart Roads Product and Solutions

Table 52. Almviva Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 53. Almviva Recent Developments andFuture Plans

Table 54. Q-FREE Company Information, Head Office, and Major Competitors

Table 55. Q-FREE Major Business

Table 56. Q-FREE Smart Roads Product and Solutions

Table 57. Q-FREE Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 58. Q-FREE Recent Developments andFuture Plans

Table 59. IBM Company Information, Head Office, and Major Competitors

Table 60. IBM Major Business

Table 61. IBM Smart Roads Product and Solutions

Table 62. IBM Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 63. IBM Recent Developments andFuture Plans

Table 64. Lianyungang JARI Electronics Company Information, Head Office, and Major Competitors

Table 65. Lianyungang JARI Electronics Major Business

Table 66. Lianyungang JARI Electronics Smart Roads Product and Solutions

Table 67. Lianyungang JARI Electronics Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 68. Lianyungang JARI Electronics Recent Developments andFuture Plans

Table 69. MOVYON Company Information, Head Office, and Major Competitors

Table 70. MOVYON Major Business

Table 71. MOVYON Smart Roads Product and Solutions

Table 72. MOVYON Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 73. MOVYON Recent Developments andFuture Plans

Table 74. Indra Sistemas Company Information, Head Office, and Major Competitors

Table 75. Indra Sistemas Major Business

Table 76. Indra Sistemas Smart Roads Product and Solutions

Table 77. Indra Sistemas Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 78. Indra Sistemas Recent Developments andFuture Plans

Table 79. LG CNS Company Information, Head Office, and Major Competitors

Table 80. LG CNS Major Business

Table 81. LG CNS Smart Roads Product and Solutions

Table 82. LG CNS Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 83. LG CNS Recent Developments andFuture Plans

Table 84. Vaisala Company Information, Head Office, and Major Competitors

Table 85. Vaisala Major Business

Table 86. Vaisala Smart Roads Product and Solutions

Table 87. Vaisala Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 88. Vaisala Recent Developments andFuture Plans

Table 89. Econolite Company Information, Head Office, and Major Competitors

Table 90. Econolite Major Business

Table 91. Econolite Smart Roads Product and Solutions

Table 92. Econolite Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 93. Econolite Recent Developments andFuture Plans

Table 94. Alcatel Lucent Company Information, Head Office, and Major Competitors

Table 95. Alcatel Lucent Major Business

Table 96. Alcatel Lucent Smart Roads Product and Solutions

Table 97. Alcatel Lucent Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 98. Alcatel Lucent Recent Developments andFuture Plans

Table 99. Valerann Company Information, Head Office, and Major Competitors

Table 100. Valerann Major Business

Table 101. Valerann Smart Roads Product and Solutions

Table 102. Valerann Smart Roads Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 103. Valerann Recent Developments and Future Plans

Table 104. Global Smart Roads Revenue (USD Million) by Players (2019-2024)

Table 105. Global Smart Roads Revenue Share by Players (2019-2024)

Table 106. Breakdown of Smart Roads by Company Type (Tier 1, Tier 2, and Tier 3)

Table 107. Market Position of Players in Smart Roads, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2023

Table 108. Head Office of Key Smart Roads Players

Table 109. Smart Roads Market: Company Product Type Footprint

Table 110. Smart Roads Market: Company Product Application Footprint

Table 111. Smart Roads New Market Entrants and Barriers to Market Entry

Table 112. Smart Roads Mergers, Acquisition, Agreements, and Collaborations

Table 113. Global Smart Roads Consumption Value (USD Million) by Type (2019-2024)

Table 114. Global Smart Roads Consumption Value Share by Type (2019-2024)

Table 115. Global Smart Roads Consumption Value Forecast by Type (2025-2030)

Table 116. Global Smart Roads Consumption Value by Application (2019-2024)

Table 117. Global Smart Roads Consumption Value Forecast by Application (2025-2030)

Table 118. North America Smart Roads Consumption Value by Type (2019-2024) & (USD Million)

Table 119. North America Smart Roads Consumption Value by Type (2025-2030) & (USD Million)

Table 120. North America Smart Roads Consumption Value by Application (2019-2024) & (USD Million)

Table 121. North America Smart Roads Consumption Value by Application (2025-2030) & (USD Million)

Table 122. North America Smart Roads Consumption Value by Country (2019-2024) & (USD Million)

