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- 1.1.5 Market size by sub-segments (contactless smartcards, mobile ticketing, front-end hardware, back-end, service and maintenance)
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- 1.2.2 New business models
- 1.2.3 Integration of public transit with micro-mobility, licensed taxis, e-hailing, autonomous taxis, car sharing, etc.
- 1.2.4 Integrated mobility strategy and ticketing: case studies
- 1.2.5 Changing mobility behaviour
- 1.2.6 Transit operator as a thought leader
- 1.2.7 Cloud migration, transparency and security for open loop payments
- 1.2.8 15-minute city plans
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- 1.2.10 Prioritising equity, accessibility and inclusivity

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- 1.3.2 Levels of MaaS and integration with new mobility solutions
- 1.3.3 Role of ABT solutions in MaaS
- 1.3.4 Managing relationships with stakeholders
- 1.3.5 Managing risk and regulatory issues
- 1.3.6 Key case studies (Barcelona/ Principality of Monaco/ Dallas/Kaohsiung*)

1.4 Recent Developments (12 months)

- 1.4.1 Recent announcements
- 1.4.2 Recent contracts awarded

- 1.4.3 Recent launches
- 1.4.4 Recent pilot projects
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- 1.4.6 Recent collaborations
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2.2 Analysis of Integration and Interoperability: Current Status and Future Plans

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2.3 Key Players

2.3.1 Overview

2.3.2 Key Products/Product portfolio

2.3.3 Current presence/deployments

2.3.4 Expansion plans and strategy

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

Cities from the following countries will be covered:

PART 3: REGIONAL ANALYSIS

Each regional section will provide in-depth analysis on current status of fare media deployed, integration and interoperability, case studies, emerging trends, growth dynamics, plans of agencies to deploy advanced ticketing systems, and outlook for fare media options.

3.1 North America

3.2 Latin America

3.3 Asia-Pacific

3.4 Europe

3.5 Middle East

3.6 Africa

North America

- Canada
- United States

Latin America

- Argentina
- Belize
- Bolivia
- Brazil
- Chile
- Colombia
- Costa Rica
- Cuba
- Dominican Republic
- Ecuador
- French Guiana
- Guatemala
- Mexico
- Panama
- Paraguay
- Peru
- Venezuela

Asia Pacific

- Australia
- Azerbaijan
- Bangladesh
- Bhutan
- Cambodia
- China
- India
- Indonesia
- Japan
- Kazakhstan
- Laos
- Macao
- Malaysia
- Maldives
- Mongolia
- Myanmar

PART 4: EXCEL DATABASE OF 750 CITIES

Each city profile will include 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 smart phones), 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, estimated investment, and commencement of operations)
- New fare media planned
- Plans to deploy ABT
- ABT vendors
- Key contract awards
- Contract values
- Timelines and AFC implementation schedules

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- New Zealand
- Pakistan
- Philippines
- Singapore
- South Korea
- Sri Lanka
- Taiwan
- Thailand
- Uzbekistan
- Vietnam

Europe

- Armenia
- Austria
- Belarus
- Belgium
- Bulgaria
- Croatia
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Georgia
- Germany
- Greece
- Hungary
- Iceland
- Ireland
- Italy
- Latvia
- Lithuania
- Luxembourg
- Macedonia
- Malta
- Moldova
- Monaco
- Norway
- Poland
- Portugal
- Romania
- Russia
- Serbia
- Slovakia
- Slovenia
- Spain

- Sweden
- Switzerland
- The Netherlands
- Turkey
- Ukraine
- United Kingdom

Middle East

- Bahrain
- Iran
- Iraq
- Israel
- Jordan
- Kuwait
- Oman
- Qatar
- Saudi Arabia
- UAE

Africa

- Algeria
- Cameroon
- Cote d'Ivoire
- Egypt
- Ethiopia
- Ghana
- Kenya
- Libya
- Mauritius
- Morocco
- Nigeria
- Rwanda
- Senegal
- Sierra Leone
- South Africa
- Tanzania
- Tunisia
- Uganda

PART 5

- Sources and methodology
- List of Acronyms