# Table of Contents

## NFC MOBILE TICKETING FOR TRANSIT

### 1.1 Current NFC Mobile Ticketing Industry

- **1.1.1 Overview**  
  - Page 6
- **1.1.2 Market size and outlook**  
  - Page 7
- **1.1.3 Standards and certifications**  
  - Page 8
- **1.1.4 Value added services**  
  - Page 12
- **1.1.5 Key issues and challenges**  
  - Page 13

### 1.2 Key Upcoming Trends Influencing Adoption of NFC Ticketing

- **1.2.1 Integration and interoperability**  
  - Page 15
- **1.2.2 Account-based ticketing (ABT)**  
  - Page 16
- **1.2.3 Digitalisation in public transport and ticketing**  
  - Page 17
- **1.2.4 Big data and smart ticketing**  
  - Page 18
- **1.2.5 Mobility-as-a-Service (MaaS)**  
  - Page 19
- **1.2.6 Evolving customer expectations**  
  - Page 20

### 1.3 NFC Mobile Ticketing VS Other Fare Media

- **1.3.1 Comparative analysis of alternative fare media**  
  - Page 22
- **1.3.2 Current deployment of NFC-based mobile ticketing vs other fare media**  
  - Page 26
- **1.3.3 NFC devices for ticketing (wearables, wristwatches, key rings, fobs, etc)**  
  - Page 27
- **1.3.4 Key case studies**  
  - Page 29
- **1.3.5 Future potential for NFC-based mobile ticketing as compared to other media**  
  - Page 31

### 1.4 Recent Developments (12 months)

- **1.4.1 Recent deployments**  
  - Page 35
- **1.4.2 Recent pilot projects**  
  - Page 36
- **1.4.3 Recent contracts awarded**  
  - Page 37
- **1.4.4 Recent partnerships**  
  - Page 39
- **1.4.5 Other recent developments**  
  - Page 40

### 1.5 Outlook and Opportunities

- **1.5.1 Key growth drivers**  
  - Page 42
- **1.5.2 Transit agencies' plans to deploy NFC-based mobile ticketing**  
  - Page 43
- **1.5.3 Potential for NFC mobile ticketing**  
  - Page 46
- **1.5.4 Technology innovation**  
  - Page 49
- **1.5.5 Cybersecurity in NFC-based mobile ticketing**  
  - Page 50
- **1.5.6 Risks and challenges impacting future deployment**  
  - Page 52

### 1.6 Analysis of Regional Trends, Opportunities and Potential

- **1.6.1 North America**  
  - Page 55
- **1.6.2 Latin America**  
  - Page 57
- **1.6.3 Asia Pacific**  
  - Page 59
- **1.6.4 Europe**  
  - Page 61
- **1.6.5 Middle East and Africa**  
  - Page 63

### 1.7 Key Players

- **1.7.1 Overview**  
  - Page 66
- **1.7.2 Profiles of key players**  
  - Page 67
- **1.7.3 Industry outlook**  
  - Page 76