Table 123. North America Smart Roads Consumption Value by Country (2025-2030) & (USD Million)

Table 124. Europe Smart Roads Consumption Value by Type (2019-2024) & (USD Million)

Table 125. Europe Smart Roads Consumption Value by Type (2025-2030) & (USD Million)

Table 126. Europe Smart Roads Consumption Value by Application (2019-2024) &

(USD Million)

Table 127. Europe Smart Roads Consumption Value by Application (2025-2030) & (USD Million)

Table 128. Europe Smart Roads Consumption Value by Country (2019-2024) & (USD Million)

Table 129. Europe Smart Roads Consumption Value by Country (2025-2030) & (USD Million)

Table 130. Asia-Pacific Smart Roads Consumption Value byType (2019-2024) & (USD Million)

Table 131. Asia-Pacific Smart Roads Consumption Value byType (2025-2030) & (USD Million)

Table 132. Asia-Pacific Smart Roads Consumption Value by Application (2019-2024) & (USD Million)

Table 133. Asia-Pacific Smart Roads Consumption Value by Application (2025-2030) & (USD Million)

Table 134. Asia-Pacific Smart Roads Consumption Value by Region (2019-2024) & (USD Million)

Table 135. Asia-Pacific Smart Roads Consumption Value by Region (2025-2030) & (USD Million)

Table 136. South America Smart Roads Consumption Value byType (2019-2024) & (USD Million)

Table 137. South America Smart Roads Consumption Value byType (2025-2030) & (USD Million)

Table 138. South America Smart Roads Consumption Value by Application (2019-2024) & (USD Million)

Table 139. South America Smart Roads Consumption Value by Application (2025-2030) & (USD Million)

Table 140. South America Smart Roads Consumption Value by Country (2019-2024) & (USD Million)

Table 141. South America Smart Roads Consumption Value by Country (2025-2030) & (USD Million)

Table 142. Middle East & Africa Smart Roads Consumption Value byType (2019-2024) & (USD Million)

Table 143. Middle East & Africa Smart Roads Consumption Value byType (2025-2030) & (USD Million)

Table 144. Middle East & Africa Smart Roads Consumption Value by Application (2019-2024) & (USD Million)

Table 145. Middle East & Africa Smart Roads Consumption Value by Application (2025-2030) & (USD Million)

Table 146. Middle East & Africa Smart Roads Consumption Value by Country
(2019-2024) & (USD Million)

Table 147. Middle East & Africa Smart Roads Consumption Value by Country
(2025-2030) & (USD Million)

Table 148. Global Key Players of Smart Roads Upstream (Raw Materials)

Table 149. Global Smart Roads Typical Customers

LIST OFFIGURES

Figure 1. Smart Roads Picture

Figure 2. Global Smart Roads Consumption Value byType, (USD Million), 2019 & 2023
& 2030

Figure 3. Global Smart Roads Consumption Value Market Share byType in 2023

Figure 4. Software

Figure 5. Hardware

Figure 6. Global Smart Roads Consumption Value by Application, (USD Million), 2019 &
2023 & 2030

Figure 7. Smart Roads Consumption Value Market Share by Application in 2023

Figure 8. UrbanTraffic Picture

Figure 9. Highway Picture

Figure 10. Bridges andTunnels Picture

Figure 11. Others Picture

Figure 12. Global Smart Roads Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 13. Global Smart Roads Consumption Value andForecast (2019-2030) & (USD
Million)

Figure 14. Global Market Smart Roads Consumption Value (USD Million) Comparison
by Region (2019 VS 2023 VS 2030)

Figure 15. Global Smart Roads Consumption Value Market Share by Region
(2019-2030)

Figure 16. Global Smart Roads Consumption Value Market Share by Region in 2023

Figure 17. North America Smart Roads Consumption Value (2019-2030) & (USD
Million)

Figure 18. Europe Smart Roads Consumption Value (2019-2030) & (USD Million)

Figure 19. Asia-Pacific Smart Roads Consumption Value (2019-2030) & (USD Million)

Figure 20. South America Smart Roads Consumption Value (2019-2030) & (USD
Million)

Figure 21. Middle East & Africa Smart Roads Consumption Value (2019-2030) & (USD

Million)

Figure 22. CompanyThree Recent Developments andFuture Plans

Figure 23. Global Smart Roads Revenue Share by Players in 2023

Figure 24. Smart Roads Market Share by CompanyType (Tier 1,Tier 2, andTier 3) in 2023

