

APCs are increasingly used as an alternative to manual passenger counting in North America and Europe to generate and study the ridership trends and patterns. Trains are an important mode of public transport in these region and most APC systems installed in trains are a part of a larger ITS solution. Many new rail vehicles in the region come with an integrated APC system, which is a part of a comprehensive ITS solution. The automatic passenger counting market is growing at a significant CAGR for applications such as roadways and railways; whereas, it is in the emerging stage for the waterways application but is expected to show a considerable growth rate in the coming years.

The PIS market in the railway transit services is quite mature. In most of the countries, such systems are either installed or in the installation phase. In the developed countries, railway service providers have already adopted these solutions; whereas, in the developing economies, the traction is high and adoption would grow at higher rate. In the roadways transport, the PIS solution adoption is not as widespread as in the railways; however, it is expected to increase at a significant rate in coming years.

For the airways segment, almost all the airports are well-equipped with the PIS solutions. This segment was the early adopter of these solutions.

The report explores the automatic passenger counting and information system market size and forecasts from 2013 to 2020, including the historical years. The report predicts that the APC market is expected to reach $194.17 million by 2020 at an estimated CAGR of 22.2%; whereas the PIS market is anticipated to cross the $23.1 billion mark by 2020.

The APC & PIS report covers the automatic passenger counting market, by application, such as roadways, railways, and airways; it also covers geographies including North America (the U.S., Canada, and Mexico), South America (Brazil, Argentina, and others), Europe (the U.K., Germany, France, Italy, and others), APAC (China, Japan, India, South Korea, and others), and RoW (the Middle East and Africa). The passenger information system market, by system, includes passenger information display systems, passenger information announcement systems, emergency communication systems, infotainment systems, passenger information mobile applications, and others. Components & devices include multimedia displays, public announcement devices, networking and communications devices, sensors, and others. Whereas the applications include railways, roadways, and airways; and the geographies covered are North America, Europe, APAC and RoW.

The APC & PIS report talks about the premium insights; different drivers, restraints, opportunities, and challenges that would shape the automatic passenger counting and information system market; the Porter's five forces analysis; and competitive landscape and company profiling of top players. The players involved in the automatic passenger counting and information system market include Eurotech SpA (Italy), iris-GmbH (Germany), Urban Transportation Associates, Inc. (U.S.), DILAX Intelcom GmbH (Germany), and HELLA Aglaia Mobile Vision GmbH (Germany), Alstom (France), Cisco systems, Inc. (U.S.), GE Transportation (U.S.), Hitachi, Ltd. (Japan), Huawei Technologies Co. Ltd. (China), and Siemens AG (Germany).

Contents:
1 Introduction
1.1 Objectives of the Study
1.2 Market Definition
1.3 Markets Covered
1.4 Stakeholders
1.5 Years Considered
1.6 Currency
6.2.1 Key Influencers
6.3 Porter's Five Forces Analysis for the Automatic Passenger Counting Market
6.3.1 Bargaining Power of Suppliers
6.3.2 Bargaining Power of Buyers
6.3.3 Threat of Substitutes
6.3.4 Threat of New Entrants
6.3.5 Degree of Competition
6.4 Porter's Five Forces Analysis for the PIS Market
6.4.1 Bargaining Power of Suppliers
6.4.2 Bargaining Power of Buyers
6.4.3 Threat of Substitutes
6.4.4 Threat of New Entrants
6.4.5 Degree of Competition
6.5 Strategic Benchmarking
6.5.1 Technology Integration & Product Enhancement

7 By Devices & Components
7.1 Introduction
7.2 Passenger Information System Market
7.2.1 Passenger Information Display Systems
7.2.2 Passenger Information Announcement Systems
7.2.3 Emergency Communication Systems
7.2.4 Infotainment Systems
7.2.5 Passenger Information Mobile Applications
7.3 Passenger Information System Market, By Device & Component
7.3.1 Multimedia Displays
7.3.2 Public Announcement Systems
7.3.3 Networking and Communication Devices
7.3.4 Sensors
7.3.5 Others

