

## Global Train Control & Management System (TCMS) Market Professional Survey Report 2017

https://marketpublishers.com/r/G437A5E84FDEN.html

Date: December 2017 Pages: 156 Price: US\$ 3,500.00 (Single User License) ID: G437A5E84FDEN

### Abstracts

This report studies the Train Control & Management System (TCMS) market status and outlook of global and major regions, from angles of manufacturers, regions, product types and end industries; this report analyzes the top manufacturers in global and major regions, and splits the Train Control & Management System (TCMS) market by product type and applications/end industries.

The major players in global Train Control & Management System (TCMS) market include

Alstom SA Bombardier Siemens AG Hitachi Ltd. Mitsubishi Electric Strukton Rail Wabtec Corporation Selectron Systems Toshiba Thales Group CAF EKE-Electronics

Geographically, this report is segmented into several key Regions, with production, consumption, revenue, market share and growth rate of Train Control & Management System (TCMS) in these regions, from 2012 to 2022 (forecast), covering North America Europe China



Japan CIS ROW On the basis of product, the Train Control & Management System (TCMS) market is primarily split into CBTC PTC Integrated Train Control On the basis on the end users/applications, this report covers Metros High-Speed Trains Normal Trains



### Contents

#### 1 INDUSTRY OVERVIEW OF TRAIN CONTROL & MANAGEMENT SYSTEM (TCMS)

1.1 Definition and Specifications of Train Control & Management System (TCMS)

1.2 Train Control & Management System (TCMS) Segment by Types (Product Category)

1.2.1 Global Train Control & Management System (TCMS) Revenue (M USD) and Growth Rate (%) Comparison by Types (2012-2022)

1.2.2 Global Train Control & Management System (TCMS) Revenue Market Share (%) by Types in 2016

1.2.3 CBTC

1.2.4 PTC

1.2.5 Integrated Train Control

1.3 Global Train Control & Management System (TCMS) Segment by Applications 1.3.1 Global Train Control & Management System (TCMS) Consumption (Units)

Comparison by Applications (2012-2022)

1.3.2 Metros

1.3.3 High-Speed Trains

1.3.4 Normal Trains

1.4 Global Train Control and Management System Market by Regions (2012-2022)

1.4.1 Global Train Control and Management System Market Size and Growth Rate Comparison by Regions (2012-2022)

1.4.2 North America Train Control and Management System Status and Prospect (2012-2022)

1.4.3 Europe Train Control and Management System Status and Prospect (2012-2022)

1.4.4 Japan Train Control and Management System Status and Prospect (2012-2022)

1.4.5 China Train Control and Management System Status and Prospect (2012-2022)

1.4.6 CIS Train Control and Management System Status and Prospect (2012-2022)

1.4.7 ROW Train Control and Management System Status and Prospect (2012-2022)

1.5 Global Train Control and Management System Market Size (2012-2022)

1.5.1 Global Train Control and Management System Revenue (Million USD) Status and Outlook (2012-2022)

1.5.2 Global Train Control and Management System Sales (Units) Status and Outlook (2012-2022)

# 2 MANUFACTURING COST STRUCTURE ANALYSIS OF TRAIN CONTROL & MANAGEMENT SYSTEM (TCMS)

Global Train Control & Management System (TCMS) Market Professional Survey Report 2017



- 2.1 Raw Material and Suppliers
- 2.2 Labor Cost Analysis of Mining Automation
  - 2.2.1 USA Labor Cost Analysis
  - 2.2.2 EU Labor Costs Analysis
- 2.2.3 China Labor Costs Analysis
- 2.3 Other Costs Analysis of Mining Automation
- 2.3.1 USA Other Cost Analysis
- 2.3.2 EU Other Cost Analysis
- 2.3.3 China Other Cost Analysis
- 2.4 Manufacturing Cost Structure Analysis of Train Control & Management System (TCMS)
  - 2.4.1 Raw Materials
  - 2.4.2 Labor Cost
- 2.4.3 Manufacturing Expenses
- 2.5 Manufacturing Process Analysis of Train Control & Management System (TCMS)

