Contents

Face Terminal Promotion Subject

HIKVISION

HIKVISION®

01.

Background Analyze

1.1 Why Face Access Control

1.1 Why Face Access Control

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	Card	Fingerprint	Face
Speed	<0.5s	<1s	<0.5s
Distance	<10cm	contact	<1m
Accuracy	100%	99.99%	99%
		Cannot for damaged fingerprint	
Efficiency	▰▰▰▱▱	▰▰▰▰▱	▰▰▰▰▰
	Easy Drop		Perfect

Less than half second recognition speed, verify with a glance!

Especially for crowded

1.1 Why Face Access Control

HIKVISION®

	Card	Fingerprint	Face
Single Verification	Copy Card Risk	Fake Finger Risk	Fake Face Risk
Multiple verification	Card, Password	Fingerprint, Card, Password	Fingerprint, Face, Card, Password
Security	■■■□□	■■■■□	■■■■■

Single Verification all has risk, face device can provide the best multiple verification solution

HIKVISION

02.

Five Application Scenarios

2.1 Access Control Scenarios

For traditional access control applications, such as office, government building, education, factory…face terminals were not as popular as card or biometric system because of algorithms, light, and price. Nowadays the thing start to change, When face device become mature, it will provide a more convenient scheme for the traditional access control system.

