

Drive by Wire Market by Application (Throttle By Wire, Shift By Wire, Brake By Wire, Park By Wire, and Steer By Wire), Vehicle Type (Passenger Car, Commercial Vehicle, Electric Vehicle, and Off-highway Vehicles) and Component (Actuator, Electronic Control Unit (ECU), Engine Control Module (ECM), Electronic Throttle Control Module (ETCM), Electronic Transmission Control Unit (ETCU), Feedback Motor, Parking Pawl, Sensors, and Others): Global Opportunity Analysis and Industry Forecast, 2019-2026

https://marketpublishers.com/r/D9846D35AB7AEN.html

Date: December 2019

Pages: 319

Price: US\$ 4,296.00 (Single User License)

ID: D9846D35AB7AEN

# **Abstracts**

Drive by wire systems are also known as the X by wire and is semi-automatic, computer-controlled technology which is used in autonomous vehicles. This system is used to control the vehicular systems such as handling, braking, steering, and other vehicle motor functions. In addition, electronic components such as sensors and actuators are used to control the vehicular functions and eliminate the need to use traditional mechanical linkages.

Drive by wire market is anticipated to witness significant growth over the years, owing to rise in development of autonomous vehicles and development of connected infrastructure.

The global drive by wire market is segmented into application, vehicle type, component and region. Depending on application, the market is classified into throttle by wire, shift



by wire, brake by wire, park by wire, and steer by wire. On the basis of vehicle type, it is divided into passenger car, commercial vehicle, electric vehicle, and Off-highway vehicles. Components are categorized as Actuator, Electronic Control Unit (ECU), Engine Control Module (ECM), Electronic Throttle Control Module (ETCM), Electronic Transmission Control Unit (ETCU), Feedback Motor, Parking Pawl, Sensors, and others. By region, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

The key players analyzed in the Drive by wire market include Continental AG, Robert Bosch GmbH, ZF Friedrichshafen, Nissan Motor Corporation, DENSO Corporation, NEXTEER AUTOMOTIVE GROUP LIMITED, Kongsberg Automotive, Ficosa Corporation (Panasonic Corporation), Curtiss-Wright Corporation, Hitachi Automotive, and Others.

#### **KEY BENEFITS FOR STAKEHOLDERS**

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

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

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

The current market is quantitatively analyzed from 2018 to 2025 to highlight the financial competency of the market.

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

# **KEY MARKET SEGMENTS**

By Application

Throttle by wire

Shift by wire



	Brake by wire	
	Park by wire	
	Steer by wire	
By Vehicle Type		
	Passenger Car	
	Commercial vehicle	
	Electric Vehicle	
	Off-highway Vehicles	
By Component		
	Actuator	
	Electronic Control Unit (ECU)	
	Engine Control Module (ECM)	
	Electronic Throttle Control Module (ETCM)	
	Electronic Transmission Control Unit (ETCU)	
	Feedback Motor	
	Parking Pawl	
	Sensors	
	others	



# By Region

North America		
	U.S.	
	Canada	
	Mexico	
Europe		
	Germany	
	France	
	UK	
	Italy	
	Rest of Europe	
Asia-Pacific		
	Japan	
	China	
	India	
	South Korea	
	Rest of Asia-Pacific	
LAMEA		
	Latin America	

Middle East



Africa



# **Contents**

#### **CHAPTER 1: INTRODUCTION**

- 1.1. Report Description
- 1.2. Key Benefits For Stakeholders
- 1.3. Key Market Segments
- 1.4. Research Methodology
  - 1.4.1. Primary Research
  - 1.4.2. Secondary Research
  - 1.4.3. Analyst Tools And Models

