

Case study

Residential house



Requirements

- Residential house and parking for 300 users.
- 4 main entries, 1 side entry, entry to the mailbox area.
- Entry to the basement only for owners of basement cubicals.
- Entry to parking spaces in the yard.
- Securing the entry.

Solution

On the outside, each entry (both main and side) is set with a contactless card/chip reader; an electromechanical or electromotoric lock is installed into every door; this lock ensures that the locking barrier sticks out automatically and, in this way, it locks the door safely.

The doors can be unlocked from the outside only via the card/chip with valid authorization or remotely, via a home intercom or a mobile phone through the GSM module. (The system can be extended by the antipanic function for emergency opening for which the inside handle is pushed down – the emergency exit.)

Authorized persons are allowed to enter the basement area via access rights set in the database. The mailbox area can be accessed by a postman via an access medium with selected time interval (e.g. from 8 to 8.30 a.m. daily).

The control unit is placed on the safe inner side of the door – protection against vandals. The GSM module provides remote control and the opening of the entrance via a mobile phone.

The entry to the yard with parking spaces is secured by the automatic barrier. A post with a contactless card/chip reader is placed at the entry. In the narrow passage to the yard, safe entry/exit is solved by a traffic control unit and a semaphore.

The access to the yard for the collection of municipal waste is solved by the chip or card with defined access rights within a predetermined time interval for municipality workers.