

# Global Smart Cards Automated Fare Collection Systems Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Smart Cards Automated Fare Collection Systems market size is expected to reach \$ 2866 million by 2032, rising at a market growth of 8.6% CAGR during the forecast period (2026-2032).

Automatic Fare Collection System (AFC) is a contactless smartcard-based end-to-end solution for fare collection and payment. The state-of-the-art solution is uniquely designed with the demand of revenue services for modern transit operation in mind. Furthermore, with the advent of smartcard technology and proliferation of its business applications, AFC also enables transit operators to expand revenue opportunities, exploit the benefits of payment integration with other transit operators as well as non-transit service providers.

AFC System consists of Central Computer System, Station Computer System and Station Equipment.

### Central Computer System

Central Computer System is the AFC management center which is responsible for generating reports, receiving ticketing data from station computer, sending control command, downloading system parameter and ticket price list to station computer.

### Station Computer System

The primary role of the Station Computer is to provide the usage data collection, downloading of fare related parameters to the AFC equipment; control, monitoring and

management of the AFC equipment. Its secondary role is to provide the station reports (if required) and support the sales office and customer service. It is able to function independently should there be a failure in the communication link with the central computer.

## Station Equipment

These are all the front-end equipment/devices, which are used to serve the commuter. These consist of Ticket Vending Machines, Fare Gates, Booking Office Machines, Mobile and Hand-Held Terminals and Ticket Recharging Machines etc. Typically the requirement for each implementation may vary in terms of the quantity of the equipment/devices.

## Smart Cards

Smart Cards generally support faster and more flexible fare collection systems. Contactless or Proximity Smart Cards permit faster processing times than magnetic stripe cards or contact smart cards. They also facilitate processing of differentiated fare structures such as time-based and distance-based fare structures and fare integration across several modes and operators. A hybrid or 'dual-interface' smart card can expand the application of smart cards beyond transit.

This report focus on the Station Equipment (terminal equipment) of Smart Cards Automated Fare Collection System.

Cubic Corporation, The Nippon Signal and Omron Corporation are the leading manufacturers of Smart Cards Automated Fare Collection Systems, with a combined market share of about 45%.

North America and Japan are the major markets, each accounting for about 30% of the market share.

This report studies the global Smart Cards Automated Fare Collection Systems production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Smart Cards Automated Fare Collection Systems and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Smart Cards

Automated Fare Collection Systems that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Smart Cards Automated Fare Collection Systems total production and demand, 2021-2032, (K Units)

Global Smart Cards Automated Fare Collection Systems total production value, 2021-2032, (USD Million)

Global Smart Cards Automated Fare Collection Systems production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Smart Cards Automated Fare Collection Systems consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Smart Cards Automated Fare Collection Systems domestic production, consumption, key domestic manufacturers and share

Global Smart Cards Automated Fare Collection Systems production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Smart Cards Automated Fare Collection Systems production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Smart Cards Automated Fare Collection Systems production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Smart Cards Automated Fare Collection Systems market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Cubic Corporation, The Nippon Signal, Omron Corporation, Scheidt & Bachmann, Thales Group, INIT, Huaming, Xerox, GFI Genfare, LECIP, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Smart Cards Automated Fare Collection Systems market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (USD/Unit)

by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

#### Global Smart Cards Automated Fare Collection Systems Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Smart Cards Automated Fare Collection Systems Market, Segmentation by Type:

Farebox

Ticket Vending Machines (TVM)

Validator

#### Global Smart Cards Automated Fare Collection Systems Market, Segmentation by Application:

Off-Board

On-Board

**Companies Profiled:**

Cubic Corporation

The Nippon Signal

Omron Corporation

Scheidt & Bachmann

Thales Group

INIT

Huaming

Xerox

GFI Genfare

LECIP

Shanghai Potevio Company Limited

Gunnebo

GMV

Huahong Jitong

GRG Banking

**Key Questions Answered:**

1. How big is the global Smart Cards Automated Fare Collection Systems market?
2. What is the demand of the global Smart Cards Automated Fare Collection Systems market?

3. What is the year over year growth of the global Smart Cards Automated Fare Collection Systems market?
4. What is the production and production value of the global Smart Cards Automated Fare Collection Systems market?
5. Who are the key producers in the global Smart Cards Automated Fare Collection Systems market?
6. What are the growth factors driving the market demand?

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