# **CHAPTER 2: EXECUTIVE SUMMARY**

2.1. Cxo Perspective

# **CHAPTER 3: MARKET OVERVIEW**

- 3.1. Market Definition And Scope
- 3.2. Key Findings
  - 3.2.1. Top Impacting Factors
  - 3.2.2. Top Investment Pockets
  - 3.2.3. Top Winning Strategies
- 3.3. Porter'S Five Forces Analysis
- 3.4. Market Share Analysis (2017)
- 3.5. Market Dynamics
  - 3.5.1. Drivers
    - 3.5.1.1. Rising Development of Autonomous Vehicles.
    - 3.5.1.2. Growth of Connected Infrastructure.
  - 3.5.2. Restraint
    - 3.5.2.1. High Cost of Drive By Wire System
    - 3.5.2.2. Threat of Data Hacking And Malfunctioning
  - 3.5.3. Opportunities
    - 3.5.3.1. Development of Smart Cities.

### **CHAPTER 4: DRIVE BY WIRE MARKET, BY APPLICATION**

- 4.1. Overview
- 4.2. Throttle By Wire



- 4.2.1. Key Market Trends, Growth Factors And Opportunities
- 4.2.2. Market Size And Forecast, By Region
- 4.2.3. Market Analysis By Country
- 4.3. Shift By Wire
  - 4.3.1. Key Market Trends, Growth Factors, And Opportunities
  - 4.3.2. Market Size And Forecast, By Region
  - 4.3.3. Market Analysis By Country
- 4.4. Brake By Wire
- 4.4.1. Key Market Trends, Growth Factors, And Opportunities
- 4.4.2. Market Size And Forecast, By Region
- 4.4.3. Market Analysis By Country
- 4.5. Park By Wire
- 4.5.1. Key Market Trends, Growth Factors, And Opportunities
- 4.5.2. Market Size And Forecast, By Region
- 4.5.3. Market Analysis By Country
- 4.6. Steer By Wire
  - 4.6.1. Key Market Trends, Growth Factors, And Opportunities
  - 4.6.2. Market Size And Forecast, By Region
  - 4.6.3. Market Analysis By Country

### CHAPTER 5: DRIVE BY WIRE MARKET, BY VEHICLE TYPE

- 5.1. Overview
- 5.2. Passenger Car
  - 5.2.1. Key Market Trends, Growth Factors And Opportunities
  - 5.2.2. Market Size And Forecast, By Region
  - 5.2.3. Market Analysis By Country
- 5.3. Commercial Vehicle
  - 5.3.1. Key Market Trends, Growth Factors, And Opportunities
  - 5.3.2. Market Size And Forecast, By Region
  - 5.3.3. Market Analysis By Country
- 5.4. Electric Vehicle
  - 5.4.1. Key Market Trends, Growth Factors, And Opportunities
  - 5.4.2. Market Size And Forecast, By Region
  - 5.4.3. Market Analysis By Country
- 5.5. off-Highway Vehicles
  - 5.5.1. Key Market Trends, Growth Factors, And Opportunities
  - 5.5.2. Market Size And Forecast, By Region
  - 5.5.3. Market Analysis By Country



