

RFID CAMPUS AUTOMATION



About Us

ID Tech Solutions Private Limited an **ISO 9001:2015** certified company formerly known as **ID Solutions** was founded in **April 2004** to cater to the needs of Plastic Cards and Smart Cards in the Indian subcontinent.

We are the leaders in the “next generation” of Smart Cards, Plastic Cards, RFID products, Card Printers, Handheld Devices, Time Recorders, Entrance Automation Products Access Control Systems, IT and other customized solutions.

Over the past 19 years, we have grown from a company primarily providing plastic cards to **Smart Cards, Biometrics, RFID products, Entrance Automation Products, Track & Trace Solution & Services**, one with the capability, experience, and expertise to provide customized electronic security management focused solutions and services.

Our experience and strong mission-first work ethic has helped us develop capabilities, insights, and skills that few, system integrators can match.

ID TECH IN NUMBERS

19

19 years of
Manufacturing

150

150 million Secured
Identities Provided

1

Largest Seller for
RFID Tags In India

10K

RFID Devices Sold In
India

30K

Boom Barriers Sold
Till Date

7

7 Offices In India

3K

3000+ Customer Base

200

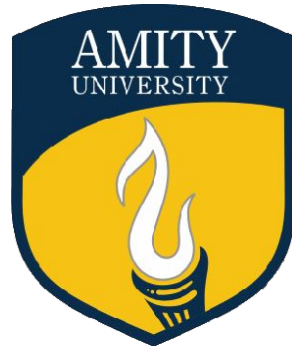
200 employees PAN
India

Government Clientele



and many more...

Private Clientele

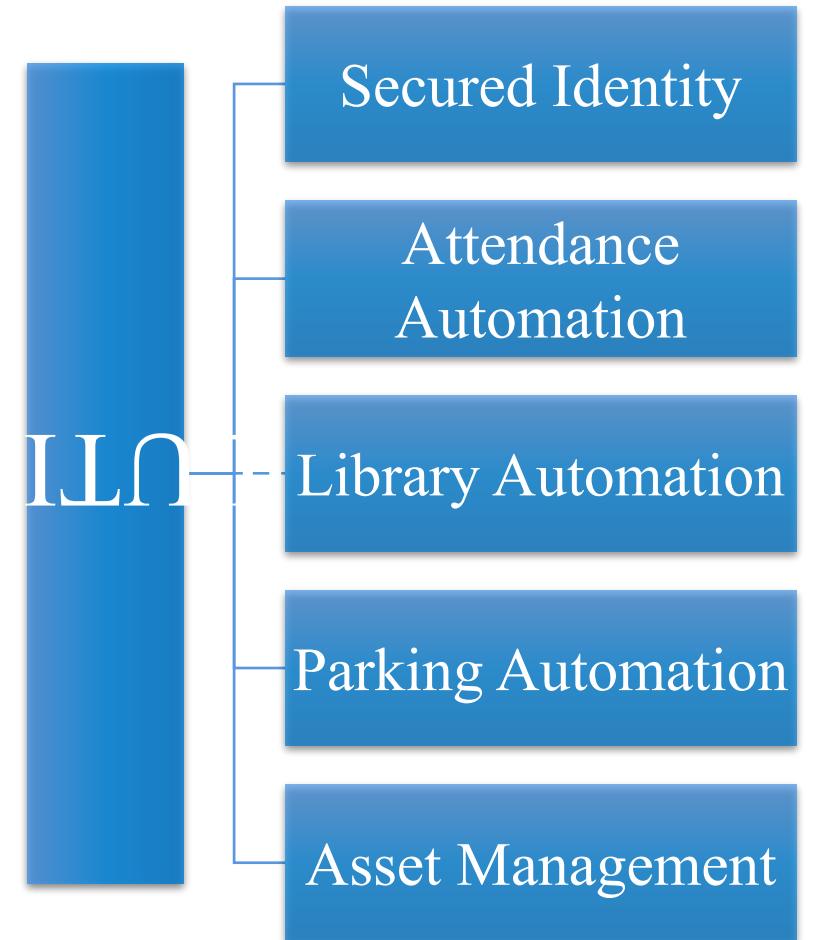


and many more...

RFID Campus Automation: Solutions Offered

At ID TECH, our expertise extends to crafting a suite of comprehensive **campus automation solutions, encompassing library automation, attendance automation, parking automation, and more.**

Our solution promises to decrease the burden of management team, enabling them to get involved in other activities.



