BSTS

BS BEE URBAN

Smart ticket collection system and public transport supervision and management system.

The system is reliable for users, passengers and reliable for operators.

Main benefits of system:

- Increased income
- Operator cost reduction
- Optimization of operator work
- Billing control
- Preparation of reports
- Easier issuance and use of tickets

The data centre is the central point of the BS Bee urban system and contains:

- Public Traffic Management System.
  This system is a central system for operational work that covers most of the day-to-day management and operation of the public transport system. The functionalities cover parts from work planning, system mode settings to system management and reporting.
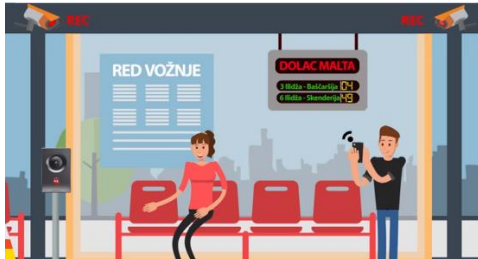
  Modules:

  o Work order management
  o Ticketing server
  o Smart card management
  o Price/tariff management
  o Line management
  o Bank and POS module
  o Clearing and settlement
  o Fleet management
  o Reporting

- BS Husky Public Traffic Monitoring and Control System
  The role of this system is the real-time monitoring of system status. This system is connected to all other parts of the system so that operators have a unified view of the system in one place. This system automates status monitoring in such a way that most alarms in the system will also be displayed on the video wall, which will speed up the reaction to all disputed events.

  Modules:

  o Video Management System
  o SOS Telephony System
  o GPS tracking
  o Device status monitoring

BS Bee Urban supports integration with various station equipment:

- Tripod turnstiles
- Ticket machines
- Passenger information displays
- SOS telephones
- Surveillance cameras

Despite data centre with its modules BS Bee urban consists of:

- Portable ticket control device
- Card validator

   This is a device that passengers will use to register their rides and validate the tickets they use.

   Validator supports the following types of cards:

   - Bar code/QR code
   - Mifare DESFire smart card
   - Contactless EMV card
- Mobile application

   Application is available to end-users on mobile devices to purchase and top up tickets through the electronic payment system.

- Web application

   Web application will be available to end-users to purchase and top up tickets through the electronic payment system.