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Global Automated Passenger Counting System Market Size study & Forecast, by Product Type (Automated Passenger Counting System, Automated Passenger Information System), by End-User (Buses, Trains and Trams, Ferries) and Regional Analysis, 2023-2030

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Abstracts

Global Automated Passenger Counting System Market is valued at approximately USD xxx billion in 2022 and is anticipated to grow with a healthy growth rate of more than xxx% over the forecast period 2023-2030. Automated Passenger Counting and Information Systems refer to electronic devices utilized to track and record the number of passengers boarding and disembarking at various stops or stations. The most accurate and dependable passenger counting systems employ cameras to capture and log the passenger count. Furthermore, the requirement for modifications in existing data systems to facilitate the implementation of automated passenger counting and information systems presents promising opportunities for the expansion of the automated passenger counting and information system in the future.

Automated Passenger Counting and Information Systems play a crucial role in optimizing the operations of public transportation by providing accurate passenger data and real-time information. According to the American Public Transportation Association, in 2023, the public transportation sector is a substantial industry valued at USD 79 billion and supports over 430,000 jobs worldwide. In the United States alone, around 6,800 organizations are involved in providing public transportation services. A report by the European Investment Bank reveals that 64% of Europeans express a willingness to choose public transport over driving for environmental reasons. In contrast, a higher percentage of Chinese citizens (93%) are already adopting this behavior, while only 49% of Americans have embraced it. The growth of the Automated Passenger Counting and Information System is anticipated to be driven by key factors, including

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advancements in passenger information system technologies and the increasing pace of urbanization. However, the high initial cost of the product and lack of awareness regarding the usage of automated passenger counting and information systems among users may stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Automated Passenger Counting System Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market in 2022 owing to the increasing adoption of passenger counting systems in transit vehicles aims to provide passengers with reliable, secure, and punctual transportation services. Moreover, the region's growing population drives the demand for smart transportation networks, which are essential in ensuring a dependable and secure travel experience for passengers. These factors collectively contribute to the significant growth of the Automated Passenger Counting System Market in the Asia-Pacific region throughout the forecast period. North America is expected to grow significantly during the forecast period, owing to technological advancements in passenger information systems. Additionally, the supportive regulations from the government encouraging the widespread adoption of automated passenger counting systems are projected to fuel the market growth in the region in the foreseeable future.

Major market player included in this report are:
Hella Aglaia Mobile Vision Gmbh
Clever Devices Ltd
Retail Sensing Ltd.
GMV Syncromatics
Trapeze Software Inc.
Infodev Electronic Designers International Inc.
Siemens AG
Cisco Systems Inc.
Huawei Technologies Co., Ltd.
Hitachi, Ltd.

Recent Developments in the Market:
In June 2021, Eurotech introduced a High-Performance Embedded Computing (HPEC) system designed specifically for transportation applications. This system enables robust and efficient networking capabilities within vehicles, ensuring high-performance connectivity.
In April 2021, DILAX Intelcom unveiled the Dilax Structured Light Sensor, an advanced

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optical 3D sensor that operates using structured light technology. This cutting-edge sensor is capable of accurately counting and detecting objects, even in challenging lighting conditions such as darkness or overexposure.
In May 2021, ris-GmbH recently introduced the AHELLA Automatic Passenger Counting Sensor IRMA 6, which utilizes time-of-flight technology. This innovative sensor is specifically designed for vehicle and railway applications. With its advanced capabilities, the IRMA 6 sensor enables accurate and automated passenger counting in real-time, enhancing efficiency and data accuracy in transportation systems.

Global Automated Passenger Counting System Market Report Scope:
Historical Data – 2020 - 2021
Base Year for Estimation – 2022
Forecast period - 2023-2030
Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends
Segments Covered – Product Type, End User, Region
Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa
Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product Type:
Automated Passenger Counting System
Automated Passenger Information System
By End User:
Buses
Trains & Trams
Ferries

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By Region:

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Canada

Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC

Latin America
Brazil
Mexico

Middle East & Africa
Saudi Arabia
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