

### Global Smart Cards Automated Fare Collection Systems Sales Market Report 2017

https://marketpublishers.com/r/G5568B66B12EN.html

Date: August 2017

Pages: 119

Price: US\$ 4,000.00 (Single User License)

ID: G5568B66B12EN

### **Abstracts**

In this report, the global Smart Cards Automated Fare Collection Systems market is valued at USD XX million in 2016 and is expected to reach USD XX million by the end of 2022, growing at a CAGR of XX% between 2016 and 2022.

Geographically, this report split global into several key Regions, with sales (K Units), revenue (Million USD), market share and growth rate of Smart Cards Automated Fare Collection Systems for these regions, from 2012 to 2022 (forecast), covering

United States
China
Europe
Japan
Southeast Asia
India

Global Smart Cards Automated Fare Collection Systems market competition by top manufacturers/players, with Smart Cards Automated Fare Collection Systems sales volume, Price (USD/Unit), revenue (Million USD) and market share for each manufacturer/player; the top players including



Advanced Card Systems Holdings Limited
Omron Corporatio
Thales Group
Atos SE
LG CNS
NXP Semiconductor
Samsung SDS
Cubic Transportation Systems
GMV
INIT
Scheidt & Bachmann
Siemens
Sony Corporation
ST Electronics
GFI Genfare
LECIP
Xerox
Trapeze Group
Vix Technology



On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

Farebox

Ticket Vending Machines (TVM)

Validator

On the basis on the end users/applications, this report focuses on the status and outlook for major applications/end users, sales volume, market share and growth rate of Smart Cards Automated Fare Collection Systems for each application, including

On-board AFC Equipment

Off-board AFC Equipment

If you have any special requirements, please let us know and we will offer you the report as you want.



### **Contents**

Global Smart Cards Automated Fare Collection Systems Sales Market Report 2017

### 1 SMART CARDS AUTOMATED FARE COLLECTION SYSTEMS MARKET OVERVIEW

- 1.1 Product Overview and Scope of Smart Cards Automated Fare Collection Systems
- 1.2 Classification of Smart Cards Automated Fare Collection Systems by Product Category
- 1.2.1 Global Smart Cards Automated Fare Collection Systems Market Size (Sales) Comparison by Type (2012-2022)
- 1.2.2 Global Smart Cards Automated Fare Collection Systems Market Size (Sales) Market Share by Type (Product Category) in 2016
  - 1.2.3 Farebox
  - 1.2.4 Ticket Vending Machines (TVM)
  - 1.2.5 Validator
- 1.3 Global Smart Cards Automated Fare Collection Systems Market by Application/End Users
- 1.3.1 Global Smart Cards Automated Fare Collection Systems Sales (Volume) and Market Share Comparison by Application (2012-2022)
  - 1.3.2 On-board AFC Equipment
  - 1.3.3 Off-board AFC Equipment
- 1.4 Global Smart Cards Automated Fare Collection Systems Market by Region
- 1.4.1 Global Smart Cards Automated Fare Collection Systems Market Size (Value) Comparison by Region (2012-2022)
- 1.4.2 United States Smart Cards Automated Fare Collection Systems Status and Prospect (2012-2022)
- 1.4.3 China Smart Cards Automated Fare Collection Systems Status and Prospect (2012-2022)
- 1.4.4 Europe Smart Cards Automated Fare Collection Systems Status and Prospect (2012-2022)
- 1.4.5 Japan Smart Cards Automated Fare Collection Systems Status and Prospect (2012-2022)
- 1.4.6 Southeast Asia Smart Cards Automated Fare Collection Systems Status and Prospect (2012-2022)
- 1.4.7 India Smart Cards Automated Fare Collection Systems Status and Prospect (2012-2022)
- 1.5 Global Market Size (Value and Volume) of Smart Cards Automated Fare Collection



Systems (2012-2022)

- 1.5.1 Global Smart Cards Automated Fare Collection Systems Sales and Growth Rate (2012-2022)
- 1.5.2 Global Smart Cards Automated Fare Collection Systems Revenue and Growth Rate (2012-2022)

## 2 GLOBAL SMART CARDS AUTOMATED FARE COLLECTION SYSTEMS COMPETITION BY PLAYERS/SUPPLIERS, TYPE AND APPLICATION

- 2.1 Global Smart Cards Automated Fare Collection Systems Market Competition by Players/Suppliers
- 2.1.1 Global Smart Cards Automated Fare Collection Systems Sales and Market Share of Key Players/Suppliers (2012-2017)
- 2.1.2 Global Smart Cards Automated Fare Collection Systems Revenue and Share by Players/Suppliers (2012-2017)
- 2.2 Global Smart Cards Automated Fare Collection Systems (Volume and Value) by Type
- 2.2.1 Global Smart Cards Automated Fare Collection Systems Sales and Market Share by Type (2012-2017)
- 2.2.2 Global Smart Cards Automated Fare Collection Systems Revenue and Market Share by Type (2012-2017)
- 2.3 Global Smart Cards Automated Fare Collection Systems (Volume and Value) by Region
- 2.3.1 Global Smart Cards Automated Fare Collection Systems Sales and Market Share by Region (2012-2017)
- 2.3.2 Global Smart Cards Automated Fare Collection Systems Revenue and Market Share by Region (2012-2017)
- 2.4 Global Smart Cards Automated Fare Collection Systems (Volume) by Application