2.6 Industry Chain Structure of Train Control & Management System (TCMS)

#### 3 GLOBAL TRAIN CONTROL AND MANAGEMENT SYSTEM MARKET COMPETITION BY MANUFACTURERS

3.1 Global Train Control and Management System Sales and Share by Manufacturers (2015-2017)

3.2 Global Train Control and Management System Revenue and Share by Manufacturers (2015-2017)

3.3 Global Train Control and Management System Average Price and Gross Margin by Manufacturers (2015-2017)

3.4 Train Control and Management System Market Competitive Situation and Trends

#### 4 GLOBAL TRAIN CONTROL AND MANAGEMENT SYSTEM OVERALL MARKET OVERVIEW

- 4.1 2012-2017E Overall Market Analysis
- 4.2 Sales Analysis by Regions
- 4.3 Sales Revenue Analysis by Regions

#### **5 TRAIN CONTROL AND MANAGEMENT SYSTEM REGIONAL MARKET ANALYSIS**

5.1 North America Train Control and Management System Market Analysis



5.1.1 North America Train Control and Management System Market Overview

5.1.2 North America 2012-2017E Train Control and Management System Local Supply, Import, Export, Local Consumption Analysis

5.1.3 North America 2012-2017E Train Control and Management System Sales Price Analysis

5.1.4 North America 2016 Train Control and Management System Market Share Analysis

5.2 Europe Train Control and Management System Market Analysis

5.2.1 Europe Train Control and Management System Market Overview

5.2.2 Europe 2012-2017E Train Control and Management System Local Supply, Import, Export, Local Consumption Analysis

5.2.3 Europe 2012-2017E Train Control and Management System Sales Price Analysis

5.2.4 Europe 2016 Train Control and Management System Market Share Analysis 5.3 Japan Train Control and Management System Market Analysis

5.3.1 Japan Train Control and Management System Market Overview

5.3.2 Japan 2012-2017E Train Control and Management System Local Supply, Import, Export, Local Consumption Analysis

5.3.3 Japan 2012-2017E Train Control and Management System Sales Price Analysis

5.3.4 Japan 2016 Train Control and Management System Market Share Analysis

5.4 China Train Control and Management System Market Analysis

5.4.1 China Train Control and Management System Market Overview

5.4.2 China 2012-2017E Train Control and Management System Local Supply, Import, Export, Local Consumption Analysis

5.4.3 China 2012-2017E Train Control and Management System Sales Price Analysis

5.4.4 China 2016 Train Control and Management System Market Share Analysis

5.5 CIS Train Control and Management System Market Analysis

5.5.1 CIS Train Control and Management System Market Overview

5.5.2 CIS 2012-2017E Train Control and Management System Local Supply, Import, Export, Local Consumption Analysis

5.5.3 CIS 2012-2017E Train Control and Management System Sales Price Analysis 5.5.4 CIS 2016 Train Control and Management System Market Share Analysis

# 6 GLOBAL TRAIN CONTROL AND MANAGEMENT SYSTEM SALES, REVENUE, PRICE TREND BY TYPES

6.2 Global Train Control and Management System Revenue and Market Share by Types (2012-2017)

6.2 Global Train Control and Management System Growth by Type (2012-2017)



6.3 Drivers Factors and Emerging Markets/Countries

#### 7 GLOBAL TRAIN CONTROL AND MANAGEMENT SYSTEM MARKET ANALYSIS BY APPLICATIONS

7.1 Global Train Control and Management System Consumption and Market Share by Applications (2012-2017)

7.2 Global Train Control and Management System Revenue and Market Share by Applications (2012-2017)

7.3 Global Train Control and Management System Price by Applications (2012-2017)

7.4 Global Train Control and Management System Consumption Growth Rate by Applications (2012-2017)

#### 8 MAJOR MANUFACTURERS ANALYSIS OF TRAIN CONTROL & MANAGEMENT SYSTEM (TCMS)

8.1 Alstom SA

8.1.1 Company Profile

8.1.2 Product Picture and Specifications

8.1.3 Alstom SA 2015-2017 Train Control & Management System (TCMS) Sales, Exfactory, Ex-factory Price, Revenue, Gross Margin Analysis

