

# VEHICLE ACCESS MANAGEMENT



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# VEHICLE ACCESS MANAGEMENT

## KEY POINTS

- Designed to cater to the needs of facilities where parking is allocated to only authorized vehicles such as IT parks, corporate offices, SEZ's, PSU's, government organizations, universities etc.
- Integrated with entrance automation equipment such as Boom Barriers, CCTVs, Video Management, License Plate Recognition (LPR)/Automatic Number Plate (ANPR), RFID Controllers, RFID Long Range Readers, specialized windshield long range tags, smart cards & biometrics to provide hassle-free vehicle management.

## IN PLANT TIME TRACKING

- Enroll and map vehicles, owners, drivers & helpers at various plant check points
- Calculate the number of trips made by vehicles owned by specific contractors
- Useful for billing applications and generally used in mining & manufacturing industries
- Assists in optimizing space & inculcating security
- Flexible reporting interface for generating customizable reports as per organizational audit and compliance needs

## OCCUPANCY CONTROL

- The system helps in controlling parking occupancy by assigning the fixed number of parking bays to every tenant by calculating time & counts of vehicles
- Facilitate in optimizing the parking space & preventing disputes related to it

## PARKING SPACE AVAILABILITY DISPLAY

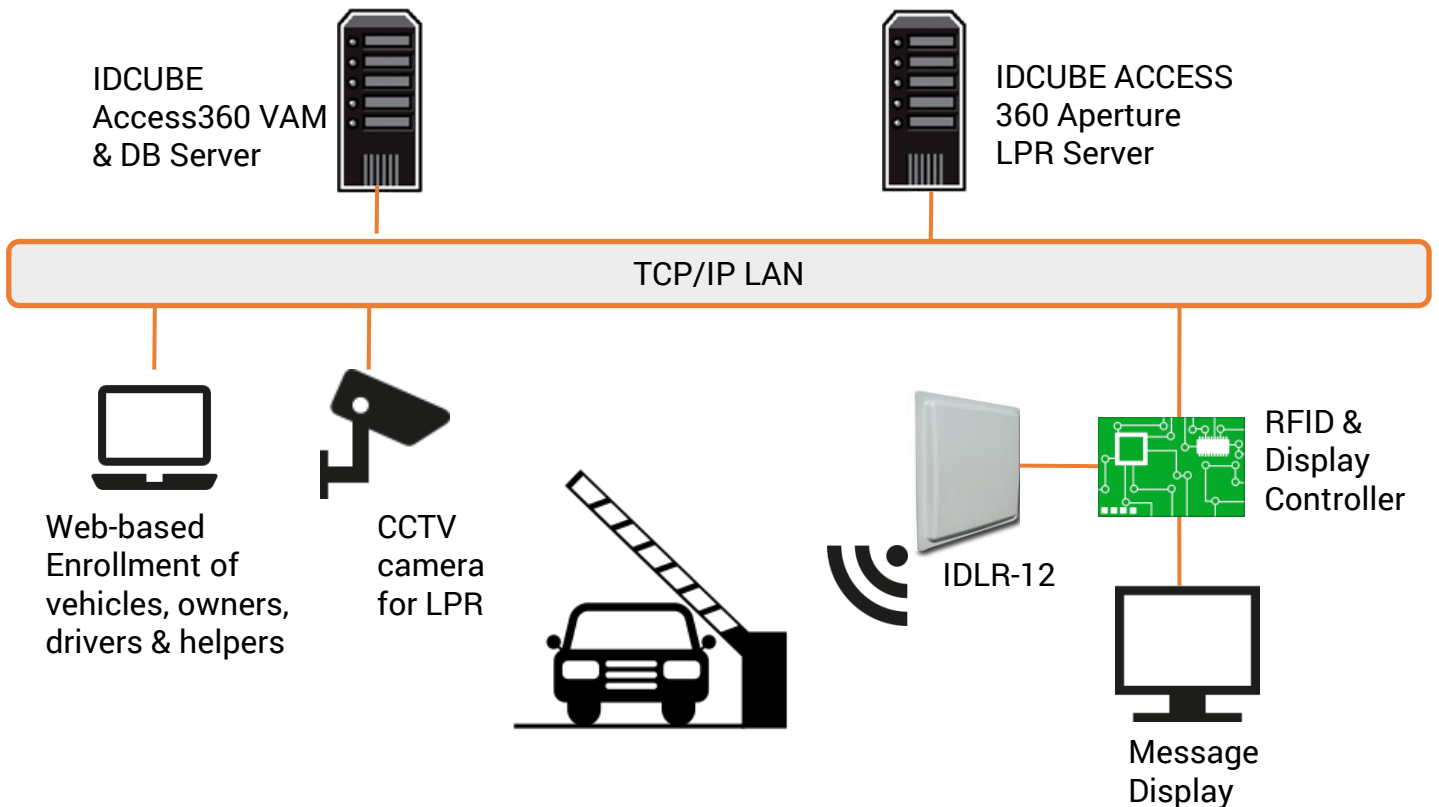
- The system supports graphical signage to display real-time updates, in a control-room or at various check points to indicate the number of parking lots available at various zones for optimal utilization of parking areas