# CHAPTER 6: DRIVE BY WIRE MARKET, BY COMPONENT

- 6.1. Overview
- 6.2. Actuator
  - 6.2.1. Key Market Trends, Growth Factors And Opportunities
  - 6.2.2. Market Size And Forecast, By Region
  - 6.2.3. Market Analysis By Country
- 6.3. Electronic Control Unit (Ecu)
  - 6.3.1. Key Market Trends, Growth Factors, And Opportunities
  - 6.3.2. Market Size And Forecast, By Region
  - 6.3.3. Market Analysis By Country
- 6.4. Engine Control Module (Ecm)
  - 6.4.1. Key Market Trends, Growth Factors, And Opportunities
  - 6.4.2. Market Size And Forecast, By Region
  - 6.4.3. Market Analysis By Country
- 6.5. Electronic Throttle Control Module (Etcm)
  - 6.5.1. Key Market Trends, Growth Factors, And Opportunities
  - 6.5.2. Market Size And Forecast, By Region
  - 6.5.3. Market Analysis By Country
- 6.6. Electronic Transmission Control Unit (Etcu)
  - 6.6.1. Key Market Trends, Growth Factors, And Opportunities
  - 6.6.2. Market Size And Forecast, By Region
  - 6.6.3. Market Analysis By Country
- 6.7. Feedback Motor
  - 6.7.1. Key Market Trends, Growth Factors, And Opportunities
  - 6.7.2. Market Size And Forecast, By Region
  - 6.7.3. Market Analysis By Country
- 6.8. Parking Pawl
  - 6.8.1. Key Market Trends, Growth Factors, And Opportunities
  - 6.8.2. Market Size And Forecast, By Region
  - 6.8.3. Market Analysis By Country
- 6.9. Sensors
- 6.9.1. Key Market Trends, Growth Factors, And Opportunities
- 6.9.2. Market Size And Forecast, By Region
- 6.9.3. Market Analysis By Country
- 6.10. Others
- 6.10.1. Key Market Trends, Growth Factors, And Opportunities
- 6.10.2. Market Size And Forecast, By Region



# 6.10.3. Market Analysis By Country

# **CHAPTER 7: DRIVE BY WIRE MARKET, BY REGION**

/ 1	/ <b>/</b> //	ION	LONA
/ .	ı. O	/ 🖯   \	/iew

- 7.2. North America
  - 7.2.1. Key Market Trends, Growth Factors, And Opportunities
  - 7.2.2. Market Size And Forecast, By Application
  - 7.2.3. Market Size And Forecast, By Vehicle Type
  - 7.2.4. Market Size And Forecast, By Component
  - 7.2.5. Market Analysis By Country
    - 7.2.5.1. U.S.
      - 7.2.5.1.1. Market Size And Forecast, By Application
    - 7.2.5.1.2. Market Size And Forecast, By Vehicle Type
    - 7.2.5.1.3. Market Size And Forecast, By Component

#### 7.2.5.2. Canada

- 7.2.5.2.1. Market Size And Forecast, By Application
- 7.2.5.2.2. Market Size And Forecast, By Vehicle Type
- 7.2.5.2.3. Market Size And Forecast, By Component

### 7.2.5.3. Mexico

- 7.2.5.3.1. Market Size And Forecast, By Application
- 7.2.5.3.2. Market Size And Forecast, By Vehicle Type
- 7.2.5.3.3. Market Size And Forecast, By Component

# 7.3. Europe

- 7.3.1. Key Market Trends, Growth Factors, And Opportunities
- 7.3.2. Market Size And Forecast, By Application
- 7.3.3. Market Size And Forecast, By Vehicle Type
- 7.3.4. Market Size And Forecast, By Component
- 7.3.5. Market Analysis By Country

#### 7.3.5.1. U.K.

- 7.3.5.1.1. Market Size And Forecast, By Application
- 7.3.5.1.2. Market Size And Forecast, By Vehicle Type
- 7.3.5.1.3. Market Size And Forecast, By Component

#### 7.3.5.2. Germany

- 7.3.5.2.1. Market Size And Forecast, By Application
- 7.3.5.2.2. Market Size And Forecast, By Vehicle Type
- 7.3.5.2.3. Market Size And Forecast, By Component

### 7.3.5.3. Italy

7.3.5.3.1. Market Size And Forecast, By Application



- 7.3.5.3.2. Market Size And Forecast, By Vehicle Type
- 7.3.5.3.3. Market Size And Forecast, By Component

#### 7.3.5.4. France

- 7.3.5.4.1. Market Size And Forecast, By Application
- 7.3.5.4.2. Market Size And Forecast, By Vehicle Type
- 7.3.5.4.3. Market Size And Forecast, By Component

# 7.3.5.5. Rest of Europe

- 7.3.5.5.1. Market Size And Forecast, By Application
- 7.3.5.5.2. Market Size And Forecast, By Vehicle Type
- 7.3.5.5.3. Market Size And Forecast, By Component

