

Global Electronic Toll Collection (ETC) Equipment Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

https://marketpublishers.com/r/GFEA177487E3EN.html

Date: July 2023 Pages: 97 Price: US\$ 3,480.00 (Single User License) ID: GFEA177487E3EN

Abstracts

According to our (Global Info Research) latest study, the global Electronic Toll Collection (ETC) Equipment 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 Electronic Toll Collection (ETC) Equipment 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 Electronic Toll Collection (ETC) Equipment market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Electronic Toll Collection (ETC) Equipment 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 Electronic Toll Collection (ETC) Equipment market size and forecasts, by Type

Global Electronic Toll Collection (ETC) Equipment Market 2023 by Manufacturers, Regions, Type and Application,...



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

Global Electronic Toll Collection (ETC) Equipment 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 Electronic Toll Collection (ETC) Equipment

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 Electronic Toll Collection (ETC) Equipment 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 Toshiba, Mitsubishi, Shutoko, Xerox and Kapsch Trafficom AG, 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

Electronic Toll Collection (ETC) Equipment 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

Rfid-Based ETC Systems

Dsrc-Based ETC Systems



Video Analytic-Based ETC Systems

Gnss/Gps-Based ETC Systems

Market segment by Application

Highway

Urban

Others

Major players covered

Toshiba

Mitsubishi

Shutoko

Xerox

Kapsch Trafficom AG

Q-Free

Illinoistollway

Metro Infrasys

Conduent Transportation

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 Electronic Toll Collection (ETC) Equipment product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Electronic Toll Collection (ETC) Equipment, with price, sales, revenue and global market share of Electronic Toll Collection (ETC) Equipment from 2018 to 2023.

Chapter 3, the Electronic Toll Collection (ETC) Equipment competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Electronic Toll Collection (ETC) Equipment 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 Electronic Toll Collection (ETC) Equipment 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 Electronic Toll Collection (ETC) Equipment.

Chapter 14 and 15, to describe Electronic Toll Collection (ETC) Equipment sales channel, distributors, customers, research findings and conclusion.



Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Electronic Toll Collection (ETC) Equipment

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Electronic Toll Collection (ETC) Equipment Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2 Rfid-Based ETC Systems

1.3.3 Dsrc-Based ETC Systems

1.3.4 Video Analytic-Based ETC Systems

1.3.5 Gnss/Gps-Based ETC Systems

1.4 Market Analysis by Application

1.4.1 Overview: Global Electronic Toll Collection (ETC) Equipment Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Highway

1.4.3 Urban

1.4.4 Others

1.5 Global Electronic Toll Collection (ETC) Equipment Market Size & Forecast

1.5.1 Global Electronic Toll Collection (ETC) Equipment Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Electronic Toll Collection (ETC) Equipment Sales Quantity (2018-2029)

1.5.3 Global Electronic Toll Collection (ETC) Equipment Average Price (2018-2029)

2 MANUFACTURERS PROFILES

2.1 Toshiba

2.1.1 Toshiba Details

- 2.1.2 Toshiba Major Business
- 2.1.3 Toshiba Electronic Toll Collection (ETC) Equipment Product and Services
- 2.1.4 Toshiba Electronic Toll Collection (ETC) Equipment Sales Quantity, Average