8.1.4 Alstom SA 2016 Train Control & Management System (TCMS) Business Region Distribution Analysis

8.2 Bombardier Inc.

8.2.1 Company Profile

8.2.2 Product Picture and Specifications

8.2.3 Bombardier Inc. 2015-2017 Train Control & Management System (TCMS) Sales, Ex-factory, Ex-factory Price, Revenue, Gross Margin Analysis

8.2.4 Bombardier Inc. 2016 Train Control & Management System (TCMS) Business Region Distribution Analysis

8.3 Siemens AG

8.3.1 Company Profile

8.3.2 Product Picture and Specifications

8.3.3 Siemens AG 2015-2017 Train Control & Management System (TCMS) Sales, Exfactory, Ex-factory Price, Revenue, Gross Margin Analysis

8.3.4 Siemens AG 2016 Train Control & Management System (TCMS) Business

Region Distribution Analysis

8.4 Hitachi Ltd.

8.4.1 Company Profile



8.4.2 Product Picture and Specifications

8.4.3 Hitachi Ltd. 2015-2017 Train Control & Management System (TCMS) Sales, Exfactory, Ex-factory Price, Revenue, Gross Margin Analysis

8.4.4 Hitachi Ltd. 2016 Train Control & Management System (TCMS) Business Region Distribution Analysis

8.5 Mitsubishi Electric Corporation

8.5.1 Company Profile

8.5.2 Product Picture and Specifications

8.5.3 Mitsubishi Electric Corporation 2015-2017 Train Control & Management System

(TCMS) Sales, Ex-factory, Ex-factory Price, Revenue, Gross Margin Analysis

8.5.4 Mitsubishi Electric Corporation 2016 Train Control & Management System

(TCMS) Business Region Distribution Analysis

8.6 Strukton Rail

8.6.1 Company Profile

8.6.2 Product Picture and Specifications

8.6.3 Strukton Rail 2015-2017 Train Control & Management System (TCMS) Sales, Exfactory, Ex-factory Price, Revenue, Gross Margin Analysis

8.6.4 Strukton Rail 2016 Train Control & Management System (TCMS) Business Region Distribution Analysis

8.7 Wabtec Corporation

8.7.1 Company Profile

8.7.2 Product Picture and Specifications

8.7.3 Wabtec Corporation 2015-2017 Train Control & Management System (TCMS) Sales, Ex-factory, Ex-factory Price, Revenue, Gross Margin Analysis

