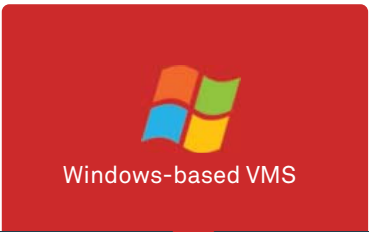




# Visitor Management System Comparison Chart








## System Architecture

	timeTec	ingress	Windows-based VMS
System Application	✓ Cloud-based software	✗ Web-based software	✗ Windows based software
Server	Amazon server	Self-hosted server	Local server
Database Storage	Amazon server	Self-hosted server	Local server
Single vs Multi Companies	Single or multi companies	Single	Single
Support Multi Company Profiles	Yes	No	No
User Profile Data Fields	✓ Customisable	✗ Fixed	✗ Fixed
Multi Levels Access	✓ Yes	✗ No	✗ No








## System Deployment

	timeTec	ingress	Windows-based VMS
Visitor Registration Panel	✓ Tablet to install App	✗ Any PC connected to the server	✗ Local PC with software installed
Hardware Installation and Maintenance	✓ No	✗ Yes	✗ Yes
Software Installation and Maintenance	✓ No	✗ Yes	✗ Yes
Software License Management	✓ No	✗ Yes	✗ Yes
Database Installation and Maintenance	✓ No	✗ Yes	✗ Yes
Internet Connection	Yes	Yes	No

## System Integration

 Integration with OCR system	Yes (see remark 1)	No	No
 Integration with LPR	Yes (see remark 2)	No	No
 Integration with Surveillance Camera	Yes (see remark 3)	Yes	Yes
 Integration with Physical Access Control System	Yes (see remark 4)	Yes	Yes
 Integration with Elevator Control System	Yes (see remark 5)	No	No

## Visitor management

 Pre-Registration	Yes	Yes	Yes
 Walk-In Registration	Yes	Yes	Yes
 Invitation	Yes	No	No
 Access Credentials	QR code, password, face recognition, and mobile app. (see remark 6)	Card	Card
 Visitation Records	Yes	Yes	Yes
 Blacklist Visitors	Yes	Yes	Yes
 Visitation Approval	Yes via mobile app (see remark 7)	Verbal communication	Verbal communication

## Reports

 Total Reports	2	5	6
---	---	---	---

Last updated: 23/05/2019

### Remark

- 1 i-Vizit App has to be installed on a tablet to become visitors' check in/check out station. It has a built-in OCR feature that functions to take photos and capture the visitors' identity from the provided identity card such as National ID, driving license or passport. i-Vizit App has to be installed on a tablet to become visitors' check in/check out station. It has a built-in OCR feature that functions to take photos and capture the visitors' identity from the provided identity card such as National ID, driving license or passport.
- 2 TimeTec LPR is a license plate recognition system installed onto a local computer, and connected to TimeTec VMS. Via TimeTec VMS, an Admin can create visitor profiles that are linked to vehicle license numbers. When any of the authorized vehicle approaches the designated barrier gate(s), the local TimeTec LPR would read its license plate to grant immediate access.
- 3 Epicamera is a cloud-based surveillance camera system designed to store footages from IP cameras. This solution has been integrated with i-Vizit App to monitor visitor checks in or out. The IP camera can take a photo and link the photo to the visitation records, which can be reviewed under TimeTec VMS.
- 4 TimeTec VMS supports IoT access control devices, QR Master, Face Master and TimeTec BLE-2. Hence, visitors can scan the QR codes or faces (for pre-registered or invited visitor) at the QR Master or Face Master to be authenticated either at the local QR Master or Face Master, or at a server. The QR Master or the Face Master controls the access to the TimeTec BLE-2 and it will unlock door/gate/turnstile when authentication is successful.
- 5 Similar to Remark 4. The QR Master or Face Master is installed inside a lift together with TimeTec BLE-16. When a visitor gets verified by either QR code or a face, the TimeTec BLE-16 will respond and carry the car to the designated floor.
- 6 TimeTec VMS is using a QR code or a face as an access credential. Whenever a visitor is approved by the host (pre-register, walk in, invitation), the system will send a QR code to the visitor's mailbox, which can be used to verify at the QR Master to gain entry/exit.  
  
The system supports Anti Passback at all access points. If the visitor distributes his QR code to other people, the system will reject another entry when the QR code has already been checked-in by someone else.  
  
The same mechanism works on the Face Master. The only difference is, the visitor will only send a face picture to the admin. The Admin then can upload the photo to server and to the Face Master for authentication during arrival.
- 7 All visitation requests (pre-register or walk-in) are sent to the host's mobile app. Only the host can approve the requests. However, the approval rules can be customised to suit the office visitation rules.