Office

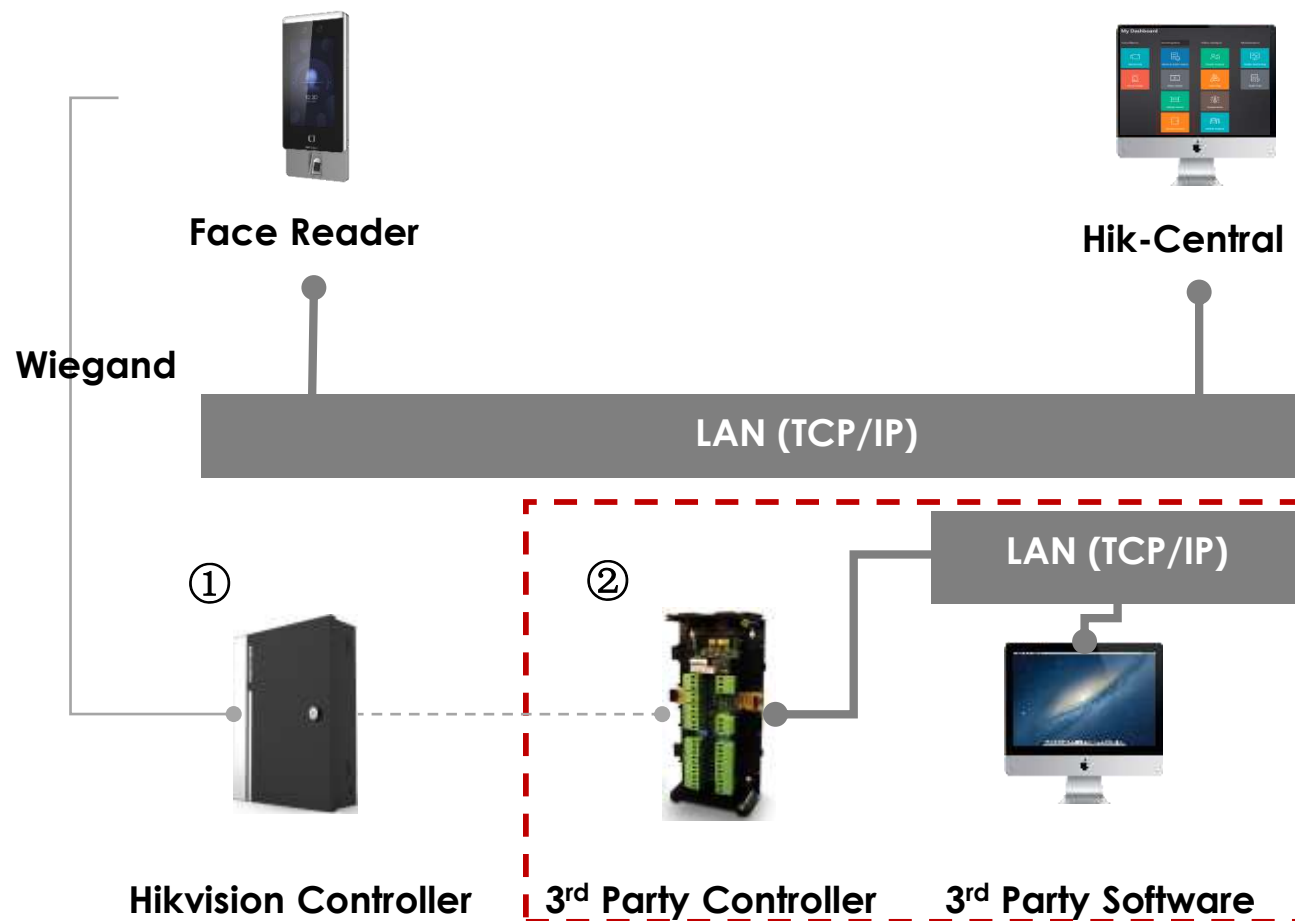Government

Education

Factory

It is also a very suitable way of system upgrading. Brings more convenient and efficient solution to replace finger and card.

2.1 Access Control Topology

HIKVISION®

Hikvision Face Terminal can be work as face reader, connect to controller via standard wiegand34 output.

①: Hikvision Controller with Reader, worked with hikvision software IVMS4200 or Hik-Central

②: 3rd Party Controller with hikvision Reader, Controller worked with 3rd party software, and face reader require hikvision software to sync data. While the data transfer between reader and controller will via standard wiegand34 bit.

Face Reader

Hik-Central

Wiegand

LAN (TCP/IP)

LAN (TCP/IP)

①

②

Hikvision Controller

3rd Party Controller

3rd Party Software

1. Hikvision Face Access Control

Face Reader   **Hikvision Controller**

2. Existing System Upgrading with Face

Face Reader   **3rd Party Controller**

HIKVISION®

Upgrading the existing biometric Reader!

Face Replace Finger

For elder or workers whose finger damaged cannot use fingerprints

Face Replace Card

Fast and Convenient Solution, Allow multiple verification

2.2 Time Attendance & Payroll Scenarios

HIKVISION

In most office, government, school and factory scenarios, customer require to obtain access control records, and make attendance shifts.

Occasionally, attendance also will be required to further calculate to payroll system.

