

ACCESS CONTROL TIME & ATTENDANCE

THIS MODULE MANAGES ACCESS CONTROL, TIME AND ATTENDANCE, GATES, ZONES, KEYS AND ACCESS TO PARKING.

Manage Person and Card: Manages detail of person, i.e. biographical, contact detail, studies, etc.

- Tokens, and forms of identification other than cards, can also be used, e.g. biometrics, 3rd party cards and pin codes.
- Manages, and gives access to a natural person, not a card
- Comprehensive administration of physical card lifecycle (Issued, Lost/Stolen, Destroyed, Active, etc.)
- Manages stock of blank cards
- Manages payments of cards (e.g. first card free, pay for lost ones)

Manage Link between Person and Infrastructure:

Access rules Access is managed in two ways:

- Group membership (simpler approach): Person has access to this gate because he/she belongs to a certain group
- Expressions (powerful, highly configurable): Person has access because he/she has certain known characteristics known to the system (e.g. resides in a residence, enrolled for a certain course, has no outstanding debt, etc.)
- Group membership and Expression can be combined in any manner.
- Access rules can apply to certain schedules (e.g. working hours only, only weekends).
- Exceptions can be applied to an existing access rule.
- Access rules can also specify the direction (e.g. In / Out or Both).
- Access can be controlled using zones (i.e. rooms, buildings, areas) rather than gates.

Time and Attendance (Tracking)

- Tracking can be based on any device (e.g. RFID zones), not only at gates.
- Depending on hardware, gate or tracking point, activity can be logged to view which people were when where.
- Based on tracking point feedback, any number of actions can be performed (e.g. send SMS when a certain person or persons pass through a gate).

Manage Gates and Zones

- Controls a hierarchy of campuses, buildings, diverse zones, rooms, residences, outside areas and others – all interconnected via gates.
- Manages gate devices and is knowledgeable on the communication protocol it uses.
- Produces access lists in configurable format and publishes to a variety of target gate devices.



Parking

- Manages all parking areas and parking allocations up to parking bay level (if required).
- Customisable list of parking types (e.g. shading, open, basement, etc.)
- Manages payments for parking allocations.
- Access control uses parking allocations and payments to allow access.

Keys

- Manages all keys and issuance of keys to persons.
- Controls costs associated with lost keys.
- Manages returned dates of keys loaned.