8 By Application
8.1 Introduction
8.2 Transportation
8.2.1 Railways
8.2.2 Roadways
8.2.3 Waterways and Airways

9 By Technology
9.1 Introduction
9.2 Automatic Passenger Counting Working Principle
9.3 Technologies Used in Automatic Passenger Counting
9.3.1 Treadle Mats
9.3.2 Light Beams
9.3.3 Active Infrared
9.3.4 Passive Infrared
9.3.5 Active & Passive (Dual) IR Technology
9.3.6 Thermal Scanner
9.3.7 Time-Of-Flight
9.3.8 Camera Based

10 Geographic Analysis
10.1 Introduction
10.2 Americas
10.2.1 North America
10.2.1.1 U.S.
10.2.1.2 Canada
10.2.1.3 Mexico
10.2.2 South America
10.2.2.1 Brazil
10.2.2.2 Argentina
10.2.2.3 Others
10.3 Europe
10.3.1 U.K.
10.3.2 Germany
10.3.3 France
10.3.4 Italy
10.3.5 Others
10.4 Asia-Pacific
10.4.1 China
10.4.2 Japan
10.4.3 India
10.4.4 South Korea
10.4.5 Others
10.5 Rest of the World (RoW)
10.5.1 Middle East
10.5.2 Africa

11 Competitive Landscape
11.1 Overview
11.2 Competitive Situation and Trends
11.3.1 New Product Launches
11.3.2 Agreements, Partnerships, Collaborations & Joint Ventures
11.3.3 Mergers and Acquisitions
11.3.4 Expansions

12 Company Profiles
(Overview, Products & Services, Strategies & Insights, Developments and MNM View)*
12.1 Introduction
12.2 Cubic Transportation Systems, Inc.
12.3 Dilax Intelcom GMBH
12.4 Eurotech S.P.A
12.5 Hella Aglaia Mobile Vision GMBH
12.6 Iris-GMBH
12.7 Innovation in Traffic Systems AG
12.8 Trapeze Software Group Inc.
12.9 Alstom
12.10 Cisco Systems, Inc.
12.11 GE Transportation
12.12 Hitachi, Ltd.
12.13 Huawei Technologies Co. Ltd.
12.14 Siemens AG

*Details on Marketsandmarkets View, Overview, Products & Services, Financials and Strategy & Analyst Insights Might Not be Captured in Case of Unlisted Companies.

13 Appendix
13.1 Insights of Industry Experts
13.2 Expert Views on Automatic Passenger Counting
13.3 Discussion Guide
13.4 Introducing RT: Real-Time Market Intelligence
13.5 Available Customization
13.6 Related Reports

List of Tables (73 Tables)

Table 1 The Increasing Government Regulation is Propelling the Growth of the Automatic Passenger Counting Market
Table 2 High Growth in the Telecommunication Sector and Urbanization Would Boost the PIS Market in the Coming Years
Table 3 The Increasing Government Regulation is Propelling the Growth of the Automatic Passenger Counting Market
Table 4 High Growth in the Telecommunication Sector and Urbanization Would Boost the PIS Market in the Coming Years
Table 5 The Dynamic Pricing Model Would Bring New Opportunities in the PIS Market During the Forecast
Period