8.7.4 Wabtec Corporation 2016 Train Control & Management System (TCMS)

**Business Region Distribution Analysis** 

8.8 Selectron Systems

8.8.1 Company Profile

8.8.2 Product Picture and Specifications

8.8.3 Selectron Systems 2015-2017 Train Control & Management System (TCMS)

Sales, Ex-factory, Ex-factory Price, Revenue, Gross Margin Analysis

8.8.4 Selectron Systems 2016 Train Control & Management System (TCMS) Business Region Distribution Analysis

8.9Toshiba

8.9.1 Company Profile

8.9.2 Product Picture and Specifications

8.9.3 Toshiba 2015-2017 Train Control & Management System (TCMS) Sales, Ex-

factory, Ex-factory Price, Revenue, Gross Margin Analysis

8.9.4 Toshiba 2016 Train Control & Management System (TCMS) Business Region



**Distribution Analysis** 

8.10 Thales Group

8.10.1 Company Profile

8.10.2 Product Picture and Specifications

8.10.3 Thales Group 2015-2017 Train Control & Management System (TCMS) Sales,

Ex-factory, Ex-factory Price, Revenue, Gross Margin Analysis

8.10.4 Thales Group 2016 Train Control & Management System (TCMS) Business Region Distribution Analysis

8.11 CAF

8.11.1 Company Profile

8.11.2 Product Picture and Specifications

8.11.3 CAF 2015-2017 Train Control & Management System (TCMS) Sales, Ex-

factory, Ex-factory Price, Revenue, Gross Margin Analysis

8.11.4 CAF 2016 Train Control & Management System (TCMS) Business Region Distribution Analysis

8.12 EKE-Electronics

8.12.1 Company Profile

8.12.2 Product Picture and Specifications

8.12.3 EKE-Electronics 2015-2017 Train Control & Management System (TCMS)

Sales, Ex-factory, Ex-factory Price, Revenue, Gross Margin Analysis

8.12.4 EKE-Electronics 2016 Train Control & Management System (TCMS) Business Region Distribution Analysis

#### 9 DEVELOPMENT TREND OF ANALYSIS OF TRAIN CONTROL AND MANAGEMENT SYSTEM MARKET

9.1 Global Train Control and Management System Market Trend Analysis

9.1.1 Global 2017-2022 Train Control and Management System Market Size (Volume and Value) Forecast

9.1.2 Global 2017-2022 Train Control and Management System Sales Price Forecast9.2 Train Control and Management System Regional Market Trend

9.2.1 North America 2017-2022 Train Control and Management System Consumption Forecast

9.2.2 Europe 2017-2022 Train Control and Management System Consumption Forecast

9.2.3 Japan 2017-2022 Train Control and Management System Consumption Forecast 9.2.4 China 2017-2022 Train Control and Management System Consumption Forecast

- 9.3 Train Control and Management System Market Trend (Product Type)
- 9.4 Train Control and Management System Market Trend (Application)



#### **10 MARKET EFFECT FACTORS ANALYSIS**

- 10.1 New Project SWOT Analysis
- 10.2 Consumer Needs/Customer Preference Change
- 10.3 Economic/Political Environmental Change

# 11 CONSUMERS ANALYSIS OF TRAIN CONTROL & MANAGEMENT SYSTEM (TCMS)

- 11.1 CRRC Analysis
- 11.2 Metra Analysis
- 11.3 Talgo Analysis
- 11.4 Trenitalia Analysis

#### 12 CONCLUSION OF THE GLOBAL TRAIN CONTROL & MANAGEMENT SYSTEM (TCMS) MARKET PROFESSIONAL SURVEY REPORT 2016

#### 13 METHODOLOGY AND DATA SOURCE

- 13.1 Methodology/Research Approach
  - 13.1.1 Research Programs/Design
  - 13.1.2 Market Size Estimation
  - 13.1.3 Market Breakdown and Data Triangulation

#### 13.2 Data Source

- 13.2.1 Secondary Sources
- 13.2.2 Primary Sources
- 13.3 Disclaimer
- 13.4 Author List

The report requires updating with new data and is sent in 2-3 business days after order is placed.



### **List Of Tables**

#### LIST OF TABLES AND FIGURES

Figure Picture of Train Control and Management System (TCMS) Table Global Train Control & Management System (TCMS) Revenue (M USD) and Growth Rate (%) Comparison by Types (2012-2022) Figure Global Train Control & Management System (TCMS) Revenue Market Share (%) by Types in 2016 Figure Product Picture of CBTC Figure Product Picture of PTC Figure Product Picture of Integrated Train Control Table Global Train Control & Management System (TCMS) Consumption (Units) Comparison by Applications (2012-2022) Figure Global Train Control & Management System (TCMS) Consumption (K Units) Market Share (%) by Applications in 2016 **Figure Metros Examples** Figure High-Speed Trains Examples Figure Normal Trains Examples Figure Global Train Control and Management System Revenue (M USD) Comparison by Regions (2012-2022) Figure North America Train Control and Management System Revenue (Million USD) and Growth Rate (2012-2022) Figure Europe Train Control and Management System Revenue (Million USD) and Growth Rate (2012-2022) Figure Japan Train Control and Management System Revenue (Million USD) and Growth Rate (2012-2022) Figure China Train Control and Management System Revenue (Million USD) and Growth Rate (2012-2022) Figure CIS Train Control and Management System Revenue (Million USD) and Growth Rate (2012-2022) Figure ROW Train Control and Management System Revenue (Million USD) and Growth Rate (2012-2022) Figure Global Train Control and Management System Revenue (Million USD) Status and Outlook (2012-2022) Figure Global Train Control and Management System Sales (Units) Status and Outlook (2012 - 2022)Table Train Control & Management System (TCMS) Raw Material and Suppliers Figure 2007-2015 Semiconductor Si Wafers Price (USD/Square Inch)