# 3 UNITED STATES SMART CARDS AUTOMATED FARE COLLECTION SYSTEMS (VOLUME, VALUE AND SALES PRICE)

- 3.1 United States Smart Cards Automated Fare Collection Systems Sales and Value (2012-2017)
- 3.1.1 United States Smart Cards Automated Fare Collection Systems Sales and Growth Rate (2012-2017)
- 3.1.2 United States Smart Cards Automated Fare Collection Systems Revenue and Growth Rate (2012-2017)
  - 3.1.3 United States Smart Cards Automated Fare Collection Systems Sales Price



Trend (2012-2017)

- 3.2 United States Smart Cards Automated Fare Collection Systems Sales Volume and Market Share by Players
- 3.3 United States Smart Cards Automated Fare Collection Systems Sales Volume and Market Share by Type
- 3.4 United States Smart Cards Automated Fare Collection Systems Sales Volume and Market Share by Application

# 4 CHINA SMART CARDS AUTOMATED FARE COLLECTION SYSTEMS (VOLUME, VALUE AND SALES PRICE)

- 4.1 China Smart Cards Automated Fare Collection Systems Sales and Value (2012-2017)
- 4.1.1 China Smart Cards Automated Fare Collection Systems Sales and Growth Rate (2012-2017)
- 4.1.2 China Smart Cards Automated Fare Collection Systems Revenue and Growth Rate (2012-2017)
- 4.1.3 China Smart Cards Automated Fare Collection Systems Sales Price Trend (2012-2017)
- 4.2 China Smart Cards Automated Fare Collection Systems Sales Volume and Market Share by Players
- 4.3 China Smart Cards Automated Fare Collection Systems Sales Volume and Market Share by Type
- 4.4 China Smart Cards Automated Fare Collection Systems Sales Volume and Market Share by Application

# 5 EUROPE SMART CARDS AUTOMATED FARE COLLECTION SYSTEMS (VOLUME, VALUE AND SALES PRICE)

- 5.1 Europe Smart Cards Automated Fare Collection Systems Sales and Value (2012-2017)
- 5.1.1 Europe Smart Cards Automated Fare Collection Systems Sales and Growth Rate (2012-2017)
- 5.1.2 Europe Smart Cards Automated Fare Collection Systems Revenue and Growth Rate (2012-2017)
- 5.1.3 Europe Smart Cards Automated Fare Collection Systems Sales Price Trend (2012-2017)
- 5.2 Europe Smart Cards Automated Fare Collection Systems Sales Volume and Market Share by Players



- 5.3 Europe Smart Cards Automated Fare Collection Systems Sales Volume and Market Share by Type
- 5.4 Europe Smart Cards Automated Fare Collection Systems Sales Volume and Market Share by Application

# 6 JAPAN SMART CARDS AUTOMATED FARE COLLECTION SYSTEMS (VOLUME, VALUE AND SALES PRICE)

- 6.1 Japan Smart Cards Automated Fare Collection Systems Sales and Value (2012-2017)
- 6.1.1 Japan Smart Cards Automated Fare Collection Systems Sales and Growth Rate (2012-2017)
- 6.1.2 Japan Smart Cards Automated Fare Collection Systems Revenue and Growth Rate (2012-2017)
- 6.1.3 Japan Smart Cards Automated Fare Collection Systems Sales Price Trend (2012-2017)
- 6.2 Japan Smart Cards Automated Fare Collection Systems Sales Volume and Market Share by Players
- 6.3 Japan Smart Cards Automated Fare Collection Systems Sales Volume and Market Share by Type
- 6.4 Japan Smart Cards Automated Fare Collection Systems Sales Volume and Market Share by Application

# 7 SOUTHEAST ASIA SMART CARDS AUTOMATED FARE COLLECTION SYSTEMS (VOLUME, VALUE AND SALES PRICE)

- 7.1 Southeast Asia Smart Cards Automated Fare Collection Systems Sales and Value (2012-2017)
- 7.1.1 Southeast Asia Smart Cards Automated Fare Collection Systems Sales and Growth Rate (2012-2017)
- 7.1.2 Southeast Asia Smart Cards Automated Fare Collection Systems Revenue and Growth Rate (2012-2017)
- 7.1.3 Southeast Asia Smart Cards Automated Fare Collection Systems Sales Price Trend (2012-2017)
- 7.2 Southeast Asia Smart Cards Automated Fare Collection Systems Sales Volume and Market Share by Players
- 7.3 Southeast Asia Smart Cards Automated Fare Collection Systems Sales Volume and Market Share by Type
- 7.4 Southeast Asia Smart Cards Automated Fare Collection Systems Sales Volume and