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

2.1.5 Toshiba Recent Developments/Updates

2.2 Mitsubishi

2.2.1 Mitsubishi Details

2.2.2 Mitsubishi Major Business

2.2.3 Mitsubishi Electronic Toll Collection (ETC) Equipment Product and Services

2.2.4 Mitsubishi Electronic Toll Collection (ETC) Equipment Sales Quantity, Average



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

2.2.5 Mitsubishi Recent Developments/Updates

2.3 Shutoko

2.3.1 Shutoko Details

2.3.2 Shutoko Major Business

2.3.3 Shutoko Electronic Toll Collection (ETC) Equipment Product and Services

2.3.4 Shutoko Electronic Toll Collection (ETC) Equipment Sales Quantity, Average

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

2.3.5 Shutoko Recent Developments/Updates

2.4 Xerox

2.4.1 Xerox Details

2.4.2 Xerox Major Business

2.4.3 Xerox Electronic Toll Collection (ETC) Equipment Product and Services

2.4.4 Xerox Electronic Toll Collection (ETC) Equipment Sales Quantity, Average Price,

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

2.4.5 Xerox Recent Developments/Updates

2.5 Kapsch Trafficom AG

- 2.5.1 Kapsch Trafficom AG Details
- 2.5.2 Kapsch Trafficom AG Major Business

2.5.3 Kapsch Trafficom AG Electronic Toll Collection (ETC) Equipment Product and Services

2.5.4 Kapsch Trafficom AG Electronic Toll Collection (ETC) Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 Kapsch Trafficom AG Recent Developments/Updates

2.6 Q-Free

2.6.1 Q-Free Details

2.6.2 Q-Free Major Business

2.6.3 Q-Free Electronic Toll Collection (ETC) Equipment Product and Services

2.6.4 Q-Free Electronic Toll Collection (ETC) Equipment Sales Quantity, Average

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

2.6.5 Q-Free Recent Developments/Updates

2.7 Illinoistollway

2.7.1 Illinoistollway Details

2.7.2 Illinoistollway Major Business

2.7.3 Illinoistollway Electronic Toll Collection (ETC) Equipment Product and Services

2.7.4 Illinoistollway Electronic Toll Collection (ETC) Equipment Sales Quantity,

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

2.7.5 Illinoistollway Recent Developments/Updates

2.8 Metro Infrasys



2.8.1 Metro Infrasys Details

2.8.2 Metro Infrasys Major Business

2.8.3 Metro Infrasys Electronic Toll Collection (ETC) Equipment Product and Services

2.8.4 Metro Infrasys Electronic Toll Collection (ETC) Equipment Sales Quantity,

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

2.8.5 Metro Infrasys Recent Developments/Updates

2.9 Conduent Transportation

2.9.1 Conduent Transportation Details

2.9.2 Conduent Transportation Major Business

2.9.3 Conduent Transportation Electronic Toll Collection (ETC) Equipment Product and Services

2.9.4 Conduent Transportation Electronic Toll Collection (ETC) Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023) 2.9.5 Conduent Transportation Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: ELECTRONIC TOLL COLLECTION (ETC) EQUIPMENT BY MANUFACTURER

3.1 Global Electronic Toll Collection (ETC) Equipment Sales Quantity by Manufacturer (2018-2023)

3.2 Global Electronic Toll Collection (ETC) Equipment Revenue by Manufacturer (2018-2023)

3.3 Global Electronic Toll Collection (ETC) Equipment Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Electronic Toll Collection (ETC) Equipment by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Electronic Toll Collection (ETC) Equipment Manufacturer Market Share in 2022

3.4.2 Top 6 Electronic Toll Collection (ETC) Equipment Manufacturer Market Share in 2022

3.5 Electronic Toll Collection (ETC) Equipment Market: Overall Company Footprint Analysis

3.5.1 Electronic Toll Collection (ETC) Equipment Market: Region Footprint

3.5.2 Electronic Toll Collection (ETC) Equipment Market: Company Product Type Footprint

3.5.3 Electronic Toll Collection (ETC) Equipment 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 Electronic Toll Collection (ETC) Equipment Market Size by Region

4.1.1 Global Electronic Toll Collection (ETC) Equipment Sales Quantity by Region (2018-2029)

4.1.2 Global Electronic Toll Collection (ETC) Equipment Consumption Value by Region (2018-2029)

4.1.3 Global Electronic Toll Collection (ETC) Equipment Average Price by Region (2018-2029)

4.2 North America Electronic Toll Collection (ETC) Equipment Consumption Value (2018-2029)

4.3 Europe Electronic Toll Collection (ETC) Equipment Consumption Value (2018-2029)

4.4 Asia-Pacific Electronic Toll Collection (ETC) Equipment Consumption Value (2018-2029)

4.5 South America Electronic Toll Collection (ETC) Equipment Consumption Value (2018-2029)

4.6 Middle East and Africa Electronic Toll Collection (ETC) Equipment Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