Secured Identity in Campus Automation

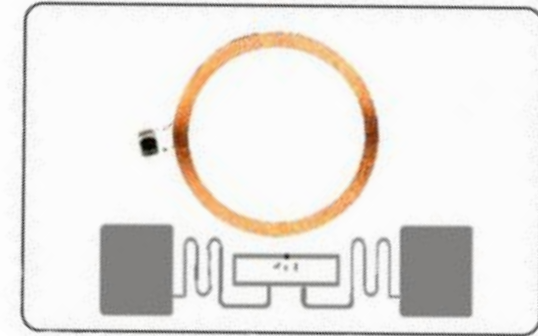
Importance of secured identity in campus environments: Securing access to campus facilities, resources, and information is paramount for safety and privacy.

Maintaining a robust identity management system ensures only authorized individuals gain access.



RFID Smart Card

- **Smart cards as a solution for secured identity management:** Smart cards offer a reliable and efficient means of managing identities within campus environments. By integrating RFID technology, smart cards provide a secure and versatile solution for access control, attendance tracking, and other identity-based applications.
- Utilized for library access, parking, hostel, and attendance management and more.



Plastic and RFID Smart Cards



**Plastic Cards:
Durable Identity
Solutions**



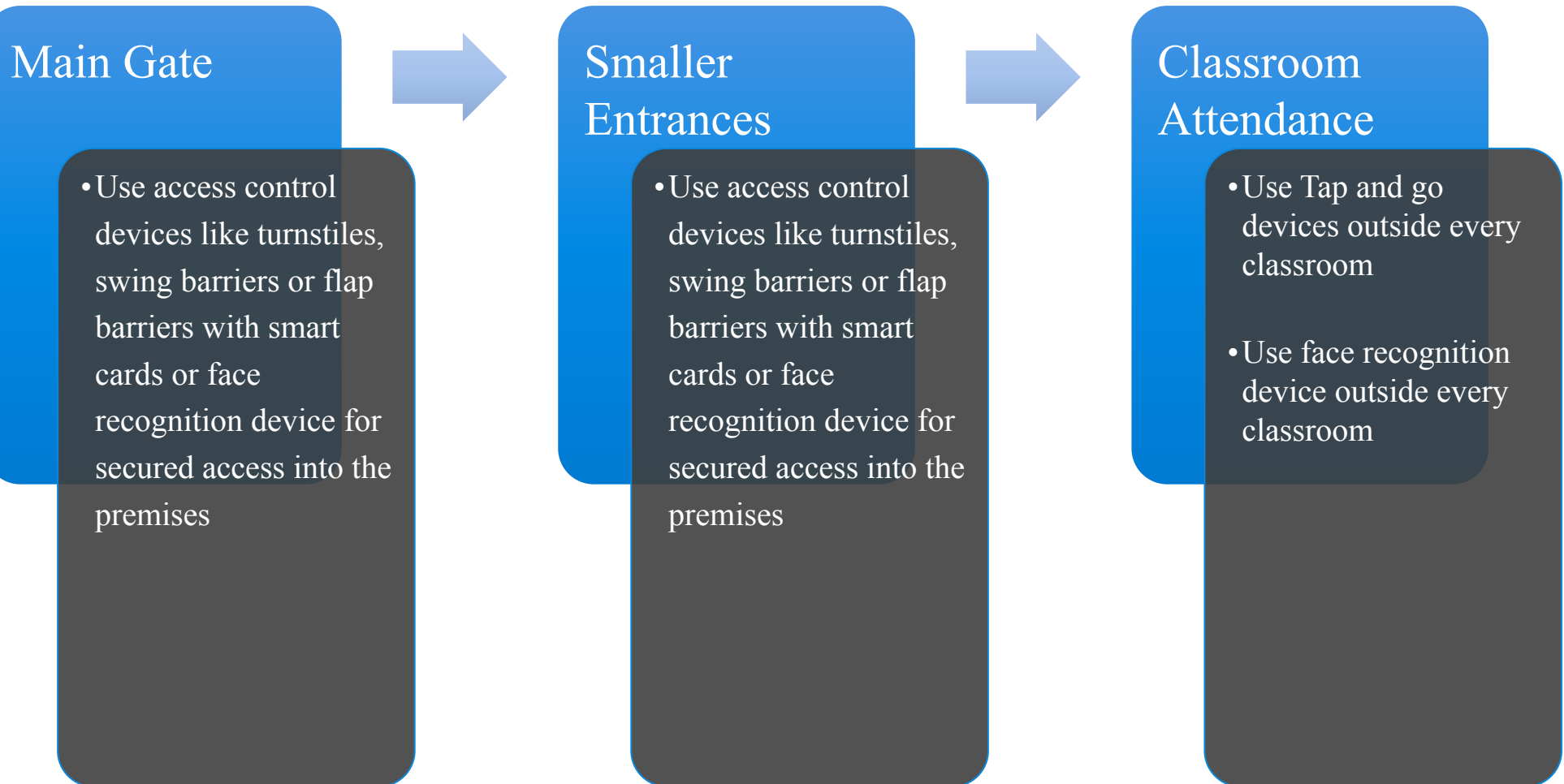
**HF Cards:
Reliable Access
Control**