Figure PCB Price Analysis

Figure USA Labor Cost Analysis

Figure Cost of Employing a Factory Worker

Figure 2015 Estimated Labor Costs for the Whole Economy in EUR

Figure Monthly Minimum Wages in Asia 2016

Figure China Labor Costs

Table Average Price of Electricity to Ultimate Customers

Figure Electricity Prices for Household Consumers in 2015

Figure Major Regions Water Price (€Per Cubic Metre) in EU

Figure Summary of the Driving Assumptions

Figure Industrial Electric Rates 2015 (PER KWH)

Table Manufacturing Cost Structure Analysis of Train Control & Management System (TCMS) in 2016

Figure Manufacturing Process Analysis of Train Control & Management System (TCMS) Figure Industry Chain Structure of Train Control & Management System (TCMS) Table Global Train Control and Management System Sales (Units) of Key

Manufacturers (2015-2017)

Figure 2015 Train Control and Management System Sales Share by Manufacturers Figure 2016 Train Control and Management System Sales Share by Manufacturers Table Global Train Control and Management System Revenue (Million USD) by Manufacturers (2015-2017)

Figure 2015 Global Train Control and Management System Revenue Share by Manufacturers

Figure 2016 Global Train Control and Management System Revenue Share by Manufacturers

Table Global Market Train Control and Management System Average Price (K USD/Unit) of Key Manufacturers (2015-2017)

Figure Global Market Train Control and Management System Average Price (K USD/Unit) of Key Manufacturers in 2016

Table Global Market Train Control and Management System Average Gross Margin of Key Manufacturers (2015-2017)

Figure Global Market Train Control and Management System Average Gross Margin of Key Manufacturers in 2016

Figure Train Control and Management System Sales Market Share of Top 3 Manufacturers in 2016

Figure Train Control and Management System Sales Market Share of Top 5 Manufacturers in 2016

Table Global Sales (Units), Price (K USD/Unit), Cost (K USD/Unit), Sales Revenue (M USD) and Gross Margin of Train Control and Management System 2012-2017



Figure Global 2012-2017E Train Control and Management System Sales (Units) and Growth Rate

Figure Global 2012-2017E Train Control and Management System Market Size (Million USD) and Growth Rate

Table 2012-2017E Global Train Control and Management System Sales by Regions Table 2012-2017E Global Train Control and Management System Sales Share by Regions

Figure 2012 Global Train Control and Management System Sales Share by Regions Figure 2016 Global Train Control and Management System Sales Share by Regions Table 2012-2017E Global Train Control and Management System Sales Revenue by Regions

Table 2012-2017E Global Train Control and Management System Sales RevenueShare by Regions

Figure 2012 Global Train Control and Management System Sales Revenue Share by Regions

Figure 2016 Global Train Control and Management System Sales Revenue Share by Regions

Figure 2012-2017E North America Train Control and Management System Sales and Growth Rate

Figure 2012-2017E North America Train Control and Management System Revenue and Growth Rate

Table North America Supply, Import, Export and Consumption of Train Control and Management System 2012-2017 (Units)

Figure North America 2012-2017E Train Control and Management System Sales Price (K USD/Unit)

Figure North America 2016 Train Control and Management System Sales Market Share Figure 2012-2017E Europe Train Control and Management System Sales and Growth Rate