Table 6 Cloud and Big Data Would Bring New Opportunities in the PIS Market
Table 7 The Cost and ROI of the APC Are Some of the Major Challenges Faced in the Automatic Passenger Counting Market
Table 8 Less Awareness of Big Data and Cloud Services in the Developing Nations
Table 9 Automatic Passenger Counting & PIS Market Size, 2013–2020 ($Million)
Table 10 PIS Market Size, By Type, 2013–2020 ($Million)
Table 11 PIS Market Size, By System, 2013–2020 ($Million)
Table 12 PIS Market Size, By Device & Component, 2013–2020 ($Million)
Table 13 PIS Market Size, By Multimedia Display, 2013–2020 ($Million)
Table 14 PIS Market Size, By Networking & Communication Device, 2013–2020 ($Million)
Table 15 PIS Market Size, By Sensor, 2013–2020 ($Million)
Table 16 PIS Market Size, By Service, 2013–2020 ($Million)
Table 17 APC Market Size, By Application, 2013–2020 ($Million)
Table 18 APC Market Size, By Application, 2013–2020 (Thousand Units)
Table 19 PIS Market Size, By Application, 2013–2020 ($Million)
Table 20 Automatic Passenger Counting Market Size, By Railway, 2013–2020
Table 21 APC Market Size, By Roadway, 2013–2020
Table 22 APC Market Size, By Waterway, 2013–2020
Table 23 APC Market Size, By Technology, 2013–2020 ($Million)
Table 24 APC Market Size, By Technology, 2013–2020 (Thousand Units)
Table 25 Americas Automatic Passenger Counting Market Size, By Technology, 2013-2020 ($Million)
Table 26 Americas: APC Market Size, By Technology, 2013-2020 (Thousand Units)
Table 27 Europe: APC Market Size, By Technology, 2013-2020 ($Million)
Table 28 Europe Automatic Passenger Counting Market Size, By Technology, 2013-2020 (Thousand Units)
Table 29 APAC: APC Market Size, By Technology, 2013-2020 ($Million)
Table 30 APAC: APC Market Size, By Technology, 2013-2020 (Thousand Units)
Table 31 RoW: APC Market Size, By Technology, 2013-2020 ($Million)
Table 32 RoW: APC Market Size, By Technology, 2013-2020 (Thousand Units)
Table 33 Automatic Passenger Counting Market Size, By Region, 2013–2020 ($Million)
Table 34 APC Market Size, By Region, 2013–2020 (Thousand Units)
Table 35 PIS Market Size, By Region, 2013–2020 ($Million)
Table 36 Americas: APC Market Size, By Region, 2013–2020 ($Million)
Table 37 Americas: APC Market Size, By Region, 2013–2020 (Thousand Units)
Table 38 North Americas Automatic Passenger Counting Market Size, 2013–2020 ($Million)
Table 39 North America: APC Market Size, By Country, 2013–2020 ($Million)
Table 40 North America: APC Market Size, By Country, 2013–2020 (Thousand Units)
Table 41 U.S. Automatic Passenger Counting Market Size, 2013–2020
Table 42 Canada: APC Market Size, 2013–2020
Table 43 Mexico: APC Market Size, 2013–2020
Table 44 South America: APC Market Size, 2013–2020 ($Million)
Table 45 South America: APC Market Size, By Country, 2013–2020 ($Million)
Table 46 South America: APC Market Size, By Country, 2013–2020 (Thousand Units)
Table 47 Brazil: APC Market Size, 2013–2020
Table 48 Argentina: APC Market Size, 2013–2020
Table 49 Others: APC Market Size, 2013–2020
Table 50 Europe: Automatic Passenger Counting Market Size, By Country, 2013–2020 ($Million)
Table 51 Europe: APC Market Size, By Region, 2013–2020 (Thousand Units)
Table 52 U.K.: APC Market Size, 2013–2020
Table 53 Germany: APC Market Size, 2013–2020
Table 54 France: APC Market Size, 2013–2020
Table 55 Italy: Automatic Passenger Counting Market Size, 2013–2020
Table 56 Others: APC Market Size, 2013–2020
Table 57 APAC: APC Market Size, By Region, 2013–2020 ($Million)
Table 58 APAC: APC Market Size, By Region, 2013–2020 (Thousand Units)
Table 59 China: APC Market Size, 2013–2020
Table 60 Japan: APC Market Size, 2013–2020
Table 61 India: Automatic Passenger Counting Market Size, 2013–2020
Table 62 South Korea: APC Market Size, 2013–2020
Table 63 Others: APC Market Size, 2013–2020
Table 64 RoW: APC Market Size, 2013–2020 ($Million)
Table 65 RoW: APC Market Size, 2013–2020 (Thousand Units)
Table 66 Middle East: APC Market Size, 2013–2020
Table 68: PIS Market Size, By Region, 2013–2020 ($Million)
Table 69: Key Players Rank (2014)
Table 70: New Product Launches, 2011–2014
Table 71: Agreements, Partnerships, Collaborations & Joint Ventures, 2011–2014
Table 72: Mergers and Acquisitions, 2011–2014
Table 73: Expansions, 2011–2014

List of Figures (86 Figures)

