

ACCESS CONTROL

ACCESS CONTROL MANAGES ZONING, PARKING, KEY CONTROL AND IDENTIFICATION.

ZONING:

- Define Zones and Gates: Campuses, parking areas, bays, rooms, buildings, blocks, toilets, offices, lecture rooms, residences
- Define Controlled Access Points (CAP) (a collection of gates) with all its access devices (and its type, e.g. Mifare)
- Define Access Rules based on any criteria known to the system (e.g. 3rd year residence students)
- Or, define Access Rules based on ad-hoc groups of students
- Apply a Rule to one or more zones with schedules, priority, dates
- Define Access List outputs with various formats (e.g. csv) and targets (e.g. Ftp sites, SOA)
- Lists are generated and auto-distributed periodically

IDENTIFICATION:

Natural person or organisation defined only once: associations between persons and organisations are what vary

- One card issued for life
- Full card lifecycle management
- Card stock control : Receive blanks, stock
- Manage Costs of above activities (and interface via SOA)



KEY CONTROL:

- Define Keys per gate
- Issue keys (with optional return dates)
- Accept Returned keys
- Key Register is an online query



PARKING:

- Define Motor Vehicles and owner (may include Natis data)
- Issue Parking Disks per parking area and type of area (e.g. covered, shared)
- Parking Disk Cost accumulates and interfaced via SOA
- Can assign per bay or area
- Manage Costs of hiring bays (interface via SOA)
- Manage Traffic Fines, Appeals (interface via SOA)

