Automated Fare Collection Market by Application, by Service Type, by Technology, by Industry, by Region - Global Forecast to 2021

Description: The increase in investment emphasis on automated fare collection by various governments is the driving force of Automated Fare Collection (AFC) market.

The market is estimated to grow from USD 6.42 billion in 2016 to USD 11.95 billion by 2021, at an estimated Compound Annual Growth Rate (CAGR) of 13.2%. AFC eliminates the need for carrying out operations manually. The security for transaction and other operations in AFC is higher than that achieved from traditional methods. Considering such factors, the governments of many countries are investing on various AFC projects.

“Magnetic stripes technology, will continue its dominance for the AFC market in the APAC region”

In the AFC market, a magnetic stripe card is capable of storing data by modifying the magnetism of tiny iron-based magnetic particles on a band of magnetic material on the card. The market size of magnetic stripes in APAC is expected to grow with highest CAGR during the forecast period. The card may also contain an RFID tag, a transponder device or a microchip mostly used for business premises access control or electronic payment. Magnetic stripe technology enables the automatic collection of fare.

“APAC is expected to grow at the highest CAGR in the AFC market”. 

APAC is expected to grow and adopt new technologies and applications at a faster pace as compared to the rest of the world. APAC has been one of the fastest-growing regions in terms of the rapid adoption of recent technologies, including AFC applications and services. APAC is the most attractive region in the AFC market due to increased focus toward building efficient infrastructure for better communication facilities such as mono rail, metro rail, and high speed trains in APAC countries.

To determine the market size of various segments and subsegments of the AFC market, extensive secondary research is done. The collected data were then verified through primary interviews. Distribution of primary interviews is as follows:-

By Designation: - C-level -40%, Director level-30%, and others -30%

By Company Type: - Tier 1 - 35%, Tier 2 - 40%, and Tier 3 -25%

By Region: - North America- 40%, Europe- 25%, APAC- 20%, and Rest of World- 15%

Note: *Others include AFC managers, marketing managers, and product managers.

Note: Tier 1 companies have revenues more than USD 10 billion, Tier 2 companies range in between USD 1 and 10 billion or overall revenues, and Tier 3 companies range between USD 500 million and USD 1 billion of overall revenues.

To reduction revenue leakages in fare collection system, public-private partnerships is increasingly contributing to the increasing popularity of AFC.

AFC cannot be deployed by a single stakeholder; it requires a joint effort from entities in various domains, such as telecom operators, infrastructure providers, manufacturers, service providers, the public sector, and user groups. Thus, Public-Private Partnership (PPP) would be a key to the success of AFCs.

Companies profiled in the AFC market report are as follows:

- Cubic Corporation
- Indra
- Thales Group
- GMV
The report will help the market leaders/new entrants in this market in the following ways:

1. This report segments the AFC market comprehensively and provides the closest approximations of the revenue numbers for the overall market and the sub-segments across regions.
2. The report will help stakeholders to understand the pulse of the market and provide them information on key market drivers, restraints, challenges, and opportunities.
3. This report will help in understanding the competitors better and gain more insights to strengthen their position in the business. The competitive landscape section includes competitor ecosystem, mergers and acquisitions, partnerships, and new product developments.
5.4.2 Restraints
5.4.2.1 High Installation Cost
5.4.2.2 Slow Growth In The Developing And Underdeveloped Countries
5.4.3 Opportunities
5.4.3.1 Requirement For Public-Private Partnerships
5.4.3.2 Shift Toward Open Road Tolling
5.4.4 Challenges
5.4.4.1 Lack Of Inter-Operability And Standardization Among Automated Fare Collection Products

6 Industry Trends
6.1 Introduction
6.2 Value Chain Analysis
6.3 Supply Chain Analysis
6.3.1 Key Influencers
6.4 Porter’S Five Forces Analysis
6.4.1 Threat Of New Entrants
6.4.2 Threat Of Substitutes
6.4.3 Bargaining Power Of Suppliers
6.4.4 Bargaining Power Of Buyers
6.4.5 Intensity Of Competitive Rivalry
6.5 Automated Fare Collection Technologies, Standards, And Associations
6.5.1 Cloud Service
6.5.2 Global Positioning System
6.5.3 Dedicated Short Range Communication (Dsrc)
6.5.4 Wireless And Sensor Network
6.5.5 Mobile Telephony
6.5.6 Roadside Camera Recognition
6.5.7 Radiowave And Infrared Beacon
6.5.8 Probe Vehicle
6.5.9 Near-Field Communication And Contactless Payments
6.5.10 Radio-Frequency Identification
6.5.11 Radio Data System-Traffic Message Channel
6.5.12 Cooperative Intelligent Transport System (C-Afc)
6.6 Standards And Associations
6.6.1 International
6.6.2 North America
6.6.3 Europe
6.6.4 Japan

