



GLOBAL TRANSIT FARE COLLECTION SYSTEMS REPORT 2016

The transit fare collection systems industry has undergone rapid transformation in recent years. From traditional ticketing options, such as paper tickets and tokens, the service providers moved to magnetic-stripe tickets and closed-loop smart cards initially, and contactless bank cards and mobile ticketing currently. For agencies using legacy systems, this transformation has generally been gradual and conducted in phases. For agencies developing new systems, the direct deployment of the latest payment technologies is proving to be the most cost-effective option.

While established solutions are available to implement modern fare system technologies, transit service providers operate a wide variety of systems based on their specific conditions and regulatory environments. Although the same technology may be employed by various agencies, the implementation processes and experiences may be different. In such circumstances, it is important to gain knowledge about the available products and experiences of other transit operators before selecting the appropriate technology and preparing the implementation roadmap.

The advances in telecommunication technology, development of new business models in the financial industry to tap the low-value payments market, penetration of mobile phones, growing customer demand, as well as the potential to improve fare revenue collection and operations efficiency is expected to further drive the adoption of open payment systems in the transit sector. There are lucrative opportunities for technology providers; system integrators; ticketing and validation equipment suppliers; smartcard, mobile phone and chip manufacturers; financiers; consultants; workforce development organisations; etc.

The **Global Transit Fare Collection Systems Report 2016** provides updated information on 106 cities that have either deployed advanced fare collection systems, or present significant investment opportunities. This report covers opportunities in both the upgrade of existing systems and the deployment of new systems. It presents key information regarding fare policy, ticket options, fare media, ticketing infrastructure, integration and interoperability, and value-added services. Key contacts for project developers, operators and relevant industry players have been provided.

The report is be available in PDF format and has 936 pages.

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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 proprietory 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 qualititative 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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