## DUAL AUTHENTICATION

- Allows defining a list of authorized drivers and vehicles. Only a set of authorized drivers may drive authorized set of vehicles and access a facility via checkpoints.
- At each checkpoint, identity of both the driver and vehicle is taken and if both matches then only the vehicle is allowed to enter a secured facility

## INDUSTRIAL RFID TAGS

- Tags are specially designed for the harshest environment, prevalent in mining and energy installations



## SCALABILITY & AVAILABILITY

- The system is scalable to any number of checkpoints and parking lots across multiple locations. It allows accurate and high speed access control decisions utilizing 'IDCUBE's Intelligent Edge Architecture'
- It is centrally monitored and controlled by a user-friendly web-based interface

## TAMPER-PROOF TAGS FOR VEHICLE WINDSHIELDS

- The tags are attached to the vehicle's windshield; the tags can be read from a distance of up to 12 meters for automatic boom barrier control. The tags are electronically clone proof and any attempt of tampering with these tags makes it permanently non-functional

## LPR/ANPR AND VIDEO MANAGEMENT

- License plate recognition (LPR)/Automatic Number plate (ANPR) involves capturing license plate number & image for surveillance and security
- LPR/ANPR works on simple steps:
  - As vehicle enters; its registration number is captured by the camera
  - The number is then processed by a series of algorithms to be converted into a text and is stored in the database record of vehicles which have entered the facility
  - The record is matched with the white-listed and black-listed records of vehicles. A security alert is generated for a black-listed or an unauthorized vehicle



IDCUBE is uniquely positioned as a comprehensive physical security solution provider via its Access360 software suite for organizations of all sizes. The Access360 platform helps in managing personnel access, vehicle access, attendance, visitors, contractors, cafeteria usage, asset tracking, video management, video content analytics, LPR/NPR and more.

We are trusted by large businesses and SMEs across industries. We work with some of the most acclaimed global system integrators and solution providers. IDCUBE's distributor and channel partner network now has over 300 active businesses and this number is growing because of the opportunities our partners see in working with us.



## INDIA

### Corporate Office

B-19, Sector-2,  
Noida- 201301  
(U.P.) INDIA  
Tel. : +91-120-4130715

### Delhi

A-18, Kotla Village  
Extension,  
Delhi-110091  
INDIA

### Bengaluru

#20, 1st floor, 3rd Cross,  
Mallechwaram,  
Bangalore-560003,  
Karnataka, INDIA  
Tel.:+91-80-23564241/42

## UAE

### IDCUBE - FZE

Techno Hub 1 – Office G 042,  
Dubai Silicon Oasis,  
Dubai, UAE  
Tel. : +971-555512541