7 Automated Fare Collection Market Analysis, By Application
7.1 Introduction
7.2 Rail And Transport
7.2.1 Ticket Vending Machine
7.2.2 Automatic Collection Gate
7.2.3 Passenger Service Machine
7.2.4 Smart Card Ticketing
7.3 Parking
7.3.1 Parking Entry/Exit Barriers
7.3.2 Auto Pay Machine
7.3.3 Ticket Validating Machine
7.4 Theme Park
7.5 Others

8 Automated Fare Collection Market Analysis, By Service Type
8.1 Introduction
8.2 Consulting
8.3 System Implementation
8.4 Training, Support, And Maintenance
8.5 Managed Services

9 Automated Fare Collection Market Analysis, By Technology
9.1 Introduction
9.2 Near-Field Communication (Nfc)
9.3 Magnetic Stripes
9.4 Others

10 Automated Fare Collection Market Analysis, By Industry
10.1 Introduction
10.2 Transportation And Logistics
10.3 Government
10.4 Media And Entertainment
10.5 Retail
10.6 Others
11 Geographic Analysis
11.1 Introduction
11.2 North America
11.2.1 United States
11.2.2 Canada
11.3 Europe
11.4 Asia-Pacific
11.5 Middle East And Africa
11.6 Latin America
12 Competitive Landscape
12.1 Overview
12.2 Competitive Situations And Trends
12.2.1 New Product Launches
12.2.2 Partnerships And Collaborations
12.2.3 Business Expansions
12.2.4 Mergers And Acquisitions
13 Company Profiles
*(Overview, Products & Services, Strategies & Insights, Developments And View)*
13.1 Introduction
13.2 Cubic Corporation
13.3 Indra
13.4 Thales Group
13.5 Gmv
13.6 St Electronics
13.7 Atos
13.8 Longbow Technologies S/B
13.9 Samsung Sds
13.10 Genfare
13.11 Advanced Card Systems Holdings Limited
*Details On Overview, Products & Services, Strategies & Insights, Developments And View Might Not Be Captured In Case Of Unlisted Companies.
14 Appendix
14.1 Other Developments
14.1.1 Partnerships And Collaborations, 2013 - 2015