#### 7.4. Asia-Pacific

- 7.4.1. Key Market Trends, Growth Factors, And Opportunities
- 7.4.2. Market Size And Forecast, By Application
- 7.4.3. Market Size And Forecast, By Vehicle Type
- 7.4.4. Market Size And Forecast, By Component
- 7.4.5. Market Analysis By Country

#### 7.4.5.1. China

- 7.4.5.1.1. Market Size And Forecast, By Application
- 7.4.5.1.2. Market Size And Forecast, By Vehicle Type
- 7.4.5.1.3. Market Size And Forecast, By Component

#### 7.4.5.2. Japan

- 7.4.5.2.1. Market Size And Forecast, By Application
- 7.4.5.2.2. Market Size And Forecast, By Vehicle Type
- 7.4.5.2.3. Market Size And Forecast, By Component

#### 7.4.5.3. India

- 7.4.5.3.1. Market Size And Forecast, By Application
- 7.4.5.3.2. Market Size And Forecast, By Vehicle Type
- 7.4.5.3.3. Market Size And Forecast, By Component

#### 7.4.5.4. South Korea

- 7.4.5.4.1. Market Size And Forecast, By Application
- 7.4.5.4.2. Market Size And Forecast, By Vehicle Type
- 7.4.5.4.3. Market Size And Forecast, By Component

# 7.4.5.5. Rest of Asia-Pacific

- 7.4.5.5.1. Market Size And Forecast, By Application
- 7.4.5.5.2. Market Size And Forecast, By Vehicle Type
- 7.4.5.5.3. Market Size And Forecast, By Component

#### 7.5. Lamea

- 7.5.1. Key Market Trends, Growth Factors, And Opportunities
- 7.5.2. Market Size And Forecast, By Application



- 7.5.3. Market Size And Forecast, By Vehicle Type
- 7.5.4. Market Size And Forecast, By Component
- 7.5.5. Market Analysis By Country
  - 7.5.5.1. Latin America
  - 7.5.5.1.1. Market Size And Forecast, By Application
  - 7.5.5.1.2. Market Size And Forecast, By Vehicle Type
  - 7.5.5.1.3. Market Size And Forecast, By Component
  - 7.5.5.2. Middle East
    - 7.5.5.2.1. Market Size And Forecast, By Application
  - 7.5.5.2.2. Market Size And Forecast, By Vehicle Type
  - 7.5.5.2.3. Market Size And Forecast, By Component
  - 7.5.5.3. Africa
    - 7.5.5.3.1. Market Size And Forecast, By Application
    - 7.5.5.3.2. Market Size And Forecast, By Vehicle Type
  - 7.5.5.3.3. Market Size And Forecast, By Component

#### **CHAPTER 8: COMPANY PROFILES**

- 8.1. Continental Ag.
  - 8.1.1. Company Overview
  - 8.1.2. Company Snapshot
  - 8.1.3. Operating Business Segments
  - 8.1.4. Product Portfolio
  - 8.1.5. Business Performance
  - 8.1.6. Key Strategic Moves And Developments
- 8.2. Robert Bosch Gmbh
  - 8.2.1. Company Overview
  - 8.2.2. Company Snapshot
  - 8.2.3. Operating Business Segments
  - 8.2.4. Product Portfolio
  - 8.2.5. Business Performance
  - 8.2.6. Key Strategic Moves And Developments
- 8.3. Zf Friedrichshafen
  - 8.3.1. Company Overview
  - 8.3.2. Operating Business Segments
  - 8.3.3. Product Portfolio
  - 8.3.4. Business Performance
  - 8.3.5. Key Strategic Moves And Developments
- 8.4. Nissan Motor Corporation