**Hybrid Cards:
Flexibility and
Interoperability**

Attendance Automation

Attendance Automation



Main Gate Attendance Using Flap Barrier with smart cards or face recognition device

- Ensure controlled entry and exit at the main gate.
- Prevent unauthorized access and ensure only authorized personnel enter.
- For attendance, students can swipe their high-frequency ID cards for quick access or use AI-based facial recognition for touch-free marking.



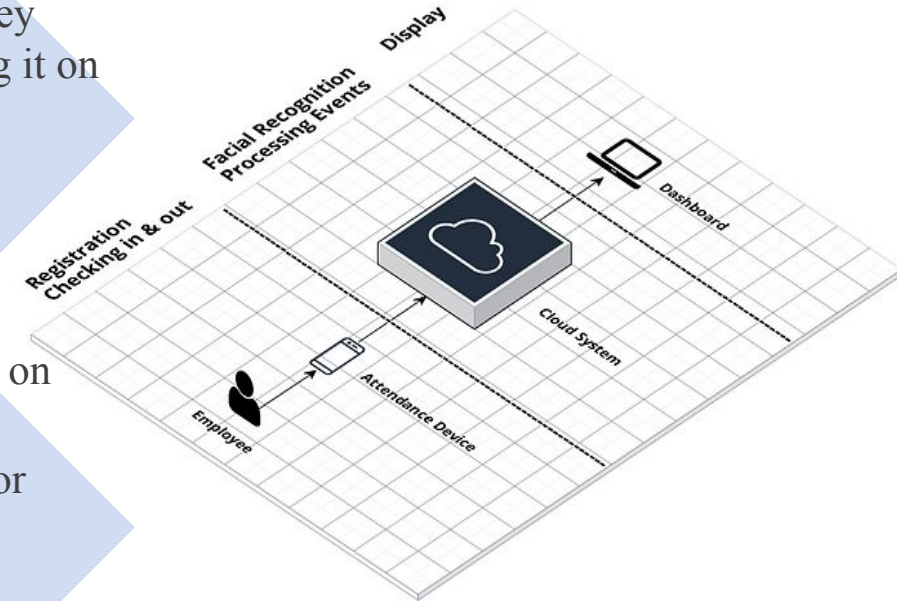
Classroom Attendance Using AI Based Face Recognition System

Student Face Capture for Attendance

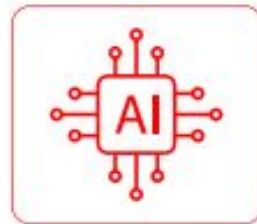
- Facial recognition devices installed in the classroom capture students' faces as they enter, marking attendance and updating it on the server.

Real-time monitoring

- The system provides real-time updates on student attendance status.
- Immediate notifications for absentees or unauthorized persons.



