



## TRANSIT TICKETING & FARE COLLECTION IN ASIA PACIFIC REPORT 2021-2030

*Analysis of opportunities in around 115 cities*

Global Mass Transit Research has released the second edition of the **Transit Ticketing & Fare Collection in Asia Pacific Report 2021-2030** in July 2021.

The report provides **latest information** on the **current status of ticketing systems** and **plans for deployment of advanced fare collection systems** including open payments and in around **115 cities** in **25 countries** in Asia Pacific. In the next decade, the spotlight will be on contactless smartcards, contactless bank cards, account-based ticketing (ABT) and mobile ticketing.

The report comprises 3 distinct sections.

Parts 1 and 2 of the report (PPT format converted to PDF) provides an analysis of the:

- Market size of the AFC segment and sub-segments (current and projected)
- Impact of Covid-19 and factors influencing new media deployment
- Future plans for deployment of advanced fare collection systems
- Key emerging trends and growth drivers
- Size of the contactless smartcards market (current and future)
- Bank cards for transit ticketing (current status and future plans)
- Mobile ticketing for transit (current status and future plans)
- Current status of the account-based ticketing (ABT) market and future plans
- Open loop payment systems
- Mobility-as-a-Service (key deployments, case studies, etc.)
- Blockchain and data for transit ticketing
- Regional trends and opportunities
- Recent contracts, announcements and tenders
- Current status and future opportunities by type of fare media
- Current status of integration (multi-modal; multi-operator at the local, regional and national levels)
- Planned level of integration and interoperability
- Key policies affecting integration and cross-border ticketing
- New technologies and innovations
- Key players

Part 3 of the report will provide detailed information on over 115 cities in the region. Each city profile will provide information on:

- Key players (operators and developers)
- Modes operated in the city
- Ridership for each mode
- Current fleet size and stations
- Existing fare media and technology [contactless smartcards, RFID-tokens, NFC-enabled devices (excluding smartphones), paper tickets, magnetic stripe tickets, metal tokens, contact-based smartcards, bank/EMV cards and mobile ticketing (App-/ QR code-/ NFC-based/digital wallets)]
- Current ticketing infrastructure
- Vendors/suppliers of ticketing infrastructure
- Account-based ticketing (ABT)
- Mobility-as-a-Service (MaaS)
- Existing level of fare integration (across modes, city-wide, regional, national, with retail, with parking, etc.)
- Planned public transport network (lengths, stations/stops, rolling stock, and commencement of operations)
- New fare media planned
- Plans to deploy ABT
- ABT vendors
- Key contract awards
- Contract values
- Timelines and AFC implementation schedules
- Planned level of integration (across modes, city-wide, national, etc.)
- Additional information

The report aims to serve organisations interested in the transit fare collection systems – transport authorities, operators, service and technology providers, equipment manufacturers and suppliers, investors/lenders, start-ups, research organisations, industry consultants, regulatory agencies, development institutions, academia, etc.

The report is available in PPT format (converted to PDF) with detailed information in MS Excel database format. It is priced at USD 2,000.

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## **PART 1: INDUSTRY OVERVIEW, TRENDS AND OUTLOOK**

Part 1 will provide an overview of the AFC systems in around 115 cities, market size and outlook, projections, impact of Covid-19 on the AFC segment, and plans of cities/transit agencies to deploy advanced fare collection systems including account-based ticketing (ABT) and open loop systems. It will also discuss key emerging trends and recent developments as well as highlight the next-gen technologies.

### **1.1 Current Status and Market Size**

- 1.1.1 Overview of AFC systems
- 1.1.2 Key emerging trends and outlook for the next decade
- 1.1.3 Trends in ridership
- 1.1.4 Impact of AFC systems on ridership
- 1.1.5 Market Size of AFC segment
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- 1.4.3 Future outlook and market opportunities
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- 1.4.8 Outlook for mobile ticketing and digital wallets
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- 1.4.10 Next-gen ticketing: New technologies
- 1.4.11 Use of data for seamless travel
- 1.4.12 Smart cities and smart ticketing
- 1.4.13 Key risks and challenges

## **PART 2: INDUSTRY ANALYSIS**

Part 2 will provide an analysis of the AFC market by fare media as well as integration and interoperability. It will also highlight regional trends and opportunities as well as discuss the competitive landscape and profile key players in the industry.

### **2.1 Analysis by Fare Media: Current Status and Future Plans**

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- Planned level of integration (across modes, city-wide, national, etc.)
  - Additional information

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- 2.3.3 Industry outlook

## Countries covered in the database

- Australia
- Azerbaijan
- Bangladesh
- Bhutan
- Cambodia
- China
- Hong Kong Special Administrative Region
- India
- Indonesia
- Japan
- Kazakhstan
- Laos
- Macao Special Administrative Region
- Malaysia
- Mongolia
- New Zealand
- Pakistan
- Philippines
- Singapore
- South Korea
- Sri Lanka
- Taiwan
- Thailand
- Uzbekistan
- Vietnam

## PART 3: AROUND 115 CITY PROFILES (MS EXCEL DATABASE)

Part 3 of the report will provide detailed information on over 115 cities in the region. Each city profile will provide information on:

- Key players (operators and developers)
- Modes operated in the city
- Ridership for each mode
- Current fleet size and stations
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- Timelines and AFC implementation schedules

## Sources and Methodology

**Global Mass Transit Research's** industry analysts have utilised primary and secondary research sources in preparing this report. Primary sources include information obtained through telephone interviews and emails from public transport authorities, operators and regulators. Secondary sources include, but are not limited to, project websites and status reports; websites, annual reports, capital programmes and financial reports of transport authorities and operators; documentation provided by relevant financing institutions; investor presentations; analyst reports; government plans and documents; websites of ministries and regulators; websites of industry associations; internal and external proprietary databases; news articles; and press releases. Wherever applicable, research sources are cited within the report.

Our analysts and researchers have combined the information from these primary and secondary sources with their industry expertise to synthesise the qualitative and quantitative analyses presented in this report. In cases where data was not available, we have used the estimates from authentic published reports or press releases.

Great care has been taken to ensure that all analyses are supported by facts. In situations where facts were not available and assumptions were made to conduct analyses, we have explained our assumptions and our methods of estimation.

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Through these products, **Global Mass Transit** provides information on all key developments, trends and issues in the sector; tracks major projects, contracts and investments; profiles leading mass transit authorities/operators and discusses their strategies; reports on regulatory initiatives and examines their implementation; provides the latest available data and statistics; and features views and perspectives of experts and top industry players.

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