- 8.4.1. Company Overview
- 8.4.2. Company Snapshot
- 8.4.3. Product Portfolio
- 8.4.4. Business Performance
- 8.4.5. Key Strategic Moves And Developments
- 8.5. Denso Corporation
  - 8.5.1. Company Overview
  - 8.5.2. Company Snapshot
  - 8.5.3. Operating Business Segments
  - 8.5.4. Product Portfolio
  - 8.5.5. Business Performance
  - 8.5.6. Key Strategic Moves And Developments
- 8.6. Nexteer Automotive Group Limited
  - 8.6.1. Company Overview
  - 8.6.2. Company Snapshot
  - 8.6.3. Operating Business Segments
  - 8.6.4. Product Portfolio
  - 8.6.5. Business Performance
  - 8.6.6. Key Strategic Moves And Developments
- 8.7. Kongsberg Automotive
  - 8.7.1. Company Overview
  - 8.7.2. Company Snapshot
  - 8.7.3. Operating Business Segments
  - 8.7.4. Product Portfolio
  - 8.7.5. Business Performance
- 8.8. Ficosa Corporation (Panasonic Corporation)
  - 8.8.1. Company Overview
  - 8.8.2. Company Snapshot
  - 8.8.3. Operating Business Segments
  - 8.8.4. Product Portfolio
  - 8.8.5. Business Performance
  - 8.8.6. Key Strategic Moves And Developments
- 8.9. Curtiss-Wright Corporation
  - 8.9.1. Company Overview
  - 8.9.2. Company Snapshot
  - 8.9.3. Operating Business Segments
  - 8.9.4. Business Performance
- 8.10. Hitachi Automotive Systems, Ltd.
  - 8.10.1. Company Overview



- 8.10.2. Company Snapshot
- 8.10.3. Product Portfolio
- 8.10.4. Business Performance

Li



# **List Of Tables**

#### LIST OF TABLES

- Table 01. Global Drive By Wire Market, By Application, 2017-2025(\$Million)
- Table 02. Drive By Wire Market Revenue For Throttle By Wire, By Region 2018-2026 (\$Million)
- Table 03. Drive By Wire Market Revenue For Shift By Wire, By Region 2018-2026 (\$Million)
- Table 04. Drive By Wire Market Revenue For Brake By Wire, By Region 2018–2026 (\$Million)
- Table 05. Drive By Wire Market Revenue For Park By Wire, By Region 2018–2026 (\$Million)
- Table 06. Drive By Wire Market Revenue For Steer By Wire, By Region 2018–2026 (\$Million)
- Table 07. Global Drive By Wire Market, By Vehicle Type, 2017-2025(\$Million)
- Table 08. Drive By Wire Market Revenue For Passenger Car, By Region 2018-2026 (\$Million)
- Table 09. Drive By Wire Market Revenue For Commercial Vehicle, By Region 2018-2026 (\$Million)
- Table 10. Drive By Wire Market Revenue For Electric Vehicle, By Region 2018–2026 (\$Million)
- Table 11. Drive By Wire Market Revenue For off-Highway Vehicles, By Region 2018–2026 (\$Million)
- Table 12. Global Drive By Wire Market, By Component, 2017-2025(\$Million)
- Table 13. Drive By Wire Market Revenue For Actuator, By Region 2018-2026 (\$Million)
- Table 14. Drive By Wire Market Revenue For Electronic Control Unit (Ecu), By Region 2018-2026 (\$Million)
- Table 15. Drive By Wire Market Revenue For Engine Control Module (Ecm), By Region 2018–2026 (\$Million)
- Table 16. Drive By Wire Market Revenue For Electronic Throttle Control Module (Etcm), By Region 2018–2026 (\$Million)
- Table 17. Drive By Wire Market Revenue For Electronic Transmission Control Unit (Etcu), By Region 2018–2026 (\$Million)
- Table 18. Drive By Wire Market Revenue For Feedback Motor, By Region 2018–2026 (\$Million)
- Table 19. Drive By Wire Market Revenue For Parking Pawl, By Region 2018–2026 (\$Million)
- Table 20. Drive By Wire Market Revenue For Sensors, By Region 2018–2026 (\$Million)



