BUSmatick

Recharges Network

RdR is the Busmatick-designed smart card recharge network for passenger transportation.

The RdR system currently has more tan **5 million cards** distributed among our different customers across 15 countries.

How does it work?

Rdr has been implemented bases **on the client-server architecture**, guarateeing the security of the transactions, the centralization of the control and its agile scalability.

The communications between the different equipment and the RdR server are made thourgh an **Internet** connection, simplifying the installation and making the Price of communications really low.

What components do you need?

- **Server RdR:** is the core of RdR. Any operation to be performed by the system must have been previously authorized by the server.
- **RdR clients:** there are 3 types of clients.
    - o **Reloading Points:** these are the points where users carry out the refills of their cards.
    - o **System administration:** from this application will be posible to perform all operations for the perfect management of the RdR. Control of recharges, obtaining statistics, management of recharginf points, etc.
    - o **Clearing Center:** software that alllows the correct distribution of the money obtained in the recharges between the different participating companies.
- **RdR also has portable devices.** These can be used as both, recharge and inspection terminal points. To do this, customers must connect to the server using and Internet connection and request the same keys for the card on which they wish to perform the operation. Once the operation has been authorized and registered in the server, the card is written on the card. When the card has been correctly reloaded, the operation is completed.

Tele Recharge

This module allows the **recharging of our card from any device with Internet connection.** We simply have to connect to the website, enter our transport card number and make the payment.

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Rechargind is carried out over the Internet and sent to the RdR server. This in turntransmits it to all buses in the fleet.

As son as our card is **validated on board the bus**, the recharge will be automatically charged.

Security

One of the fundamental pillars of the R2R system is security. This applies to both cards and communications between the central server and the different charging points.

To use the smart card on board the bus, Busmatick has a wide range of products and solutions withing the **SVV**, validation and sales system.