Figure 2012-2017E Europe Train Control and Management System Revenue and Growth Rate

Table Europe Supply, Import, Export and Consumption of Train Control and Management System 2012-2017 (Units)

Figure Europe 2012-2017E Train Control and Management System Sales Price (K USD/Unit)

Figure Europe 2016 Train Control and Management System Sales Market Share Figure 2012-2017E Japan Train Control and Management System Sales and Growth Rate

Figure 2012-2017E Japan Train Control and Management System Revenue and Growth Rate



Table Japan Supply, Import, Export and Consumption of Train Control andManagement System 2012-2017 (Units)

Figure Japan 2012-2017E Train Control and Management System Sales Price (K USD/Unit)

Figure Japan 2016 Train Control and Management System Sales Market Share

Figure 2012-2017E China Train Control and Management System Sales and Growth Rate

Figure 2012-2017E China Train Control and Management System Revenue and Growth Rate

Table China Supply, Import, Export and Consumption of Train Control and Management System 2012-2017 (Units)

Figure China 2012-2017E Train Control and Management System Sales Price (K USD/Unit)

Figure China 2016 Train Control and Management System Sales Market Share Figure 2012-2017E CIS Train Control and Management System Sales and Growth Rate Figure 2012-2017E CIS Train Control and Management System Revenue and Growth Rate

Table CIS Supply, Import, Export and Consumption of Train Control and Management System 2012-2017 (Units)

Figure CIS 2012-2017E Train Control and Management System Sales Price (K USD/Unit)

Figure CIS 2016 Train Control and Management System Sales Market Share

Table Global Train Control and Management System Revenue (Million USD) by Types (2012-2017)

Figure 2012 Revenue Market Share of Train Control and Management System by Types

Figure 2016 Revenue Market Share of Train Control and Management System by Types

Figure Train Control and Management System Growth by Type (2012-2017)

 Table Drivers Factors of Train Control & Management System (TCMS)

Figure Global Outlook for GDP Growth Rates 2016-2025

Figure Growth Rates of GDP 2016-2025

Table GDP Growth Rates 2015-2025

Table Global Outlook for GDP Growth Rates 2016-2025

Figure Emerging Markets/Countries

Table the Most Promising Market

Table Global Train Control and Management System Consumption (Units) by

Applications (2012-2017)

Figure Global Train Control and Management System Consumption Market Share by



Applications in 2012 Figure Global Train Control and Management System Consumption Market Share by Applications in 2016 Table Global Train Control and Management System Revenue (Units) by Applications (2012 - 2017)Figure Global Train Control and Management System Revenue Market Share by Applications in 2012 Figure Global Train Control and Management System Revenue Market Share by Applications in 2016 Table Global Train Control and Management System Price (K USD/Unit) by Applications (2012-2017) Figure Global Train Control and Management System Consumption Growth Rate by Applications (2012-2017) Table Alstom SA Information List Table Train Control & Management System (TCMS) Overview Table 2015-2017 Alstom SA Train Control & Management System (TCMS) Revenue, Sales, Ex-factory Price Figure 2016 Alstom SA Train Control & Management System (TCMS) Business Region Distribution Table Bombardier Inc. Information List Table Train Control & Management System (TCMS) Overview Table 2015-2017 Bombardier Inc. Train Control & Management System (TCMS) Revenue, Sales, Ex-factory Price Figure 2016 Bombardier Inc. Train Control & Management System (TCMS) Business **Region Distribution Table Siemens AG Information List** Table Train Control & Management System (TCMS) Overview Table 2015-2017 Siemens AG Train Control & Management System (TCMS) Revenue, Sales, Ex-factory Price Figure 2016 Siemens AG Train Control & Management System (TCMS) Business **Region Distribution** Table Hitachi Ltd. Information List Table Train Control & Management System (TCMS) Overview Table 2015-2017 Hitachi Ltd. Train Control & Management System (TCMS) Revenue, Sales, Ex-factory Price Figure 2016 Hitachi Ltd. Train Control & Management System (TCMS) Business Region Distribution Table Mitsubishi Electric Corporation Information List Table Train Control & Management System (TCMS) Overview