Figure 25. Market Share of Smart Roads by Player Revenue in 2023

Figure 26.Top 3 Smart Roads Players Market Share in 2023

Figure 27.Top 6 Smart Roads Players Market Share in 2023

Figure 28. Global Smart Roads Consumption Value Share byType (2019-2024)

Figure 29. Global Smart Roads Market ShareForecast byType (2025-2030)

Figure 30. Global Smart Roads Consumption Value Share by Application (2019-2024)

Figure 31. Global Smart Roads Market ShareForecast by Application (2025-2030)

Figure 32. North America Smart Roads Consumption Value Market Share byType (2019-2030)

Figure 33. North America Smart Roads Consumption Value Market Share by Application (2019-2030)

Figure 34. North America Smart Roads Consumption Value Market Share by Country (2019-2030)

Figure 35. United States Smart Roads Consumption Value (2019-2030) & (USD Million)

Figure 36. Canada Smart Roads Consumption Value (2019-2030) & (USD Million)

Figure 37. Mexico Smart Roads Consumption Value (2019-2030) & (USD Million)

Figure 38. Europe Smart Roads Consumption Value Market Share byType (2019-2030)

Figure 39. Europe Smart Roads Consumption Value Market Share by Application (2019-2030)

Figure 40. Europe Smart Roads Consumption Value Market Share by Country (2019-2030)

Figure 41. Germany Smart Roads Consumption Value (2019-2030) & (USD Million)

Figure 42.France Smart Roads Consumption Value (2019-2030) & (USD Million)

Figure 43. United Kingdom Smart Roads Consumption Value (2019-2030) & (USD Million)

Figure 44. Russia Smart Roads Consumption Value (2019-2030) & (USD Million)

Figure 45. Italy Smart Roads Consumption Value (2019-2030) & (USD Million)

Figure 46. Asia-Pacific Smart Roads Consumption Value Market Share byType (2019-2030)

Figure 47. Asia-Pacific Smart Roads Consumption Value Market Share by Application (2019-2030)

Figure 48. Asia-Pacific Smart Roads Consumption Value Market Share by Region (2019-2030)

Figure 49. China Smart Roads Consumption Value (2019-2030) & (USD Million)

- Figure 50. Japan Smart Roads Consumption Value (2019-2030) & (USD Million)
- Figure 51. South Korea Smart Roads Consumption Value (2019-2030) & (USD Million)
- Figure 52. India Smart Roads Consumption Value (2019-2030) & (USD Million)
- Figure 53. Southeast Asia Smart Roads Consumption Value (2019-2030) & (USD Million)
- Figure 54. Australia Smart Roads Consumption Value (2019-2030) & (USD Million)
- Figure 55. South America Smart Roads Consumption Value Market Share byType (2019-2030)
- Figure 56. South America Smart Roads Consumption Value Market Share by Application (2019-2030)
- Figure 57. South America Smart Roads Consumption Value Market Share by Country (2019-2030)
- Figure 58. Brazil Smart Roads Consumption Value (2019-2030) & (USD Million)
- Figure 59. Argentina Smart Roads Consumption Value (2019-2030) & (USD Million)
- Figure 60. Middle East & Africa Smart Roads Consumption Value Market Share byType (2019-2030)
- Figure 61. Middle East & Africa Smart Roads Consumption Value Market Share by Application (2019-2030)
- Figure 62. Middle East & Africa Smart Roads Consumption Value Market Share by Country (2019-2030)
- Figure 63. Turkey Smart Roads Consumption Value (2019-2030) & (USD Million)
- Figure 64. Saudi Arabia Smart Roads Consumption Value (2019-2030) & (USD Million)
- Figure 65. UAE Smart Roads Consumption Value (2019-2030) & (USD Million)
- Figure 66. Smart Roads Market Drivers
- Figure 67. Smart Roads Market Restraints
- Figure 68. Smart Roads Market Trends
- Figure 69. PortersFiveForces Analysis
- Figure 70. Smart Roads Industrial Chain
- Figure 71. Methodology
- Figure 72. Research Process and Data Source

I would like to order

Product name: Global Smart Roads Market 2024 by Company, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/G50FFA6F8C39EN.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

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G50FFA6F8C39EN.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

