

Case study

Hospital



Requirements

Parking system regulating the entry to the hospital area.

The main entry/exit – controls the entry/exit of ambulances, suppliers, patients and selected hospital employees.

The side entry – controls the entry/exit of ambulances, suppliers, selected hospital employees.

Parking system for the car park in front of the hospital area for patients and hospital employees.

Payment of health care fees – 2 automatic machines.

Solution

The main entry /exit

Two lanes – one lane is designed for the entry, the other for the exit; both are set with the GPB barriers.

The entry to the hospital area is set with the entry terminal that issues bar code parking cards. For long-term parking, the system is additionally equipped with contactless card reader (hospital employees, selected suppliers, vehicles of the hospital).

Ambulances control the barrier via a remote control, for other vehicles, the barrier is controlled by the attending staff – communication via the intercom.

The exit terminal at the exit is equipped with a bar code scanner. The system is additionally equipped with a contactless card reader for long-term parking (hospital employees, selected suppliers, vehicles of the hospital).

Terminals are equipped with intercoms to ensure the communication with the car park attending staff.

The side entry / exit

The side entry is equipped with one barrier.

The barrier will be controlled:

- from the post for contactless card readers (hospital employees, selected suppliers, vehicles of the hospital)
- by the intercom (suppliers, ambulances)
- by a remote control (ambulances)

Car park in front of the hospital area

The car park entry is set with the entry terminal that issues bar code parking cards. The terminal is additionally equipped with contactless card reader for hospital employees and other long-term parking drivers. The Vacant/Occupied information display is placed at the entry.

The exit terminal at the exit is equipped with a bar code scanner. The terminal is additionally equipped with contactless card reader for hospital employees and other long-term parking drivers.

Individual terminals control automatic barriers in accordance with the system setting.

Terminals are additionally equipped with intercoms that ensure the communication with the car park attending staff.

Payment

The manual pay station is located at the hospital reception as an alternative place for making payments and, further, for parking fee validation for disabled patients, for solution of complaints, etc.

Automatic pay stations will be placed in the hospital area and in the car park. Automatic pay stations are used for the payments of parking fees via cards. They accept coins and banknotes and return any surplus in coins and, after an extension has been made, also in banknotes (up to two nominal values). The automatic pay station can be additionally equipped with a credit card module for credit card payments (which is conditioned by a relevant contract with a bank and the internet connection). The "Lost Ticket" function is also available within the automatic pay station.

Collection of health care fees

Two automatic pay machines are placed in the hospital area for the collection of legally required health care fees.