IDT Facial Recognition Device



AI Based



Mask Detection



Live Detection



Cloud



Touch Screen



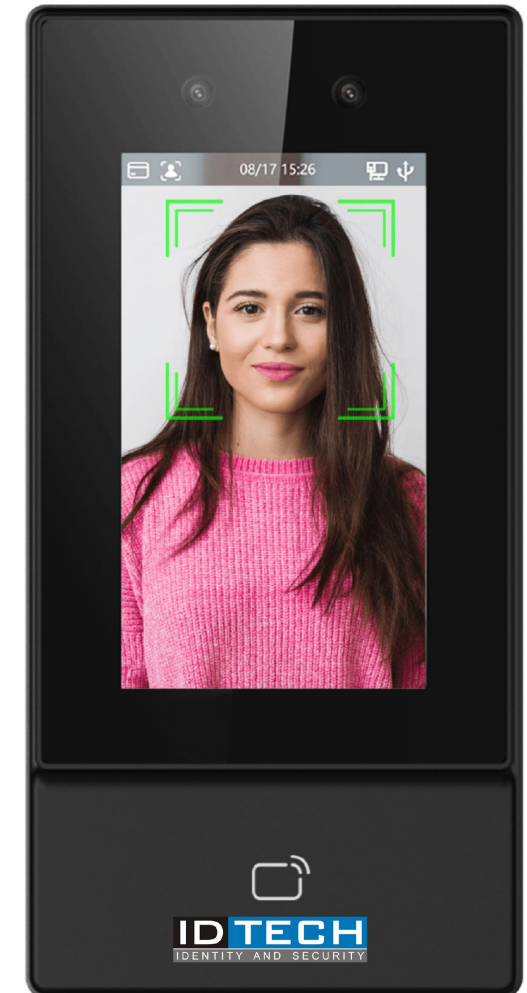
WDR



IP65 Rating



MultiFace



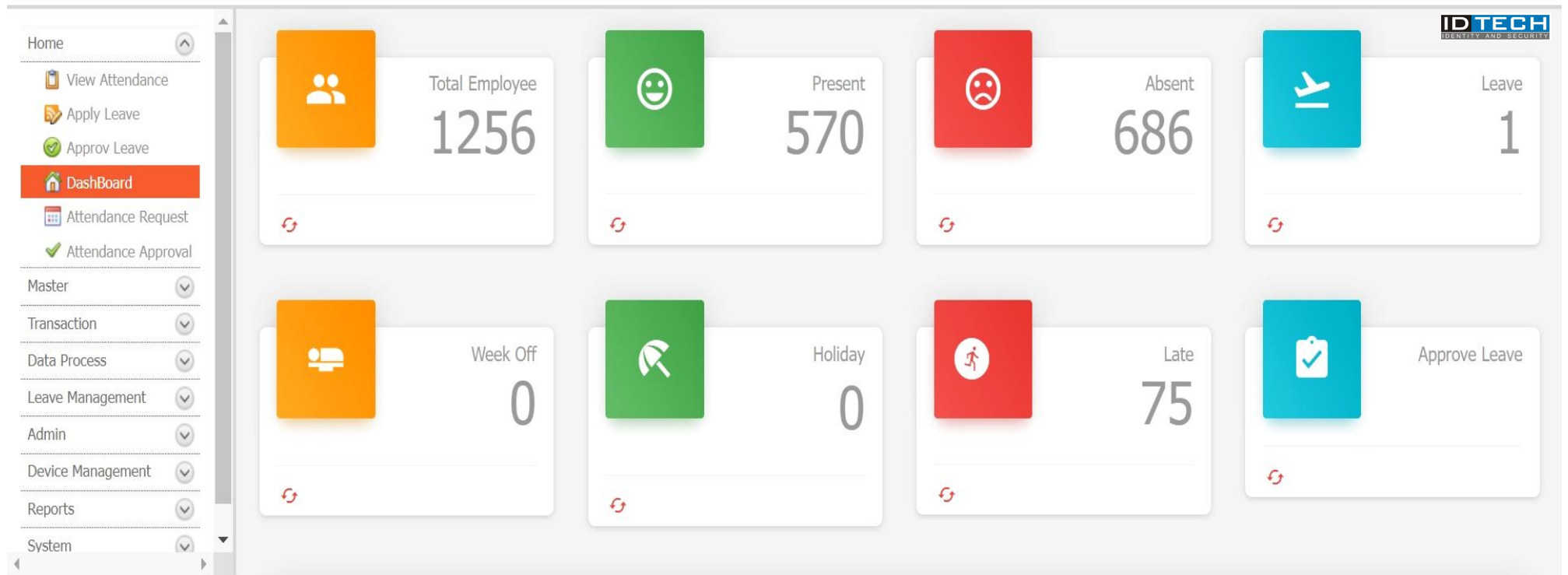
Device Features

- AI-Based Device for Enhanced Performance, Swift Data Processing, and Robust Face Recognition.
- On-the-Go Face Recognition with Minimal Processing Time, Operating up to 3m Distance.
- Completely Contactless Biometric Device with Live Face Detection.
- Impressive Capacity: 6000 Faces and 50000 Event Storage.
- Reliable Battery Backup: 3-4 Hours of Continuous Operation.
- Multiple Communication Options: GPRS, TCP-IP, USB.
- Local Data Storage during Network Failure, with Automatic Upload upon Restoration.
- Compatibility with Various External Access Control Devices.