Market Share by Application

# 8 INDIA SMART CARDS AUTOMATED FARE COLLECTION SYSTEMS (VOLUME, VALUE AND SALES PRICE)

- 8.1 India Smart Cards Automated Fare Collection Systems Sales and Value (2012-2017)
- 8.1.1 India Smart Cards Automated Fare Collection Systems Sales and Growth Rate (2012-2017)
- 8.1.2 India Smart Cards Automated Fare Collection Systems Revenue and Growth Rate (2012-2017)
- 8.1.3 India Smart Cards Automated Fare Collection Systems Sales Price Trend (2012-2017)
- 8.2 India Smart Cards Automated Fare Collection Systems Sales Volume and Market Share by Players
- 8.3 India Smart Cards Automated Fare Collection Systems Sales Volume and Market Share by Type
- 8.4 India Smart Cards Automated Fare Collection Systems Sales Volume and Market Share by Application

### 9 GLOBAL SMART CARDS AUTOMATED FARE COLLECTION SYSTEMS PLAYERS/SUPPLIERS PROFILES AND SALES DATA

- 9.1 Advanced Card Systems Holdings Limited
  - 9.1.1 Company Basic Information, Manufacturing Base and Competitors
- 9.1.2 Smart Cards Automated Fare Collection Systems Product Category, Application and Specification
  - 9.1.2.1 Product A
  - 9.1.2.2 Product B
- 9.1.3 Advanced Card Systems Holdings Limited Smart Cards Automated Fare Collection Systems Sales, Revenue, Price and Gross Margin (2012-2017)
  - 9.1.4 Main Business/Business Overview
- 9.2 Omron Corporatio
  - 9.2.1 Company Basic Information, Manufacturing Base and Competitors
- 9.2.2 Smart Cards Automated Fare Collection Systems Product Category, Application and Specification
  - 9.2.2.1 Product A
  - 9.2.2.2 Product B
  - 9.2.3 Omron Corporatio Smart Cards Automated Fare Collection Systems Sales,



Revenue, Price and Gross Margin (2012-2017)

- 9.2.4 Main Business/Business Overview
- 9.3 Thales Group
  - 9.3.1 Company Basic Information, Manufacturing Base and Competitors
- 9.3.2 Smart Cards Automated Fare Collection Systems Product Category, Application and Specification
  - 9.3.2.1 Product A
  - 9.3.2.2 Product B
- 9.3.3 Thales Group Smart Cards Automated Fare Collection Systems Sales, Revenue, Price and Gross Margin (2012-2017)
  - 9.3.4 Main Business/Business Overview
- 9.4 Atos SE
  - 9.4.1 Company Basic Information, Manufacturing Base and Competitors
- 9.4.2 Smart Cards Automated Fare Collection Systems Product Category, Application and Specification
  - 9.4.2.1 Product A
  - 9.4.2.2 Product B
- 9.4.3 Atos SE Smart Cards Automated Fare Collection Systems Sales, Revenue, Price and Gross Margin (2012-2017)
  - 9.4.4 Main Business/Business Overview
- **9.5 LG CNS** 
  - 9.5.1 Company Basic Information, Manufacturing Base and Competitors
- 9.5.2 Smart Cards Automated Fare Collection Systems Product Category, Application and Specification
  - 9.5.2.1 Product A
  - 9.5.2.2 Product B
- 9.5.3 LG CNS Smart Cards Automated Fare Collection Systems Sales, Revenue, Price and Gross Margin (2012-2017)
  - 9.5.4 Main Business/Business Overview
- 9.6 NXP Semiconductor
- 9.6.1 Company Basic Information, Manufacturing Base and Competitors
- 9.6.2 Smart Cards Automated Fare Collection Systems Product Category, Application and Specification
  - 9.6.2.1 Product A
  - 9.6.2.2 Product B
  - 9.6.3 NXP Semiconductor Smart Cards Automated Fare Collection Systems Sales,
- Revenue, Price and Gross Margin (2012-2017)
  - 9.6.4 Main Business/Business Overview
- 9.7 Samsung SDS



- 9.7.1 Company Basic Information, Manufacturing Base and Competitors
- 9.7.2 Smart Cards Automated Fare Collection Systems Product Category, Application and Specification
  - 9.7.2.1 Product A
  - 9.7.2.2 Product B
  - 9.7.3 Samsung SDS Smart Cards Automated Fare Collection Systems Sales,

Revenue, Price and Gross Margin (2012-2017)

- 9.7.4 Main Business/Business Overview
- 9.8 Cubic Transportation Systems
  - 9.8.1 Company Basic Information, Manufacturing Base and Competitors
- 9.8.2 Smart Cards Automated Fare Collection Systems Product Category, Application and Specification
  - 9.8.2.1 Product A
  - 9.8.2.2 Product B
- 9.8.3 Cubic Transportation Systems Smart Cards Automated Fare Collection Systems Sales, Revenue, Price and Gross Margin (2012-2017)
  - 9.8.4 Main Business/Business Overview
- 9.9 GMV
  - 9.9.1 Company Basic Information, Manufacturing Base and Competitors
- 9.9.2 Smart Cards Automated Fare Collection Systems Product Category, Application and Specification
  - 9.9.2.1 Product A
  - 9.9.2.2 Product B
- 9.9.3 GMV Smart Cards Automated Fare Collection Systems Sales, Revenue, Price and Gross Margin (2012-2017)
  - 9.9.4 Main Business/Business Overview
- 9.10 INIT
  - 9.10.1 Company Basic Information, Manufacturing Base and Competitors
- 9.10.2 Smart Cards Automated Fare Collection Systems Product Category, Application and Specification
  - 9.10.2.1 Product A
  - 9.10.2.2 Product B
- 9.10.3 INIT Smart Cards Automated Fare Collection Systems Sales, Revenue, Price and Gross Margin (2012-2017)
  - 9.10.4 Main Business/Business Overview
- 9.11 Scheidt & Bachmann
- 9.12 Siemens
- 9.13 Sony Corporation
- 9.14 ST Electronics