- Table 21. Drive By Wire Market Revenue For Others, By Region 2018–2026 (\$Million)
- Table 22. North American Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 23. North American Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)
- Table 24. North American Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 25. U. S. Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 26. U. S. Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)
- Table 27. U. S. Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 28. Canada Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 29. Canada Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)
- Table 30. Canada Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 31. Mexico Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 32. Mexico Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)
- Table 33. Mexico Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 34. European Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 35. European Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)
- Table 36. European Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 37. U.K. Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 38. U.K. Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)
- Table 39. U.K. Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 40. Germany Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 41. Germany Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)
- Table 42. Germany Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 43. Italy Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 44. Italy Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)
- Table 45. Italy Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 46. France Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 47. France Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)
- Table 48. France Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 49. Rest of Europe Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 50. Rest of Europe Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)
- Table 51. Rest of Europe Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 52. Asia-Pacific Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 53. Asia-Pacific Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)
- Table 54. Asia-Pacific Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 55. China Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 56. China Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)
- Table 57. China Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 58. Japan Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 59. Japan Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)



- Table 60. Japan Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 61. India Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 62. India Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)
- Table 63. India Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 64. South Korea Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 65. South Korea Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)
- Table 66. South Korea Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 67. Rest of Asia-Pacific Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 68. Rest of Asia-Pacific Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)
- Table 69. Rest of Asia-Pacific Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 70. Lamea Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 71. Lamea Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)
- Table 72. Lamea Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 73. Latin America Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 74. Latin America Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)
- Table 75. Latin America Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 76. Middle East Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 77. Middle East Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)
- Table 78. Middle East Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 79. Africa Drive By Wire Market, By Application, 2018–2026 (\$Million)
- Table 80. Africa Drive By Wire Market, By Vehicle Type, 2018–2026 (\$Million)
- Table 81. Africa Drive By Wire Market, By Component, 2018–2026 (\$Million)
- Table 82. Continental Ag: Company Snapshot
- Table 83. Continental Ag: Operating Segments
- Table 84. Continentalag: Product Portfolio
- Table 85. Robert Bosch Gmbh: Company Snapshot
- Table 86. Robert Bosch Gmbh: Operating Segments
- Table 87. Robert Bosch Gmbh: Product Portfolio
- Table 88. Zf Friedrichshafen: Company Snapshot
- Table 89. Zf Friedrichshafen: Operating Segments
- Table 90. Zf Friedrichshafen: Product Portfolio
- Table 91. Nissan Motor Co., Ltd.: Company Snapshot
- Table 92. Nissan Motor Co., Ltd.: Product Portfolio
- Table 93. Nissan Motor Co., Ltd.: Key Strategic Moves And Developments
- Table 94. Denso Corporation: Company Snapshot
- Table 95. Denso Corporation: Operating Segments