5.1 Global Electronic Toll Collection (ETC) Equipment Sales Quantity by Type (2018-2029)

5.2 Global Electronic Toll Collection (ETC) Equipment Consumption Value by Type (2018-2029)

5.3 Global Electronic Toll Collection (ETC) Equipment Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Electronic Toll Collection (ETC) Equipment Sales Quantity by Application (2018-2029)

6.2 Global Electronic Toll Collection (ETC) Equipment Consumption Value by Application (2018-2029)

6.3 Global Electronic Toll Collection (ETC) Equipment Average Price by Application (2018-2029)



7 NORTH AMERICA

7.1 North America Electronic Toll Collection (ETC) Equipment Sales Quantity by Type (2018-2029)

7.2 North America Electronic Toll Collection (ETC) Equipment Sales Quantity by Application (2018-2029)

7.3 North America Electronic Toll Collection (ETC) Equipment Market Size by Country7.3.1 North America Electronic Toll Collection (ETC) Equipment Sales Quantity byCountry (2018-2029)

7.3.2 North America Electronic Toll Collection (ETC) Equipment 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 Electronic Toll Collection (ETC) Equipment Sales Quantity by Type (2018-2029)

8.2 Europe Electronic Toll Collection (ETC) Equipment Sales Quantity by Application (2018-2029)

8.3 Europe Electronic Toll Collection (ETC) Equipment Market Size by Country

8.3.1 Europe Electronic Toll Collection (ETC) Equipment Sales Quantity by Country (2018-2029)

8.3.2 Europe Electronic Toll Collection (ETC) Equipment 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 Electronic Toll Collection (ETC) Equipment Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Electronic Toll Collection (ETC) Equipment Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Electronic Toll Collection (ETC) Equipment Market Size by Region



9.3.1 Asia-Pacific Electronic Toll Collection (ETC) Equipment Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Electronic Toll Collection (ETC) Equipment 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 Electronic Toll Collection (ETC) Equipment Sales Quantity by Type (2018-2029)

10.2 South America Electronic Toll Collection (ETC) Equipment Sales Quantity by Application (2018-2029)

10.3 South America Electronic Toll Collection (ETC) Equipment Market Size by Country 10.3.1 South America Electronic Toll Collection (ETC) Equipment Sales Quantity by Country (2018-2029)

10.3.2 South America Electronic Toll Collection (ETC) Equipment 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 Electronic Toll Collection (ETC) Equipment Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Electronic Toll Collection (ETC) Equipment Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Electronic Toll Collection (ETC) Equipment Market Size by Country

11.3.1 Middle East & Africa Electronic Toll Collection (ETC) Equipment Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Electronic Toll Collection (ETC) Equipment 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 Electronic Toll Collection (ETC) Equipment Market Drivers
- 12.2 Electronic Toll Collection (ETC) Equipment Market Restraints
- 12.3 Electronic Toll Collection (ETC) Equipment 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 Electronic Toll Collection (ETC) Equipment and Key

Manufacturers

- 13.2 Manufacturing Costs Percentage of Electronic Toll Collection (ETC) Equipment
- 13.3 Electronic Toll Collection (ETC) Equipment Production Process
- 13.4 Electronic Toll Collection (ETC) Equipment Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
- 14.1.2 Distributors
- 14.2 Electronic Toll Collection (ETC) Equipment Typical Distributors
- 14.3 Electronic Toll Collection (ETC) Equipment Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

Global Electronic Toll Collection (ETC) Equipment Market 2023 by Manufacturers, Regions, Type and Application,...