List of Tables

Table 1 Global Automated Fare Collection Market Size And Growth, 2014 - 2021 (USD Million, Yoy %)
Table 2 Global Automated Fare Collection Market Size, By Component, 2014 - 2021 (USD Million)
Table 3 Global Automated Fare Collection Main Market Size, 2014 - 2021 (USD Million)
Table 4 Global Automated Fare Collection Market Size, By Application, 2014 - 2021 (USD Million)
Table 5 Rail And Transport: Automated Fare Collection Market Size, By Region, 2014 - 2021 (USD Million)
Table 6 Parking: Automated Fare Collection Market Size, By Region, 2014 - 2021 (USD Million)
Table 7 Theme Park: Automated Fare Collection Market Size, By Region, 2014 - 2021 (USD Million)
Table 8 Others: Automated Fare Collection Market Size, By Region, 2014 - 2021 (USD Million)
Table 9 Global Automated Fare Collection Main Market Size, 2014 - 2021 (USD Million)
Table 10 Global Automated Fare Collection Market Size, By Service Type, 2014 - 2021 (USD Million)
Table 11 Consulting: Automated Fare Collection Market Size, By Region, 2014 - 2021 (USD Million)
Table 12 System Implementation: Automated Fare Collection Market Size, By Region, 2014 - 2021 (USD Million)
Table 13 Training, Support, And Maintenance: Automated Fare Collection Market Size, By Region, 2014 - 2021 (USD Million)
Table 14 Managed Services: Automated Fare Collection Market Size, By Region, 2014 - 2021 (USD Million)
Table 15 Global Automated Fare Collection Market Size, By Technology, 2014 - 2021 (USD Million)
Table 16 Near Field Communication: Automated Fare Collection Market Size, By Region, 2014 - 2021 (USD Million)
Table 17 Magnetic Stripes: Automated Fare Collection Market Size, By Region, 2014 - 2021 (USD Million)
Table 18 Others: Automated Fare Collection Market Size, By Region, 2014 - 2021 (USD Million)
Table 19 Global Automated Fare Collection Market Size, By Industry, 2014 - 2021 (USD Million)
Table 20 Transportation And Logistics: Automated Fare Collection Market Size, By Region, 2014 - 2021 (USD Million)
Table 21 Government: Automated Fare Collection Market Size, By Region, 2014 - 2021 (USD Million)
Table 22 Media And Entertainment: Automated Fare Collection Market Size, By Region, 2014 - 2021 (USD Million)
Table 23 Retail: Automated Fare Collection Market Size, By Region, 2014 - 2021 (USD Million)
Table 24 Others: Automated Fare Collection Market Size, By Region, 2014 - 2021 (USD Million)
Table 25 Global Automated Fare Collection Market Size, By Region, 2014 - 2021 (USD Million)
Table 26 Applications: Automated Fare Collection Market Size, By Region, 2014 - 2021 (USD Million)
Table 27 Services: Automated Fare Collection Market Size, By Region, 2014 - 2021 (USD Million)
Table 28 North America: Automated Fare Collection Market Size, By Component, 2014 - 2021 (USD Million)
Table 29 North America: Automated Fare Collection Market Size, By Application, 2014 - 2021 (USD Million)
Table 30 North America: Automated Fare Collection Market Size, By Service Type, 2014 - 2021 (USD Million)
Table 31 North America: Automated Fare Collection Market Size, By Industry, 2014 - 2021 (USD Million)
Table 32 North America: Automated Fare Collection Market Size, By Technology, 2014 - 2021 (USD Million)
Table 33 United States: Automated Fare Collection Market Size, By Component, 2014 - 2021 (USD Million)
Table 34 United States: Automated Fare Collection Market Size, By Application, 2014 - 2021 (USD Million)
Table 35 United States: Automated Fare Collection Market Size, By Service Type, 2014 - 2021 (USD Million)
Table 36 United States: Automated Fare Collection Market Size, By Industry, 2014 - 2021 (USD Million)
Table 37 United States: Automated Fare Collection Market Size, By Technology, 2014 - 2021 (USD Million)
Table 38 Canada: Automated Fare Collection Market Size, By Component, 2014 - 2021 (USD Million)
Table 39 Canada: Automated Fare Collection Market Size, By Application, 2014 - 2021 (USD Million)
Table 40 Canada: Automated Fare Collection Market Size, By Service Type, 2014 - 2021 (USD Million)
Table 41 Canada: Automated Fare Collection Market Size, By Industry, 2014 - 2021 (USD Million)
Table 42 Canada: Automated Fare Collection Market Size, By Technology, 2014 - 2021 (USD Million)
Table 43 Europe: Automated Fare Collection Market Size, By Component, 2014 - 2021 (USD Million)
Table 44 Europe: Automated Fare Collection Market Size, By Application, 2014 - 2021 (USD Million)
Table 45 Europe: Automated Fare Collection Market Size, By Service Type, 2014 - 2021 (USD Million)
Table 46 Europe: Automated Fare Collection Market Size, By Industry, 2014 - 2021 (USD Million)
Table 47 Europe: Automated Fare Collection Market Size, By Technology, 2014 - 2021 (USD Million)
Table 48 Asia-Pacific: Automated Fare Collection Market Size, By Component, 2014 - 2021 (USD Million)
Table 49 Asia-Pacific: Automated Fare Collection Market Size, By Application, 2014 - 2021 (USD Million)
Table 50 Asia-Pacific: Automated Fare Collection Market Size, By Service Type, 2014 - 2021 (USD Million)
Table 51 Asia-Pacific: Automated Fare Collection Market Size, By Industry, 2014 - 2021 (USD Million)
Table 52 Asia-Pacific: Automated Fare Collection Market Size, By Technology, 2014 - 2021 (USD Million)
Table 53 Middle East And Africa: Automated Fare Collection Market Size, By Component, 2014 - 2021 (USD Million)
Table 54 Middle East And Africa: Automated Fare Collection Market Size, By Application, 2014 - 2021 (USD Million)
Table 55 Middle East And Africa: Automated Fare Collection Market Size, By Service Type, 2014 - 2021 (USD Million)
Table 56 Middle East And Africa: Automated Fare Collection Market Size, By Industry, 2014 - 2021 (USD Million)
Table 57 Middle East And Africa: Automated Fare Collection Market Size, By Technology, 2014 - 2021 (USD Million)
Table 58 Latin America: Automated Fare Collection Market Size, By Component, 2014 - 2021 (USD Million)
Table 59 Latin America: Automated Fare Collection Market Size, By Application, 2014 - 2021 (USD Million)
Table 60 Latin America: Automated Fare Collection Market Size, By Service Type, 2014 - 2021 (USD Million)
Table 61 Latin America: Automated Fare Collection Market Size, By Industry, 2014 - 2021 (USD Million)
Table 62 Latin America: Automated Fare Collection Market Size, By Technology, 2014 - 2021 (USD Million)
Table 63 New Product Launches, 2013 - 2016
Table 64 Partnerships And Collaborations, 2013 - 2016
Table 65 Business Expansions, 2013 - 2016
Table 66 Mergers And Acquisitions, 2013 - 2016

List of Figures

Figure 1 Global Automated Fare Collection Market: Research Design
Figure 2 Market Size Estimation Methodology: Bottom-Up Approach
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Automated Fare Collection Market by Application, by Service Type, by Technology, by Industry, by Region - Global Forecast to 2021
Web Address: http://www.researchandmarkets.com/reports/3758194/
Office Code: SC

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User</td>
<td></td>
<td>USD 5650</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users</td>
<td></td>
<td>USD 6650</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License</td>
<td></td>
<td>USD 8150</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide</td>
<td></td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: Mr ☐ Mrs ☐ Dr ☐ Miss ☐ Ms ☐ Prof ☐
First Name: ___________________________
Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

<table>
<thead>
<tr>
<th>Account number</th>
<th>833 130 83</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
<tr>
<td>Bank Address</td>
<td>Ulster Bank, 27-35 Main Street, Blackrock, Co. Dublin, Ireland</td>
</tr>
</tbody>
</table>

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World