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life safety & security systems

life safety systems

fire detection, alarms and protection

- Fire alarm control panels
- Detectors
- Manual pull stations
- Notification appliances
- Voice evacuation system
- Interface modules
- Graphic display unit & repeater panel

voice evacuation, public address and background music

- Enable integration with other systems such as Building Management Systems (BMS)
- Enhance system reliability through continuous monitoring of lines

security systems

CCTV & video management software
they encompass various applications and technologies, including:

- Special application cameras
- PSIM software
- Traffic monitoring and toll booths
- Perimeter and border control systems
- Law enforcement

access control (identity and security management solution)

- General access control, including authorization and access approval or restriction
- Able to integrate with other systems including fire alarm, CCTV, and BMS

applications for smart compounds - integrated security systems

- Access Management
- Asset management / vehicle management
- Integrated video surveillance
- Indoor navigation and monitoring (people and objects)
- Single configurable identification across all backend applications

intrusion and perimeter detection

- Leading biometric and smart card technologies
- ID readers and location sensors are strategically located at various areas
- Rule based actions (security clearance)
- Automatic identification of people, objects and animals
- Real-time recording
- Detection of motion of people, objects and animals throughout the facility
- Identification and monitoring acts on predefined rules and activated actions
- Sensors located at strategic points throughout the building
- A variety of access rules can co-exist per identity

automatic security bollard systems and barriers
they are utilized to:

- Keep storefronts and building entrances safe from ramming accidents
- Control or guide traffic
- Selectively permit pedestrian access while preventing entry of vehicles

radio-frequency identification (RFID)

- Automatic raising bollards

long range uhf readers

- With UHF tags installed in authorized vehicles, bollards automatically rise
- System is connected via hardwire to the access control system, which communicates with the BMS for home automation for each particular resident

parking management
innovative smart parking solutions utilizing multiple technologies, such as:

- Wireless sensors
- Underground cables
- Fully automated wireless on-street parking
- Billing, inspection and real-time occupancy
- Revenue generation
- Violation enforcement
- Vehicle identification

leak detection
these solutions serve against energy loss, hindered transmission, environmental disasters, and human injuries. they are strongly recommended to protect:

- Data centers
- IT rooms
- Generator and transformer rooms
- Rooms with valuable equipment that may be harmed by liquid leaks
- Voice evacuation system
- Interface modules
- Graphic display unit & repeater panel