- 9.15 GFI Genfare
- **9.16 LECIP**
- 9.17 Xerox
- 9.18 Trapeze Group
- 9.19 Vix Technology

### 10 SMART CARDS AUTOMATED FARE COLLECTION SYSTEMS MAUFACTURING COST ANALYSIS

- 10.1 Smart Cards Automated Fare Collection Systems Key Raw Materials Analysis
  - 10.1.1 Key Raw Materials
  - 10.1.2 Price Trend of Key Raw Materials
  - 10.1.3 Key Suppliers of Raw Materials
- 10.1.4 Market Concentration Rate of Raw Materials
- 10.2 Proportion of Manufacturing Cost Structure
  - 10.2.1 Raw Materials
  - 10.2.2 Labor Cost
- 10.2.3 Manufacturing Process Analysis of Smart Cards Automated Fare Collection Systems
- 10.3 Manufacturing Process Analysis of Smart Cards Automated Fare Collection Systems

### 11 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 11.1 Smart Cards Automated Fare Collection Systems Industrial Chain Analysis
- 11.2 Upstream Raw Materials Sourcing
- 11.3 Raw Materials Sources of Smart Cards Automated Fare Collection Systems Major Manufacturers in 2016
- 11.4 Downstream Buyers

#### 12 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 12.1 Marketing Channel
  - 12.1.1 Direct Marketing
  - 12.1.2 Indirect Marketing
  - 12.1.3 Marketing Channel Development Trend
- 12.2 Market Positioning
  - 12.2.1 Pricing Strategy
  - 12.2.2 Brand Strategy



### 12.2.3 Target Client

#### 12.3 Distributors/Traders List

#### 13 MARKET EFFECT FACTORS ANALYSIS

- 13.1 Technology Progress/Risk
  - 13.1.1 Substitutes Threat
- 13.1.2 Technology Progress in Related Industry
- 13.2 Consumer Needs/Customer Preference Change
- 13.3 Economic/Political Environmental Change

# 14 GLOBAL SMART CARDS AUTOMATED FARE COLLECTION SYSTEMS MARKET FORECAST (2017-2022)

- 14.1 Global Smart Cards Automated Fare Collection Systems Sales Volume, Revenue and Price Forecast (2017-2022)
- 14.1.1 Global Smart Cards Automated Fare Collection Systems Sales Volume and Growth Rate Forecast (2017-2022)
- 14.1.2 Global Smart Cards Automated Fare Collection Systems Revenue and Growth Rate Forecast (2017-2022)
- 14.1.3 Global Smart Cards Automated Fare Collection Systems Price and Trend Forecast (2017-2022)
- 14.2 Global Smart Cards Automated Fare Collection Systems Sales Volume, Revenue and Growth Rate Forecast by Region (2017-2022)
- 14.2.1 Global Smart Cards Automated Fare Collection Systems Sales Volume and Growth Rate Forecast by Regions (2017-2022)
- 14.2.2 Global Smart Cards Automated Fare Collection Systems Revenue and Growth Rate Forecast by Regions (2017-2022)
- 14.2.3 United States Smart Cards Automated Fare Collection Systems Sales Volume, Revenue and Growth Rate Forecast (2017-2022)
- 14.2.4 China Smart Cards Automated Fare Collection Systems Sales Volume, Revenue and Growth Rate Forecast (2017-2022)
- 14.2.5 Europe Smart Cards Automated Fare Collection Systems Sales Volume, Revenue and Growth Rate Forecast (2017-2022)
- 14.2.6 Japan Smart Cards Automated Fare Collection Systems Sales Volume, Revenue and Growth Rate Forecast (2017-2022)
- 14.2.7 Southeast Asia Smart Cards Automated Fare Collection Systems Sales Volume, Revenue and Growth Rate Forecast (2017-2022)
  - 14.2.8 India Smart Cards Automated Fare Collection Systems Sales Volume, Revenue



and Growth Rate Forecast (2017-2022)

- 14.3 Global Smart Cards Automated Fare Collection Systems Sales Volume, Revenue and Price Forecast by Type (2017-2022)
- 14.3.1 Global Smart Cards Automated Fare Collection Systems Sales Forecast by Type (2017-2022)
- 14.3.2 Global Smart Cards Automated Fare Collection Systems Revenue Forecast by Type (2017-2022)
- 14.3.3 Global Smart Cards Automated Fare Collection Systems Price Forecast by Type (2017-2022)
- 14.4 Global Smart Cards Automated Fare Collection Systems Sales Volume Forecast by Application (2017-2022)