16.2 Research Process and Data Source16.3 Disclaimer



List Of Tables

LIST OF TABLES

Table 1. Global Electronic Toll Collection (ETC) Equipment Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Electronic Toll Collection (ETC) Equipment Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Toshiba Basic Information, Manufacturing Base and Competitors

Table 4. Toshiba Major Business

Table 5. Toshiba Electronic Toll Collection (ETC) Equipment Product and Services

Table 6. Toshiba Electronic Toll Collection (ETC) Equipment Sales Quantity (K Units),

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

Table 7. Toshiba Recent Developments/Updates

 Table 8. Mitsubishi Basic Information, Manufacturing Base and Competitors

Table 9. Mitsubishi Major Business

Table 10. Mitsubishi Electronic Toll Collection (ETC) Equipment Product and Services

Table 11. Mitsubishi Electronic Toll Collection (ETC) Equipment Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Mitsubishi Recent Developments/Updates

Table 13. Shutoko Basic Information, Manufacturing Base and Competitors

Table 14. Shutoko Major Business

Table 15. Shutoko Electronic Toll Collection (ETC) Equipment Product and Services

Table 16. Shutoko Electronic Toll Collection (ETC) Equipment Sales Quantity (K Units),

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

Table 17. Shutoko Recent Developments/Updates

 Table 18. Xerox Basic Information, Manufacturing Base and Competitors

Table 19. Xerox Major Business

Table 20. Xerox Electronic Toll Collection (ETC) Equipment Product and Services

Table 21. Xerox Electronic Toll Collection (ETC) Equipment Sales Quantity (K Units),

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

 Table 22. Xerox Recent Developments/Updates

Table 23. Kapsch Trafficom AG Basic Information, Manufacturing Base and Competitors

Table 24. Kapsch Trafficom AG Major Business



Table 25. Kapsch Trafficom AG Electronic Toll Collection (ETC) Equipment Product and Services

Table 26. Kapsch Trafficom AG Electronic Toll Collection (ETC) Equipment Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Kapsch Trafficom AG Recent Developments/Updates

Table 28. Q-Free Basic Information, Manufacturing Base and Competitors

- Table 29. Q-Free Major Business
- Table 30. Q-Free Electronic Toll Collection (ETC) Equipment Product and Services

Table 31. Q-Free Electronic Toll Collection (ETC) Equipment Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Q-Free Recent Developments/Updates

Table 33. Illinoistollway Basic Information, Manufacturing Base and Competitors

Table 34. Illinoistollway Major Business

Table 35. Illinoistollway Electronic Toll Collection (ETC) Equipment Product and Services

Table 36. Illinoistollway Electronic Toll Collection (ETC) Equipment Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market

Share (2018-2023)

Table 37. Illinoistollway Recent Developments/Updates

 Table 38. Metro Infrasys Basic Information, Manufacturing Base and Competitors

Table 39. Metro Infrasys Major Business

Table 40. Metro Infrasys Electronic Toll Collection (ETC) Equipment Product and Services

Table 41. Metro Infrasys Electronic Toll Collection (ETC) Equipment Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Metro Infrasys Recent Developments/Updates

Table 43. Conduent Transportation Basic Information, Manufacturing Base andCompetitors

Table 44. Conduent Transportation Major Business

Table 45. Conduent Transportation Electronic Toll Collection (ETC) Equipment Product and Services

Table 46. Conduent Transportation Electronic Toll Collection (ETC) Equipment Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Conduent Transportation Recent Developments/Updates

Table 48. Global Electronic Toll Collection (ETC) Equipment Sales Quantity by



Manufacturer (2018-2023) & (K Units)

Table 49. Global Electronic Toll Collection (ETC) Equipment Revenue by Manufacturer (2018-2023) & (USD Million)

Table 50. Global Electronic Toll Collection (ETC) Equipment Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 51. Market Position of Manufacturers in Electronic Toll Collection (ETC)Equipment, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 52. Head Office and Electronic Toll Collection (ETC) Equipment Production Site of Key Manufacturer

Table 53. Electronic Toll Collection (ETC) Equipment Market: Company Product Type Footprint