Table 96. Denso Corporation: Product Portfolio

Table 97. Nexteer Automotive Group Limited: Company Snapshot

Table 98. Nexteer Automotive Group Limited: Product Categories

Table 99. Nexteer Automotive Group Limited: Product Portfolio

Table 100. Kongsberg Automotive: Company Snapshot

Table 101. Kongsberg Automotive: Operating Segments

Table 102. Kongsberg Automotive: Product Portfolio

Table 103. Ficosa: Company Snapshot

Table 104. Panasonic Corporation: Operating Segments

Table 105. Ficosa: Product Portfolio

Table 106. Ficosa: Key Strategic Moves And Developments

Table 107. Curtiss-Wright Corporation: Company Snapshot

Table 108. Curtiss-Wright Corporation: Operating Segments

Table 109. Hitachi Automotive Systems, Ltd.: Company Snapshot

Table 110. Hitachi Automotive Systems, Ltd.: Product Portfolio



# **List Of Figures**

#### LIST OF FIGURES

- Figure 01. Key Market Segments
- Figure 02. Executive Summary
- Figure 03. Executive Summary
- Figure 04. Top Impacting Factors
- Figure 05. Top Investment Pockets
- Figure 06. Top Winning Strategies, By Year, 2016–2018\*
- Figure 07. Top Winning Strategies, By Year, 2016–2018\*
- Figure 08. Top Winning Strategies, By Company, 2016–2018\*
- Figure 09. Moderate-To-High Bargaining Power of Suppliers
- Figure 10. Moderate-To-High Threat of New Entrants
- Figure 11. Moderate Threat of Substitutes
- Figure 12. High-To-Moderate Intensity of Rivalry
- Figure 13. High-To-Moderate Bargaining Power of Buyers
- Figure 14. Market Share Analysis (2017)
- Figure 15. Global Drive By Wire Market Share, By Application, 2018–2026 (%)
- Figure 16. Comparative Share Analysis of Drive By Wire Market For Throttle By Wire, By Country, 2018 & 2026 (%)
- Figure 17. Comparative Share Analysis of Drive By Wire Market For Shift By Wire, By Country, 2018 & 2026 (%)
- Figure 18. Comparative Share Analysis of Drive By Wire Market For Brake By Wire, By Country, 2018 & 2026 (%)
- Figure 19. Comparative Share Analysis of Drive By Wire Market For Park By Wire, By Country, 2018 & 2026 (%)
- Figure 20. Comparative Share Analysis of Drive By Wire Market For Steer By Wire, By Country, 2018 & 2026 (%)
- Figure 21. Global Drive By Wire Market Share, By Vehicle Type, 2018–2026 (%)
- Figure 22. Comparative Share Analysis of Drive By Wire Market For Passenger Car, By Country, 2018 & 2026 (%)
- Figure 23. Comparative Share Analysis of Drive By Wire Market For Commercial Vehicle, By Country, 2018 & 2026 (%)
- Figure 24. Comparative Share Analysis of Drive By Wire Market For Electric Vehicle, By Country, 2018 & 2026 (%)
- Figure 25. Comparative Share Analysis of Drive By Wire Market For off-Highway Vehicles, By Country, 2018 & 2026 (%)
- Figure 26. Global Drive By Wire Market Share, By Component, 2018–2026 (%)



Figure 27. Comparative Share Analysis of Drive By Wire Market For Actuator, By Country, 2018 & 2026 (%)

Figure 28. Comparative Share Analysis of Drive By Wire Market For Electronic Control Unit (Ecu), By Country, 2018 & 2026 (%)

Figure 29. Comparative Share Analysis of Drive By Wire Market For Engine Control Module (Ecm), By Country, 2018 & 2026 (%)

Figure 30. Comparative Share Analysis of Drive By Wire Market For Electronic Throttle Control Module (Etcm), By Country, 2018 & 2026 (%)

Figure 31. Comparative Share Analysis of Drive By Wire Market For Electronic Transmission Control Unit (Etcu), By Country, 2018 & 2026 (%)

Figure 32. Comparative Share Analysis of Drive By Wire Market For Feedback Motor, By Country, 2018 & 2026 (%)

Figure 33. Comparative Share Analysis of Drive By Wire Market For Parking Pawl, By Country, 2018 & 2026 (%)

Figure 34. Comparative Share Analysis of Drive By Wire Market For Sensors, By Country, 2018 & 2026 (%)

Figure 35. Comparative Share Analysis of Drive By Wire Market For Sensors, By Country, 2018 & 2026 (%)

Figure 36. Drive By Wire Market, By Region, 2018-2026 (%)

Figure 37. Comparative Share Analysis of Drive By Wire Market, By Country, 2018–2026 (%)

Figure 38. U. S. Drive By Wire Market, 2018–2026 (\$Million)

Figure 39. Canada Drive By Wire Market, 2018–2026 (\$Million)

Figure 40. Mexico Drive By Wire Market, 2018–2026 (\$Million)

Figure 41. Comparative Share Analysis of Drive By Wire Market, By Country, 2018–2026 (%)