### 15 RESEARCH FINDINGS AND CONCLUSION

#### **16 APPENDIX**

- 16.1 Methodology/Research Approach
  - 16.1.1 Research Programs/Design
  - 16.1.2 Market Size Estimation
  - 16.1.3 Market Breakdown and Data Triangulation
- 16.2 Data Source
  - 16.2.1 Secondary Sources
- 16.2.2 Primary Sources
- 16.3 Disclaimer

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 Product Picture of Smart Cards Automated Fare Collection Systems

Figure Global Smart Cards Automated Fare Collection Systems Sales Volume

Comparison (K Units) by Type (2012-2022)

Figure Global Smart Cards Automated Fare Collection Systems Sales Volume Market

Share by Type (Product Category) in 2016

Figure Farebox Product Picture

Figure Ticket Vending Machines (TVM) Product Picture

Figure Validator Product Picture

Figure Global Smart Cards Automated Fare Collection Systems Sales Comparison (K

Units) by Application (2012-2022)

Figure Global Sales Market Share of Smart Cards Automated Fare Collection Systems

by Application in 2016

Figure On-board AFC Equipment Examples

Table Key Downstream Customer in On-board AFC Equipment

Figure Off-board AFC Equipment Examples

Table Key Downstream Customer in Off-board AFC Equipment

Figure Global Smart Cards Automated Fare Collection Systems Market Size (Million

USD) by Regions (2012-2022)

Figure United States Smart Cards Automated Fare Collection Systems Revenue (Million

USD) and Growth Rate (2012-2022)

Figure China Smart Cards Automated Fare Collection Systems Revenue (Million USD)

and Growth Rate (2012-2022)

Figure Europe Smart Cards Automated Fare Collection Systems Revenue (Million USD)

and Growth Rate (2012-2022)

Figure Japan Smart Cards Automated Fare Collection Systems Revenue (Million USD)

and Growth Rate (2012-2022)

Figure Southeast Asia Smart Cards Automated Fare Collection Systems Revenue

(Million USD) and Growth Rate (2012-2022)

Figure India Smart Cards Automated Fare Collection Systems Revenue (Million USD)

and Growth Rate (2012-2022)

Figure Global Smart Cards Automated Fare Collection Systems Sales Volume (K Units)

and Growth Rate (2012-2022)

Figure Global Smart Cards Automated Fare Collection Systems Revenue (Million USD)

and Growth Rate (2012-2022)

Figure Global Market Major Players Smart Cards Automated Fare Collection Systems



Sales Volume (K Units) (2012-2017)

Table Global Smart Cards Automated Fare Collection Systems Sales (K Units) of Key Players/Suppliers (2012-2017)

Table Global Smart Cards Automated Fare Collection Systems Sales Share by Players/Suppliers (2012-2017)

Figure 2016 Smart Cards Automated Fare Collection Systems Sales Share by Players/Suppliers

Figure 2017 Smart Cards Automated Fare Collection Systems Sales Share by Players/Suppliers

Figure Global Smart Cards Automated Fare Collection Systems Revenue (Million USD) by Players/Suppliers (2012-2017)

Table Global Smart Cards Automated Fare Collection Systems Revenue (Million USD) by Players/Suppliers (2012-2017)

Table Global Smart Cards Automated Fare Collection Systems Revenue Share by Players/Suppliers (2012-2017)

Table 2016 Global Smart Cards Automated Fare Collection Systems Revenue Share by Players

Table 2017 Global Smart Cards Automated Fare Collection Systems Revenue Share by Players

Table Global Smart Cards Automated Fare Collection Systems Sales (K Units) and Market Share by Type (2012-2017)

Table Global Smart Cards Automated Fare Collection Systems Sales Share (K Units) by Type (2012-2017)

Figure Sales Market Share of Smart Cards Automated Fare Collection Systems by Type (2012-2017)

Figure Global Smart Cards Automated Fare Collection Systems Sales Growth Rate by Type (2012-2017)

Table Global Smart Cards Automated Fare Collection Systems Revenue (Million USD) and Market Share by Type (2012-2017)

Table Global Smart Cards Automated Fare Collection Systems Revenue Share by Type (2012-2017)

Figure Revenue Market Share of Smart Cards Automated Fare Collection Systems by Type (2012-2017)

Figure Global Smart Cards Automated Fare Collection Systems Revenue Growth Rate by Type (2012-2017)

Table Global Smart Cards Automated Fare Collection Systems Sales Volume (K Units) and Market Share by Region (2012-2017)

Table Global Smart Cards Automated Fare Collection Systems Sales Share by Region (2012-2017)



Figure Sales Market Share of Smart Cards Automated Fare Collection Systems by Region (2012-2017)

Figure Global Smart Cards Automated Fare Collection Systems Sales Growth Rate by Region in 2016

Table Global Smart Cards Automated Fare Collection Systems Revenue (Million USD) and Market Share by Region (2012-2017)

Table Global Smart Cards Automated Fare Collection Systems Revenue Share (%) by Region (2012-2017)

Figure Revenue Market Share of Smart Cards Automated Fare Collection Systems by Region (2012-2017)