Table 54. Electronic Toll Collection (ETC) Equipment Market: Company ProductApplication Footprint

Table 55. Electronic Toll Collection (ETC) Equipment New Market Entrants and Barriers to Market Entry

Table 56. Electronic Toll Collection (ETC) Equipment Mergers, Acquisition, Agreements, and Collaborations

Table 57. Global Electronic Toll Collection (ETC) Equipment Sales Quantity by Region (2018-2023) & (K Units)

Table 58. Global Electronic Toll Collection (ETC) Equipment Sales Quantity by Region (2024-2029) & (K Units)

Table 59. Global Electronic Toll Collection (ETC) Equipment Consumption Value by Region (2018-2023) & (USD Million)

Table 60. Global Electronic Toll Collection (ETC) Equipment Consumption Value by Region (2024-2029) & (USD Million)

Table 61. Global Electronic Toll Collection (ETC) Equipment Average Price by Region (2018-2023) & (US\$/Unit)

Table 62. Global Electronic Toll Collection (ETC) Equipment Average Price by Region (2024-2029) & (US\$/Unit)

Table 63. Global Electronic Toll Collection (ETC) Equipment Sales Quantity by Type (2018-2023) & (K Units)

Table 64. Global Electronic Toll Collection (ETC) Equipment Sales Quantity by Type (2024-2029) & (K Units)

Table 65. Global Electronic Toll Collection (ETC) Equipment Consumption Value by Type (2018-2023) & (USD Million)

Table 66. Global Electronic Toll Collection (ETC) Equipment Consumption Value by Type (2024-2029) & (USD Million)

Table 67. Global Electronic Toll Collection (ETC) Equipment Average Price by Type (2018-2023) & (US\$/Unit)



Table 68. Global Electronic Toll Collection (ETC) Equipment Average Price by Type (2024-2029) & (US\$/Unit)
Table 69. Global Electronic Toll Collection (ETC) Equipment Sales Quantity by Application (2018-2023) & (K Units)
Table 70. Global Electronic Toll Collection (ETC) Equipment Sales Quantity by Application (2024-2029) & (K Units)
Table 71. Global Electronic Toll Collection (ETC) Equipment Consumption Value by Application (2018-2023) & (USD Million)
Table 72. Global Electronic Toll Collection (ETC) Equipment Consumption Value by Application (2024-2029) & (USD Million)
Table 73. Global Electronic Toll Collection (ETC) Equipment Average Price by Application (2018-2023) & (US\$/Unit)

Table 74. Global Electronic Toll Collection (ETC) Equipment Average Price by Application (2024-2029) & (US\$/Unit)

Table 75. North America Electronic Toll Collection (ETC) Equipment Sales Quantity by Type (2018-2023) & (K Units)

Table 76. North America Electronic Toll Collection (ETC) Equipment Sales Quantity by Type (2024-2029) & (K Units)

Table 77. North America Electronic Toll Collection (ETC) Equipment Sales Quantity by Application (2018-2023) & (K Units)

Table 78. North America Electronic Toll Collection (ETC) Equipment Sales Quantity by Application (2024-2029) & (K Units)

Table 79. North America Electronic Toll Collection (ETC) Equipment Sales Quantity by Country (2018-2023) & (K Units)

Table 80. North America Electronic Toll Collection (ETC) Equipment Sales Quantity by Country (2024-2029) & (K Units)

Table 81. North America Electronic Toll Collection (ETC) Equipment Consumption Value by Country (2018-2023) & (USD Million)

Table 82. North America Electronic Toll Collection (ETC) Equipment Consumption Value by Country (2024-2029) & (USD Million)

Table 83. Europe Electronic Toll Collection (ETC) Equipment Sales Quantity by Type (2018-2023) & (K Units)

Table 84. Europe Electronic Toll Collection (ETC) Equipment Sales Quantity by Type (2024-2029) & (K Units)

Table 85. Europe Electronic Toll Collection (ETC) Equipment Sales Quantity by Application (2018-2023) & (K Units)