Figure 1: Passenger Information System Market, By Segment
Figure 2: Automatic Passenger Counting & Passenger Information System Market: Research Design
Figure 3: Market Size Estimation Methodology: Bottom-Up Approach
Figure 4: Market Size Estimation Methodology: Top-Down Approach
Figure 5: Global Automated Passenger Counter Market, By Application, 2014
Figure 6: Global Automated Passenger Counter Market Share, By Region, 2014
Figure 7: Passenger Information Systems Market, By Type, 2014 vs. 2020
Figure 8: Passenger Information Systems Market: Shares and Size Snapshot
Figure 9: Geographic Analysis of Passenger Information Systems Market, 2014
Figure 10: The Automatic Passenger Counting Market is Expected to Grow at a CAGR of 22.1% Between 2014 and 2020
Figure 11: The Passenger Information System Market is Expected to Grow at a CAGR of 24.3% Between 2014 and 2020
Figure 12: The Passenger Information Mobile Application is Anticipated to Play a Significant Role in the PIS Market During the Forecast Period
Figure 13: North America & Europe Are the Leading Regions for the PIS Market
Figure 14: The U.S. Constitutes Over One-Fourth of the APC Market
Figure 15: APAC is Expected to Grow at a Faster Pace in the Passenger Information System Market
Figure 16: Railways Held the Largest Share in the PIS Market in 2014
Figure 17: The U.S. is the Largest Shareholder While India is the Fastest Growing Country for the APC Market
Figure 18: Global Automated Passenger Counter Market, By Application, 2014
Figure 19: PIS Market Evolution
Figure 20: Automatic Passenger Counting Market: By Technology
Figure 21: APC Market: By Application
Figure 22: Passenger Information System Market: By Service
Figure 23: PIS Market: By Component/Device
Figure 24: Market Overview Snapshot for APC and PIS Market
Figure 25: Value Chain Analysis (2013) of the Automatic Passenger Counting Market: Major Value is Added By the Component Manufacturers and APC Manufacturers
Figure 26: Value Chain Analysis (2013) of the PIS Market: Major Value is Added By the Component Manufacturers and OEMS
Figure 27: Porter's Five Forces Analysis for the Automatic Passenger Counting Market (2013)
Figure 28: Porter's Five Forces Analysis for the APC Market
Figure 29: Bargaining Power of Suppliers in the APC Market
Figure 30: Bargaining Power of Buyers in the APC Market
Figure 31: Threat of Substitutes in the Automatic Passenger Counting Market
Figure 32: Threat of New Entrants in the APC Market
Figure 33: Degree of Competition in the APC Market
Figure 34: Porter's Five Forces Analysis for the PIS Market (2013)
Figure 35: Porter's Five Forces Analysis for the Passenger Information System Market
Figure 36: Bargaining Power of Suppliers in the PIS Market
Figure 37: Bargaining Power of Buyers in the PIS Market
Figure 38: Threat of Substitutes in the Passenger Information System Market
Figure 39: Threat of New Entrants in the PIS Market
Figure 40: Degree of Competition in the Passenger Information System Market
Figure 41: Recent Developments in the Automatic Passenger Counting Market
Figure 42: Recent Developments in the PIS Market
Figure 43: It Systems Held the Largest Share in the PIS Market During the Forecast Period
Figure 44: Infotainment Systems Are Expected to Play a Significant Role in the PIS Market During the Forecast Period
Figure 45: The Networking and Communication Devices Are Anticipated to Hold the Largest Share By 2020
Figure 46: PIS Market Size, By Multimedia Display (2014 vs. 2020)
Ordering:

Order Online - [http://www.researchandmarkets.com/reports/3169900/](http://www.researchandmarkets.com/reports/3169900/)
Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
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.

Web Address: http://www.researchandmarkets.com/reports/3169900/
Office Code: SCPLXV8H

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

<table>
<thead>
<tr>
<th>Quantity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td></td>
</tr>
<tr>
<td>Single User</td>
<td>USD 4650</td>
</tr>
<tr>
<td>1 - 5 Users</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Site License</td>
<td>USD 7150</td>
</tr>
<tr>
<td>Enterprisewide</td>
<td>USD 9000</td>
</tr>
</tbody>
</table>

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>Description</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Account number</td>
<td>833 130 83</td>
</tr>
<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