Figure Global Smart Cards Automated Fare Collection Systems Revenue Growth Rate by Region in 2016

Table Global Smart Cards Automated Fare Collection Systems Revenue (Million USD) and Market Share by Region (2012-2017)

Table Global Smart Cards Automated Fare Collection Systems Revenue Share (%) by Region (2012-2017)

Figure Revenue Market Share of Smart Cards Automated Fare Collection Systems by Region (2012-2017)

Figure Global Smart Cards Automated Fare Collection Systems Revenue Market Share by Region in 2016

Table Global Smart Cards Automated Fare Collection Systems Sales Volume (K Units) and Market Share by Application (2012-2017)

Table Global Smart Cards Automated Fare Collection Systems Sales Share (%) by Application (2012-2017)

Figure Sales Market Share of Smart Cards Automated Fare Collection Systems by Application (2012-2017)

Figure Global Smart Cards Automated Fare Collection Systems Sales Market Share by Application (2012-2017)

Figure United States Smart Cards Automated Fare Collection Systems Sales (K Units) and Growth Rate (2012-2017)

Figure United States Smart Cards Automated Fare Collection Systems Revenue (Million USD) and Growth Rate (2012-2017)

Figure United States Smart Cards Automated Fare Collection Systems Sales Price (USD/Unit) Trend (2012-2017)

Table United States Smart Cards Automated Fare Collection Systems Sales Volume (K Units) by Players (2012-2017)

Table United States Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Players (2012-2017)

Figure United States Smart Cards Automated Fare Collection Systems Sales Volume



Market Share by Players in 2016

Table United States Smart Cards Automated Fare Collection Systems Sales Volume (K Units) by Type (2012-2017)

Table United States Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Type (2012-2017)

Figure United States Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Type in 2016

Table United States Smart Cards Automated Fare Collection Systems Sales Volume (K Units) by Application (2012-2017)

Table United States Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Application (2012-2017)

Figure United States Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Application in 2016

Figure China Smart Cards Automated Fare Collection Systems Sales (K Units) and Growth Rate (2012-2017)

Figure China Smart Cards Automated Fare Collection Systems Revenue (Million USD) and Growth Rate (2012-2017)

Figure China Smart Cards Automated Fare Collection Systems Sales Price (USD/Unit) Trend (2012-2017)

Table China Smart Cards Automated Fare Collection Systems Sales Volume (K Units) by Players (2012-2017)

Table China Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Players (2012-2017)

Figure China Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Players in 2016

Table China Smart Cards Automated Fare Collection Systems Sales Volume (K Units) by Type (2012-2017)

Table China Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Type (2012-2017)

Figure China Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Type in 2016

Table China Smart Cards Automated Fare Collection Systems Sales Volume (K Units) by Application (2012-2017)

Table China Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Application (2012-2017)

Figure China Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Application in 2016

Figure Europe Smart Cards Automated Fare Collection Systems Sales (K Units) and Growth Rate (2012-2017)



Figure Europe Smart Cards Automated Fare Collection Systems Revenue (Million USD) and Growth Rate (2012-2017)

Figure Europe Smart Cards Automated Fare Collection Systems Sales Price (USD/Unit) Trend (2012-2017)

Table Europe Smart Cards Automated Fare Collection Systems Sales Volume (K Units) by Players (2012-2017)

Table Europe Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Players (2012-2017)

Figure Europe Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Players in 2016

Table Europe Smart Cards Automated Fare Collection Systems Sales Volume (K Units) by Type (2012-2017)

Table Europe Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Type (2012-2017)

Figure Europe Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Type in 2016

Table Europe Smart Cards Automated Fare Collection Systems Sales Volume (K Units) by Application (2012-2017)

Table Europe Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Application (2012-2017)

Figure Europe Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Application in 2016

Figure Japan Smart Cards Automated Fare Collection Systems Sales (K Units) and Growth Rate (2012-2017)

Figure Japan Smart Cards Automated Fare Collection Systems Revenue (Million USD) and Growth Rate (2012-2017)

Figure Japan Smart Cards Automated Fare Collection Systems Sales Price (USD/Unit) Trend (2012-2017)

Table Japan Smart Cards Automated Fare Collection Systems Sales Volume (K Units) by Players (2012-2017)

Table Japan Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Players (2012-2017)

Figure Japan Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Players in 2016

Table Japan Smart Cards Automated Fare Collection Systems Sales Volume (K Units) by Type (2012-2017)

Table Japan Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Type (2012-2017)

Figure Japan Smart Cards Automated Fare Collection Systems Sales Volume Market



Share by Type in 2016

Table Japan Smart Cards Automated Fare Collection Systems Sales Volume (K Units) by Application (2012-2017)

Table Japan Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Application (2012-2017)

Figure Japan Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Application in 2016

Figure Southeast Asia Smart Cards Automated Fare Collection Systems Sales (K Units) and Growth Rate (2012-2017)

Figure Southeast Asia Smart Cards Automated Fare Collection Systems Revenue (Million USD) and Growth Rate (2012-2017)

Figure Southeast Asia Smart Cards Automated Fare Collection Systems Sales Price (USD/Unit) Trend (2012-2017)