Table 86. Europe Electronic Toll Collection (ETC) Equipment Sales Quantity by Application (2024-2029) & (K Units)

Table 87. Europe Electronic Toll Collection (ETC) Equipment Sales Quantity by Country



(2018-2023) & (K Units) Table 88. Europe Electronic Toll Collection (ETC) Equipment Sales Quantity by Country (2024-2029) & (K Units) Table 89. Europe Electronic Toll Collection (ETC) Equipment Consumption Value by Country (2018-2023) & (USD Million) Table 90. Europe Electronic Toll Collection (ETC) Equipment Consumption Value by Country (2024-2029) & (USD Million) Table 91. Asia-Pacific Electronic Toll Collection (ETC) Equipment Sales Quantity by Type (2018-2023) & (K Units) Table 92. Asia-Pacific Electronic Toll Collection (ETC) Equipment Sales Quantity by Type (2024-2029) & (K Units) Table 93. Asia-Pacific Electronic Toll Collection (ETC) Equipment Sales Quantity by Application (2018-2023) & (K Units) Table 94. Asia-Pacific Electronic Toll Collection (ETC) Equipment Sales Quantity by Application (2024-2029) & (K Units) Table 95. Asia-Pacific Electronic Toll Collection (ETC) Equipment Sales Quantity by Region (2018-2023) & (K Units) Table 96. Asia-Pacific Electronic Toll Collection (ETC) Equipment Sales Quantity by Region (2024-2029) & (K Units) Table 97. Asia-Pacific Electronic Toll Collection (ETC) Equipment Consumption Value by Region (2018-2023) & (USD Million) Table 98. Asia-Pacific Electronic Toll Collection (ETC) Equipment Consumption Value by Region (2024-2029) & (USD Million) Table 99. South America Electronic Toll Collection (ETC) Equipment Sales Quantity by Type (2018-2023) & (K Units) Table 100. South America Electronic Toll Collection (ETC) Equipment Sales Quantity by Type (2024-2029) & (K Units) Table 101. South America Electronic Toll Collection (ETC) Equipment Sales Quantity by Application (2018-2023) & (K Units) Table 102. South America Electronic Toll Collection (ETC) Equipment Sales Quantity by Application (2024-2029) & (K Units) Table 103. South America Electronic Toll Collection (ETC) Equipment Sales Quantity by Country (2018-2023) & (K Units) Table 104. South America Electronic Toll Collection (ETC) Equipment Sales Quantity by Country (2024-2029) & (K Units) Table 105. South America Electronic Toll Collection (ETC) Equipment Consumption Value by Country (2018-2023) & (USD Million) Table 106. South America Electronic Toll Collection (ETC) Equipment Consumption Value by Country (2024-2029) & (USD Million)



Table 107. Middle East & Africa Electronic Toll Collection (ETC) Equipment Sales Quantity by Type (2018-2023) & (K Units)

Table 108. Middle East & Africa Electronic Toll Collection (ETC) Equipment Sales Quantity by Type (2024-2029) & (K Units)

Table 109. Middle East & Africa Electronic Toll Collection (ETC) Equipment Sales Quantity by Application (2018-2023) & (K Units)

Table 110. Middle East & Africa Electronic Toll Collection (ETC) Equipment Sales Quantity by Application (2024-2029) & (K Units)

Table 111. Middle East & Africa Electronic Toll Collection (ETC) Equipment Sales Quantity by Region (2018-2023) & (K Units)

Table 112. Middle East & Africa Electronic Toll Collection (ETC) Equipment Sales Quantity by Region (2024-2029) & (K Units)

Table 113. Middle East & Africa Electronic Toll Collection (ETC) Equipment Consumption Value by Region (2018-2023) & (USD Million)

Table 114. Middle East & Africa Electronic Toll Collection (ETC) Equipment Consumption Value by Region (2024-2029) & (USD Million)