Software Solution

Welcome JNNH
[[Log Out](#)]



Live Dashboard: Web Application

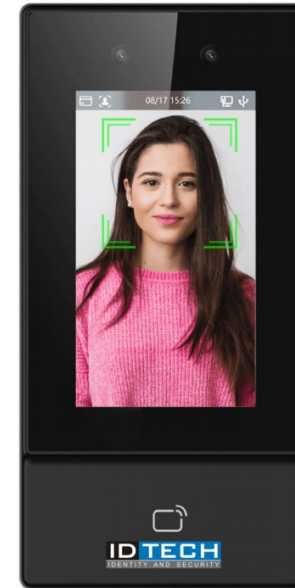
Key Hardware Components (Attendance Automation)



Smart Card for Secured Identity



Swing Barrier



IDT Facial Recognition Device



Turnstile Gate

and more.....

Library Automation

RFID Based Library Automation



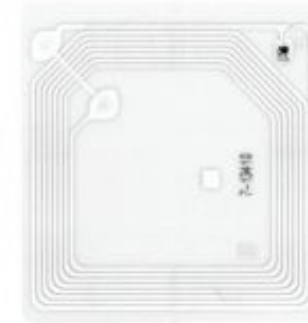
Key Hardware Components (Library Automation)



HF Anti-Theft
Gate Reader



HF Staff Station



HF RFID Label



HF Cards

and more.....

Key Hardware Components (Library Automation)