Table Southeast Asia Smart Cards Automated Fare Collection Systems Sales Volume (K Units) by Players (2012-2017)

Table Southeast Asia Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Players (2012-2017)

Figure Southeast Asia Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Players in 2016

Table Southeast Asia Smart Cards Automated Fare Collection Systems Sales Volume (K Units) by Type (2012-2017)

Table Southeast Asia Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Type (2012-2017)

Figure Southeast Asia Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Type in 2016

Table Southeast Asia Smart Cards Automated Fare Collection Systems Sales Volume (K Units) by Application (2012-2017)

Table Southeast Asia Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Application (2012-2017)

Figure Southeast Asia Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Application in 2016

Figure India Smart Cards Automated Fare Collection Systems Sales (K Units) and Growth Rate (2012-2017)

Figure India Smart Cards Automated Fare Collection Systems Revenue (Million USD) and Growth Rate (2012-2017)

Figure India Smart Cards Automated Fare Collection Systems Sales Price (USD/Unit) Trend (2012-2017)

Table India Smart Cards Automated Fare Collection Systems Sales Volume (K Units) by Players (2012-2017)



Table India Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Players (2012-2017)

Figure India Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Players in 2016

Table India Smart Cards Automated Fare Collection Systems Sales Volume (K Units) by Type (2012-2017)

Table India Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Type (2012-2017)

Figure India Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Type in 2016

Table India Smart Cards Automated Fare Collection Systems Sales Volume (K Units) by Application (2012-2017)

Table India Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Application (2012-2017)

Figure India Smart Cards Automated Fare Collection Systems Sales Volume Market Share by Application in 2016

Table Advanced Card Systems Holdings Limited Basic Information List Table Advanced Card Systems Holdings Limited Smart Cards Automated Fare Collection Systems Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Advanced Card Systems Holdings Limited Smart Cards Automated Fare Collection Systems Sales Growth Rate (2012-2017)

Figure Advanced Card Systems Holdings Limited Smart Cards Automated Fare Collection Systems Sales Global Market Share (2012-2017

Figure Advanced Card Systems Holdings Limited Smart Cards Automated Fare Collection Systems Revenue Global Market Share (2012-2017)

Table Omron Corporatio Basic Information List

Table Omron Corporatio Smart Cards Automated Fare Collection Systems Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017) Figure Omron Corporatio Smart Cards Automated Fare Collection Systems Sales Growth Rate (2012-2017)

Figure Omron Corporatio Smart Cards Automated Fare Collection Systems Sales Global Market Share (2012-2017

Figure Omron Corporatio Smart Cards Automated Fare Collection Systems Revenue Global Market Share (2012-2017)

Table Thales Group Basic Information List

Table Thales Group Smart Cards Automated Fare Collection Systems Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Thales Group Smart Cards Automated Fare Collection Systems Sales Growth



Rate (2012-2017)

Figure Thales Group Smart Cards Automated Fare Collection Systems Sales Global Market Share (2012-2017

Figure Thales Group Smart Cards Automated Fare Collection Systems Revenue Global Market Share (2012-2017)

Table Atos SE Basic Information List

Table Atos SE Smart Cards Automated Fare Collection Systems Sales (K Units),

Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Atos SE Smart Cards Automated Fare Collection Systems Sales Growth Rate (2012-2017)

Figure Atos SE Smart Cards Automated Fare Collection Systems Sales Global Market Share (2012-2017

Figure Atos SE Smart Cards Automated Fare Collection Systems Revenue Global Market Share (2012-2017)

Table LG CNS Basic Information List

Table LG CNS Smart Cards Automated Fare Collection Systems Sales (K Units),

Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure LG CNS Smart Cards Automated Fare Collection Systems Sales Growth Rate (2012-2017)

Figure LG CNS Smart Cards Automated Fare Collection Systems Sales Global Market Share (2012-2017

Figure LG CNS Smart Cards Automated Fare Collection Systems Revenue Global Market Share (2012-2017)

Table NXP Semiconductor Basic Information List

Table NXP Semiconductor Smart Cards Automated Fare Collection Systems Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure NXP Semiconductor Smart Cards Automated Fare Collection Systems Sales Growth Rate (2012-2017)

Figure NXP Semiconductor Smart Cards Automated Fare Collection Systems Sales Global Market Share (2012-2017

Figure NXP Semiconductor Smart Cards Automated Fare Collection Systems Revenue Global Market Share (2012-2017)

Table Samsung SDS Basic Information List

Table Samsung SDS Smart Cards Automated Fare Collection Systems Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Samsung SDS Smart Cards Automated Fare Collection Systems Sales Growth Rate (2012-2017)

Figure Samsung SDS Smart Cards Automated Fare Collection Systems Sales Global Market Share (2012-2017



Figure Samsung SDS Smart Cards Automated Fare Collection Systems Revenue Global Market Share (2012-2017)

Table Cubic Transportation Systems Basic Information List

Table Cubic Transportation Systems Smart Cards Automated Fare Collection Systems Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Cubic Transportation Systems Smart Cards Automated Fare Collection Systems Sales Growth Rate (2012-2017)