Table 115. Electronic Toll Collection (ETC) Equipment Raw Material

Table 116. Key Manufacturers of Electronic Toll Collection (ETC) Equipment Raw Materials

Table 117. Electronic Toll Collection (ETC) Equipment Typical Distributors

Table 118. Electronic Toll Collection (ETC) Equipment Typical Customers



List Of Figures

LIST OF FIGURES

Figure 1. Electronic Toll Collection (ETC) Equipment Picture

Figure 2. Global Electronic Toll Collection (ETC) Equipment Consumption Value by

Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Electronic Toll Collection (ETC) Equipment Consumption Value Market Share by Type in 2022

Figure 4. Rfid-Based ETC Systems Examples

Figure 5. Dsrc-Based ETC Systems Examples

Figure 6. Video Analytic-Based ETC Systems Examples

Figure 7. Gnss/Gps-Based ETC Systems Examples

Figure 8. Global Electronic Toll Collection (ETC) Equipment Consumption Value by

Application, (USD Million), 2018 & 2022 & 2029

Figure 9. Global Electronic Toll Collection (ETC) Equipment Consumption Value Market

Share by Application in 2022

Figure 10. Highway Examples

Figure 11. Urban Examples

Figure 12. Others Examples

Figure 13. Global Electronic Toll Collection (ETC) Equipment Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 14. Global Electronic Toll Collection (ETC) Equipment Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 15. Global Electronic Toll Collection (ETC) Equipment Sales Quantity (2018-2029) & (K Units)

Figure 16. Global Electronic Toll Collection (ETC) Equipment Average Price (2018-2029) & (US\$/Unit)

Figure 17. Global Electronic Toll Collection (ETC) Equipment Sales Quantity Market Share by Manufacturer in 2022

Figure 18. Global Electronic Toll Collection (ETC) Equipment Consumption Value Market Share by Manufacturer in 2022

Figure 19. Producer Shipments of Electronic Toll Collection (ETC) Equipment by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 20. Top 3 Electronic Toll Collection (ETC) Equipment Manufacturer

(Consumption Value) Market Share in 2022

Figure 21. Top 6 Electronic Toll Collection (ETC) Equipment Manufacturer (Consumption Value) Market Share in 2022

Figure 22. Global Electronic Toll Collection (ETC) Equipment Sales Quantity Market



Share by Region (2018-2029) Figure 23. Global Electronic Toll Collection (ETC) Equipment Consumption Value Market Share by Region (2018-2029) Figure 24. North America Electronic Toll Collection (ETC) Equipment Consumption Value (2018-2029) & (USD Million) Figure 25. Europe Electronic Toll Collection (ETC) Equipment Consumption Value (2018-2029) & (USD Million) Figure 26. Asia-Pacific Electronic Toll Collection (ETC) Equipment Consumption Value (2018-2029) & (USD Million) Figure 27. South America Electronic Toll Collection (ETC) Equipment Consumption Value (2018-2029) & (USD Million) Figure 28. Middle East & Africa Electronic Toll Collection (ETC) Equipment Consumption Value (2018-2029) & (USD Million) Figure 29. Global Electronic Toll Collection (ETC) Equipment Sales Quantity Market Share by Type (2018-2029) Figure 30. Global Electronic Toll Collection (ETC) Equipment Consumption Value Market Share by Type (2018-2029) Figure 31. Global Electronic Toll Collection (ETC) Equipment Average Price by Type (2018-2029) & (US\$/Unit) Figure 32. Global Electronic Toll Collection (ETC) Equipment Sales Quantity Market Share by Application (2018-2029) Figure 33. Global Electronic Toll Collection (ETC) Equipment Consumption Value Market Share by Application (2018-2029) Figure 34. Global Electronic Toll Collection (ETC) Equipment Average Price by Application (2018-2029) & (US\$/Unit) Figure 35. North America Electronic Toll Collection (ETC) Equipment Sales Quantity Market Share by Type (2018-2029) Figure 36. North America Electronic Toll Collection (ETC) Equipment Sales Quantity Market Share by Application (2018-2029) Figure 37. North America Electronic Toll Collection (ETC) Equipment Sales Quantity Market Share by Country (2018-2029) Figure 38. North America Electronic Toll Collection (ETC) Equipment Consumption Value Market Share by Country (2018-2029) Figure 39. United States Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 40. Canada Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 41. Mexico Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million)



