

# Conduent Seamless<sup>®</sup> Transportation System

A universal system for secure, ticketless public transport and service payment by smartphone

This breakthrough universal system is compatible with all mobile phone operators, is easy to install and offers the same security guarantees as conventional contactless ticketing. Travelers can use their Near Field Communication (NFC) and/or Bluetooth Low Energy (BLE)-enabled smartphone on trains, buses, trams and any service that is equipped with Seamless<sup>®</sup> tags.



### Step 1 - Seamless<sup>®</sup> App:

Traveler downloads the Seamless<sup>®</sup> app on their NFC/BLE-enabled phone and registers as a customer.



### Step 2 - Seamless<sup>®</sup> NFC/BLE Tag:

To travel, the user taps their phone on any Seamless<sup>®</sup> NFC/BLE tag. During the tap the tag creates and stores an encrypted transaction. This transaction does not contain any personal or sensitive information. Operators install tags provided by Conduent Transportation on their transportation network.



### Step 3 - Transactions Uploaded:

Seamless<sup>®</sup> tag communicates the encrypted transaction to the Seamless<sup>®</sup> app.



### Step 4 - Transactions Transferred:

Encrypted transactions are sent to the Seamless<sup>®</sup> server when the traveler's phone is connected to the network.



### Step 5 - Payment Process:

Seamless<sup>®</sup> bills the customer at regular pre-determined intervals on behalf of the service provider.