

## uniPayment

Universal software module for bank cards acquiring in unattended solutions

### Application field

- Banking self-service kiosks
- Ticketing kiosks
- Pre-paid kiosks
- Automated parking and toll roads payment acceptance systems
- Automated Gas stations and a combined-type Gas stations payment acceptance systems
- Self-checkout areas in supermarkets, minimarkets, trade centers, etc.
- Another fields where bank card payments are processed in the self-service mode

#### Key functions

- **EFTPOS** protocol with the ability to interact with a kiosk software via **TCP/IP**, and also in **RS232** emulation mode
- **OEM** equipment support of various manufacturers (**Pin-Pads** and **Card Readers**), connected via **RS232** or **USB**
- Ability to work both with the screen integrated into Pin-Pad and the main screen managed by a kiosk software (not directly, but via a kiosk application)
- **EMV Level 2** support

#### Additional functions

- Communication with the authorization host: direct and en route through kiosk main application
- Ability of the main kiosk application or the other application to access the Card Reader using **PC/SC** interface
- The **Payment module** can operate as several registered **Terminal ID** (including simultaneous work with different processing centers)
- Remote monitoring and software version update (in case of update system feature)

#### Supported OEM–equipment

- Sagem Denmark (BBS Denmark)
- SZZT
- Neuron
- Sankyo
- Magtek

#### Supported protocols

- ISO 8583 (various dialects, including OpenWay)
- SPDH (Base24)
- Auth7 (UCS processing)
- VisaLight (UCS processing)
- IFX (Uniteller processing)

## Purpose and facility

- The **Payment module** is created with the aim to combine all bank card payment logic within a separate application
- The **Payment module** provides the universal payment interface to other devices and applications, regardless the specific character of these devices (**Pin-Pads, Card Readers**)
- The **Payment module** is flexible to be launched on a separate PC and be connected to kiosk main application via **TCP/IP** or **RS232**
- The **Payment module** is an analogue of **POS-terminal** as regards to a kiosk application (or an Electronic Cash Register system) and fully manages the work of **Card Reader, Pin-Pad** and, optionally, printer
- The **Payment module** is a separate application operating in the service mode and can be additionally installed into a self-service kiosk main PC (automated Gas station and parking payment station, ticketing kiosks, pre-paid kiosks, etc.)
- The **Payment module** can operate both in bond with a preprocessing server and directly with authorization host
- The **Payment module** can process authorization requests for the majority of acquirers' processing centers that operate with different protocols
- The **Payment module** supports remote loading scheme for keys loading into **Pin-Pads**

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