Figure 42. Europe Electronic Toll Collection (ETC) Equipment Sales Quantity Market Share by Type (2018-2029)

Figure 43. Europe Electronic Toll Collection (ETC) Equipment Sales Quantity Market Share by Application (2018-2029)

Figure 44. Europe Electronic Toll Collection (ETC) Equipment Sales Quantity Market Share by Country (2018-2029)

Figure 45. Europe Electronic Toll Collection (ETC) Equipment Consumption Value Market Share by Country (2018-2029)

Figure 46. Germany Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. France Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. United Kingdom Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Russia Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Italy Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Asia-Pacific Electronic Toll Collection (ETC) Equipment Sales Quantity Market Share by Type (2018-2029)

Figure 52. Asia-Pacific Electronic Toll Collection (ETC) Equipment Sales Quantity Market Share by Application (2018-2029)

Figure 53. Asia-Pacific Electronic Toll Collection (ETC) Equipment Sales Quantity Market Share by Region (2018-2029)

Figure 54. Asia-Pacific Electronic Toll Collection (ETC) Equipment Consumption Value Market Share by Region (2018-2029)

Figure 55. China Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Japan Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Korea Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. India Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Southeast Asia Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Australia Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. South America Electronic Toll Collection (ETC) Equipment Sales Quantity



Market Share by Type (2018-2029) Figure 62. South America Electronic Toll Collection (ETC) Equipment Sales Quantity Market Share by Application (2018-2029) Figure 63. South America Electronic Toll Collection (ETC) Equipment Sales Quantity Market Share by Country (2018-2029) Figure 64. South America Electronic Toll Collection (ETC) Equipment Consumption Value Market Share by Country (2018-2029) Figure 65. Brazil Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 66. Argentina Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 67. Middle East & Africa Electronic Toll Collection (ETC) Equipment Sales Quantity Market Share by Type (2018-2029) Figure 68. Middle East & Africa Electronic Toll Collection (ETC) Equipment Sales Quantity Market Share by Application (2018-2029) Figure 69. Middle East & Africa Electronic Toll Collection (ETC) Equipment Sales Quantity Market Share by Region (2018-2029) Figure 70. Middle East & Africa Electronic Toll Collection (ETC) Equipment Consumption Value Market Share by Region (2018-2029) Figure 71. Turkey Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 72. Egypt Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 73. Saudi Arabia Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 74. South Africa Electronic Toll Collection (ETC) Equipment Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 75. Electronic Toll Collection (ETC) Equipment Market Drivers Figure 76. Electronic Toll Collection (ETC) Equipment Market Restraints Figure 77. Electronic Toll Collection (ETC) Equipment Market Trends Figure 78. Porters Five Forces Analysis Figure 79. Manufacturing Cost Structure Analysis of Electronic Toll Collection (ETC) Equipment in 2022 Figure 80. Manufacturing Process Analysis of Electronic Toll Collection (ETC) Equipment Figure 81. Electronic Toll Collection (ETC) Equipment Industrial Chain Figure 82. Sales Quantity Channel: Direct to End-User vs Distributors Figure 83. Direct Channel Pros & Cons Figure 84. Indirect Channel Pros & Cons



Figure 85. Methodology Figure 86. Research Process and Data Source



I would like to order

 Product name: Global Electronic Toll Collection (ETC) Equipment Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029
 Product link: <u>https://marketpublishers.com/r/GFEA177487E3EN.html</u>
 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 <u>https://marketpublishers.com/r/GFEA177487E3EN.html</u>

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

Custumer signature _____

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

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



Global Electronic Toll Collection (ETC) Equipment Market 2023 by Manufacturers, Regions, Type and Application,...