Electronic access system

1. <u>Built-in access components</u>

Following access components are installed at the TU Wien:

Online Card Reader

Offline Fittings

The online card readers are located at outside entrances, portal doors and sensitive areas and the offline fittings are located at office or warehouse doors.

When booking at the online card reader, the system checks the validity of the card and ensures theaccess authorisations for the offline fittings for a period of 24 hours.

2. Online Card Reader

Online card reader ready to book

Yellow LED light indicates the operating status.

Booking with access authorisation at the door

The red and green LED lights blink alternately during the booking process. After successful description of the card, the green LED light turns on and a beep is sounded from the card reader. After that, the door lock is released and the door can be opened.

Booking without access authorisation at the door

The red LED light lights up and the card is rejected. The doorlock is not released and the door cannot be opened.

Online card reader Offline fitting

Online card reader ready to book

Operating status is indicated by 3 blue LED lights.

Booking with access authorisation at the door

The first two LED lights shines dark green during the booking process. The access authorisations for the offline doors are written to the card.

If all 3 LEDs light up bright green and a beep is sounded, the transfer of offline authorisations is completed and the door lock is released for a single door opening.

If an orange LED light indicates in the middle, the card has been removed too quickly from the card reader and the permissions could not have been transferred to the card. Hold the card to the card reader again until 3 LED lights light up green again; the door can be now opened.

Booking without access authorisation at the door

The red LED light blinks and the card is rejected. The lock on the door is not released and the door cannot be opened. (Causes: missing access authorisations expired TUCard (visible at the back of the TUCard - "Valid to" date).

Access without using an access card (open permanently)

Three bright green LED lights shining mean that the door can be opened without using a card.

3. Offline Fittings

Entry with no authorisation available on the access card

Red flashing LED light means that the card has no authorisation and therefore the door cannot be opened.

Entry with authorisation available on the access card

If yellow/red light is blinking, the card is authorised and opening process was successful.

A beep sound follows and the door handle is unlocked for a single door opening.

Configuration of the Office Function (opening a door without the card)

To activate the Office function, the card must be held against the reader until two optical/acoustic signals arevisible. The door can be opened without using the card.

To cancel the office function, repeat the describedprocedure.

Automatic locking occurs at 23:00, in case the door isstill in Office mode at this time.

Low battery indicator

Phase 1 - Battery low: If an authorised access card is held in front of the card reader, authorisation is granted (blinking yellow/red). The door opening is accompanied by 5 green flashings of the LED light and a short acoustic signal.

Phase 2 – Battery low: The fitting no longer reacts to authorised access cards and battery must be changed immediately.