Table 2015-2017 Mitsubishi Electric Corporation Train Control & Management System (TCMS) Revenue, Sales, Ex-factory Price Figure 2016 Mitsubishi Electric Corporation Train Control & Management System (TCMS) Business Region Distribution Table Strukton Rail Information List Table Train Control & Management System (TCMS) Overview Table 2015-2017 Strukton Rail Train Control & Management System (TCMS) Revenue, Sales, Ex-factory Price Figure 2016 Strukton Rail Train Control & Management System (TCMS) Business **Region Distribution Table Wabtec Corporation Information List** Table Train Control & Management System (TCMS) Overview Table 2015-2017 Wabtec Corporation Train Control & Management System (TCMS) Revenue, Sales, Ex-factory Price Figure 2016 Wabtec Corporation Train Control & Management System (TCMS) **Business Region Distribution Table Selectron Systems Information List** Table Train Control & Management System (TCMS) Overview Table 2015-2017 Selectron Systems Train Control & Management System (TCMS) Revenue, Sales, Ex-factory Price Figure 2016 Selectron Systems Train Control & Management System (TCMS) Business **Region Distribution Table Toshiba Information List** Table Train Control & Management System (TCMS) Overview Table 2015-2017 Toshiba Train Control & Management System (TCMS) Revenue, Sales, Ex-factory Price Figure 2016 Toshiba Train Control & Management System (TCMS) Business Region Distribution **Table Thales Group Information List** Table Train Control & Management System (TCMS) Overview Table 2015-2017 Thales Group Train Control & Management System (TCMS) Revenue, Sales, Ex-factory Price Figure 2016 Thales Group Train Control & Management System (TCMS) Business **Region Distribution** Table CAF Information List Table Train Control & Management System (TCMS) Overview Table 2015-2017 CAF Train Control & Management System (TCMS) Revenue, Sales, **Ex-factory Price** Figure 2016 CAF Train Control & Management System (TCMS) Business Region



Distribution Table EKE-Electronics Information List Table Train Control & Management System (TCMS) Overview Table 2015-2017 EKE-Electronics Train Control & Management System (TCMS) Revenue, Sales, Ex-factory Price Figure 2016 EKE-Electronics Train Control & Management System (TCMS) Business **Region Distribution** Figure Global 2017-2022 Train Control and Management System Sales (Units) and Growth Rate Forecast Figure Global 2017-2022 Train Control and Management System Market Size (Million USD) and Growth Rate Forecast Figure Global 2017-2022 Train Control and Management System Sales Price (K USD/Unit) Forecast Figure North America 2017-2022 Train Control and Management System Consumption Volume and Growth Rate Forecast Figure Europe 2017-2022 Train Control and Management System Consumption Volume and Growth Rate Forecast Figure Japan 2017-2022 Train Control and Management System Consumption Volume and Growth Rate Forecast Figure China 2017-2022 Train Control and Management System Consumption Volume and Growth Rate Forecast Table Global Revenue (M USD) of Train Control and Management System by Types 2017-2022 Figure Global Revenue Share of Train Control and Management System by Types in 2022 Table Global Consumption Volume (Units) of Train Control and Management System by Applications 2017-2022 Figure Global Consumption Volume Share of Train Control and Management System by Applications in 2022 Table New Project SWOT Analysis of Train Control & Management System (TCMS) Table Research Programs/Design for This Report Figure Bottom-up and Top-down Approaches for This Report Figure Data Triangulation Table Key Data Information from Secondary Sources Table Key Data Information from Primary Sources



#### I would like to order

Product name: Global Train Control & Management System (TCMS) Market Professional Survey Report 2017

Product link: https://marketpublishers.com/r/G437A5E84FDEN.html

Price: US\$ 3,500.00 (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/G437A5E84FDEN.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 Train Control & Management System (TCMS) Market Professional Survey Report 2017