Self CheckIn/Out
Kiosk



Book Return
Shelf



HF Handheld
Antenna

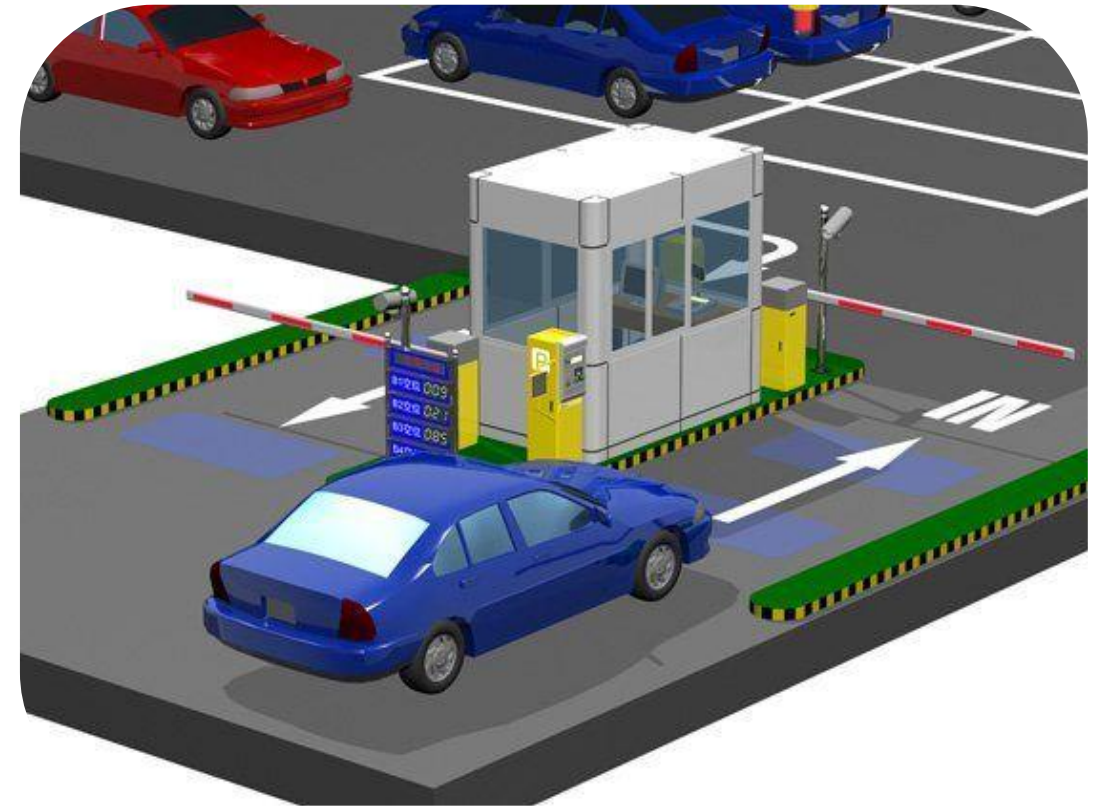


HF Handheld
Reader

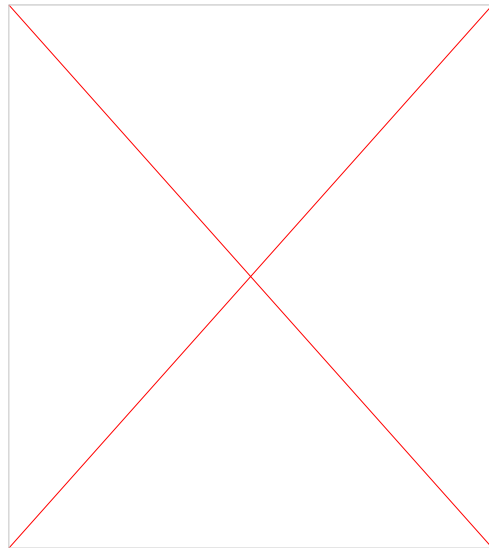
Parking Automation

Parking Automation

- RFID parking management allows instant vehicle access.
- No need for manual intervention or keypad inputs.
- Approach the gate, RFID authenticates, and gate opens.



Key Hardware Components (Parking Automation)



Boom Barrier



FASTag



UHF RFID Fixed
Reader



Windshield Tag

Asset Management

Asset Management

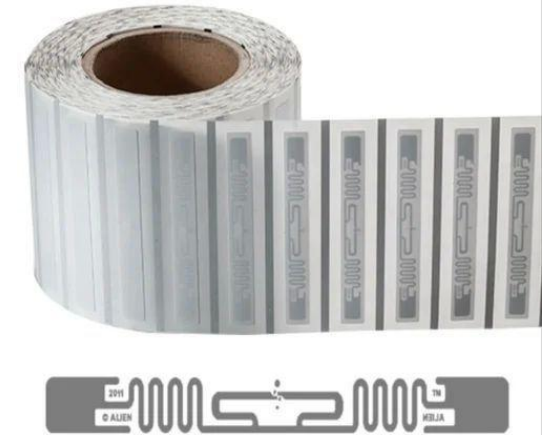
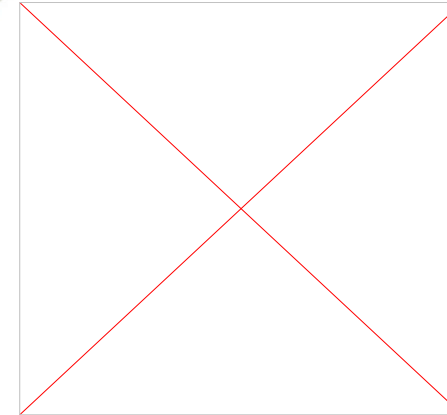
- Managing assets in education involves various items: classroom furniture, computers, laboratory equipment, etc.
- RFID Tagged Assets can be identified and tracked on a weekly/monthly basis.
- Audit reports generated from RFID tracking provide valuable insights for efficient asset management.



Key Hardware Components (Asset Management)



RFID Hanheld
Reader



RFID Tags for
different Assets

Benefits of Smart Campus Automation



Enhanced Security: Controlled access in canteen, gym, hostels etc.

Real-time Attendance Monitoring: Centralized system to monitor attendance of both students and employees.



Time Savings: Swift entry processes for authorized personnel, reducing waiting times.

Parking Automation: Efficient entry management of students & employee in campus.



Why Choose ID Tech?

Quality Hardware



We are the leading manufacturers for RFID & Entrance Automation.

Experience



We have been providing innovative solutions to multiple industries for over two decades.

Warranty



We stand behind our hardware, software and systems.

Versatile Software



Versatile software that can be customized to adhere to the needs of industry.

Global



We have installed multiple systems at various locations and hence can handle any need.

Tech Support



Our Experienced Technicians are available 24x7.

***THANK
YOU***



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