Figure Cubic Transportation Systems Smart Cards Automated Fare Collection Systems Sales Global Market Share (2012-2017

Figure Cubic Transportation Systems Smart Cards Automated Fare Collection Systems Revenue Global Market Share (2012-2017)

Table GMV Basic Information List

Table GMV Smart Cards Automated Fare Collection Systems Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure GMV Smart Cards Automated Fare Collection Systems Sales Growth Rate (2012-2017)

Figure GMV Smart Cards Automated Fare Collection Systems Sales Global Market Share (2012-2017

Figure GMV Smart Cards Automated Fare Collection Systems Revenue Global Market Share (2012-2017)

Table INIT Basic Information List

Table INIT Smart Cards Automated Fare Collection Systems Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure INIT Smart Cards Automated Fare Collection Systems Sales Growth Rate (2012-2017)

Figure INIT Smart Cards Automated Fare Collection Systems Sales Global Market Share (2012-2017

Figure INIT Smart Cards Automated Fare Collection Systems Revenue Global Market Share (2012-2017)

Table Scheidt & Bachmann Basic Information List

Table Siemens Basic Information List

Table Sony Corporation Basic Information List

Table ST Electronics Basic Information List

Table GFI Genfare Basic Information List

Table LECIP Basic Information List

Table Xerox Basic Information List

Table Trapeze Group Basic Information List

Table Vix Technology Basic Information List



Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Smart Cards Automated Fare Collection Systems

Figure Manufacturing Process Analysis of Smart Cards Automated Fare Collection Systems

Figure Smart Cards Automated Fare Collection Systems Industrial Chain Analysis Table Raw Materials Sources of Smart Cards Automated Fare Collection Systems Major Players in 2016

Table Major Buyers of Smart Cards Automated Fare Collection Systems

Table Distributors/Traders List

Figure Global Smart Cards Automated Fare Collection Systems Sales Volume (K Units) and Growth Rate Forecast (2017-2022)

Figure Global Smart Cards Automated Fare Collection Systems Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Global Smart Cards Automated Fare Collection Systems Price (USD/Unit) and Trend Forecast (2017-2022)

Table Global Smart Cards Automated Fare Collection Systems Sales Volume (K Units) Forecast by Regions (2017-2022)

Figure Global Smart Cards Automated Fare Collection Systems Sales Volume Market Share Forecast by Regions (2017-2022)

Figure Global Smart Cards Automated Fare Collection Systems Sales Volume Market Share Forecast by Regions in 2022

Table Global Smart Cards Automated Fare Collection Systems Revenue (Million USD) Forecast by Regions (2017-2022)

Figure Global Smart Cards Automated Fare Collection Systems Revenue Market Share Forecast by Regions (2017-2022)

Figure Global Smart Cards Automated Fare Collection Systems Revenue Market Share Forecast by Regions in 2022

Figure United States Smart Cards Automated Fare Collection Systems Sales Volume (K Units) and Growth Rate Forecast (2017-2022)

Figure United States Smart Cards Automated Fare Collection Systems Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure China Smart Cards Automated Fare Collection Systems Sales Volume (K Units) and Growth Rate Forecast (2017-2022)

Figure China Smart Cards Automated Fare Collection Systems Revenue and Growth Rate Forecast (2017-2022)

Figure Europe Smart Cards Automated Fare Collection Systems Sales Volume (K



Units) and Growth Rate Forecast (2017-2022)

Figure Europe Smart Cards Automated Fare Collection Systems Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Japan Smart Cards Automated Fare Collection Systems Sales Volume (K Units) and Growth Rate Forecast (2017-2022)

Figure Japan Smart Cards Automated Fare Collection Systems Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Southeast Asia Smart Cards Automated Fare Collection Systems Sales Volume (K Units) and Growth Rate Forecast (2017-2022)

Figure Southeast Asia Smart Cards Automated Fare Collection Systems Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure India Smart Cards Automated Fare Collection Systems Sales Volume (K Units) and Growth Rate Forecast (2017-2022)

Figure India Smart Cards Automated Fare Collection Systems Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table Global Smart Cards Automated Fare Collection Systems Sales (K Units) Forecast by Type (2017-2022)

Figure Global Smart Cards Automated Fare Collection Systems Sales Volume Market Share Forecast by Type (2017-2022)

Table Global Smart Cards Automated Fare Collection Systems Revenue (Million USD) Forecast by Type (2017-2022)

Figure Global Smart Cards Automated Fare Collection Systems Revenue Market Share Forecast by Type (2017-2022)

Table Global Smart Cards Automated Fare Collection Systems Price (USD/Unit) Forecast by Type (2017-2022)

Table Global Smart Cards Automated Fare Collection Systems Sales (K Units) Forecast by Application (2017-2022)

Figure Global Smart Cards Automated Fare Collection Systems Sales Market Share Forecast by Application (2017-2022)

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 Smart Cards Automated Fare Collection Systems Sales Market Report 2017

Product link: https://marketpublishers.com/r/G5568B66B12EN.html

Price: US\$ 4,000.00 (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 <a href="https://marketpublishers.com/r/G5568B66B12EN.html">https://marketpublishers.com/r/G5568B66B12EN.html</a>

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 <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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