Figure 42. U.K. Drive By Wire Market, 2018–2026 (\$Million)

Figure 43. Germany Drive By Wire Market, 2018–2026 (\$Million)

Figure 44. Italy Drive By Wire Market, 2018–2026 (\$Million)

Figure 45. France Drive By Wire Market, 2018–2026 (\$Million)

Figure 46. Rest of Europe Drive By Wire Market, 2018–2026 (\$Million)

Figure 47. Comparative Share Analysis of Drive By Wire Market, By Country, 2018–2026 (%)

Figure 48. China Drive By Wire Market, 2018–2026 (\$Million)

Figure 49. Japan Drive By Wire Market, 2018–2026 (\$Million)

Figure 50. India Drive By Wire Market, 2018–2026 (\$Million)

Figure 51. South Korea Drive By Wire Market, 2018–2026 (\$Million)

Figure 52. Rest of Asia-Pacific Drive By Wire Market, 2018–2026 (\$Million)

Figure 53. Comparative Share Analysis of Drive By Wire Market, By Country,



## 2018–2026 (%)

- Figure 54. Latin America Drive By Wire Market, 2018–2026 (\$Million)
- Figure 55. Middle East Drive By Wire Market, 2018–2026 (\$Million)
- Figure 56. Africa Drive By Wire Market, 2018–2026 (\$Million)
- Figure 57. Continental Ag: Net Sales, 2016-2018 (\$Million)
- Figure 58. Continental Ag: Revenue Share By Segment, 2018 (%)
- Figure 59. Continental Ag: Revenue Share By Region, 2018 (%)
- Figure 60. Robert Bosch: Revenue, 2016–2018 (\$Million)
- Figure 61. Robert Bosch Gmbh: Revenue Share By Segment, 2018 (%)
- Figure 62. Robert Bosch Gmbh: Revenue Share By Region, 2018 (%)
- Figure 63. Zf Friedrichshafen: Net Sales, 2016-2018 (\$Million)
- Figure 64. Zf Friedrichshafen: Revenue Share By Segment, 2018 (%)
- Figure 65. Zf Friedrichshafen: Revenue Share By Region, 2018 (%)
- Figure 66. Nissan Motor Co., Ltd.: Revenue, 2016–2018 (\$Million)
- Figure 67. Nissan Motor Co., Ltd.: Revenue Share By Segment, 2018 (%)
- Figure 68. Nissan Motor Co., Ltd.: Revenue Share By Geography, 2018 (%)
- Figure 69. Denso Corporation: Revenue, 2017-2019 (\$Million)
- Figure 70. Denso Corporation: Revenue Share By Segment, 2019 (%)
- Figure 71. Denso Corporation: Revenue Share By Region, 2019 (%)
- Figure 72. Nexteer Automotive Group Limited: Revenue, 2016–2018 (\$Million)
- Figure 73. Nexteer Automotive Group Limited: Revenue Share By Segment, 2018 (%)
- Figure 74. Nexteer Automotive Group Limited: Revenue Share By Region, 2018 (%)
- Figure 75. Kongsberg Automotive: Revenue, 2016–2018 (\$Million)
- Figure 76. Kongsberg Automotive: Revenue Share By Segment, 2018 (%)
- Figure 77. Kongsberg Automotive: Revenue Share By Geography, 2018 (%)
- Figure 78. Panasonic Corporation: Revenue, 2016–2018 (\$Million)
- Figure 79. Panasonic Carporation: Revenue Share By Segment, 2018 (%)
- Figure 80. Panasonic Carporation: Revenue Share By Geography, 2018 (%)
- Figure 81. Curtiss-Wright Corporation: Revenue, 2016–2018 (\$Million)
- Figure 82. Curtiss-Wright Corporation: Revenue Share By Segment, 2018 (%)
- Figure 83. Hitachi Automotive Systems, Ltd.: Revenue, 2016–2018 (\$Million)



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