Office

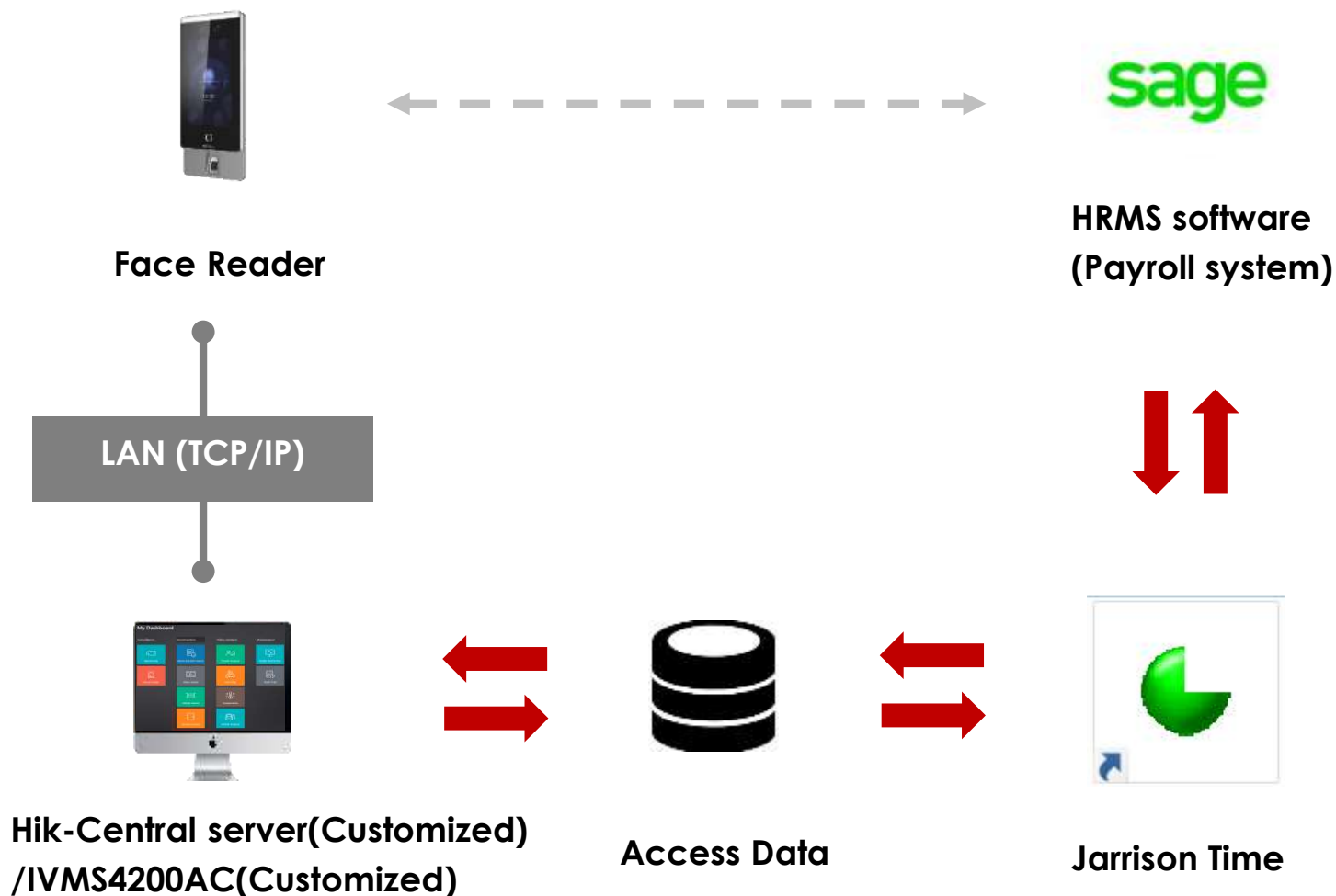**Government**

Retail

Factory

2.2 Time Attendance & Payroll Topology

HIKVISION®

Hikvison can provide time attendance by IVMS or Hik-Central, but for payroll it is suggested use Jarrison system.

Customized Hik-Central or IVMS4200AC version which work with Jarrison Time are available in FTP：ftp://ftp.hikvision.com/000--Basic%20Product%20Materials/03--Product%20Firmware/03--Acess%20Alarm/01--Access%20Control/05-Jarrison%20Time/

Face Reader

LAN (TCP/IP)

sage

HRMS software (Payroll system)

Hik-Central server(Customized) /IVMS4200AC(Customized)

Access Data

Jarrison Time

2.2 Time Attendance & Payroll Solution

HIKVISION®

1. Hikvision Time Attendance Solution

Face Reader **+** Hikvision Software

2. Payroll Solution

Face Reader **+** Jarrison Systems

sage

Face Reader **+** 3rd Party Software

2.2 Time Attendance & Payroll Highlights

Automatically generate data!

Background Server

Automatically generate data only need hikvision software service running

Real time logs

Real-time access logs picked up by Jarrison Time

2.3 Entrance Scenarios

HIKVISION®

It is greatly underestimated for face reader which works in the entrance and exit. In fact, Hikvision face reader allows up to 1 meter recognition distance and less than 0.5 seconds recognition speed , which means driver can very easily pass through the boom gate even without rolling down the window.

Matching vehicle license plate with users is also a very common requirement, which Hikvision can bring ANPR camera together with face reader to be a very powerful solution.

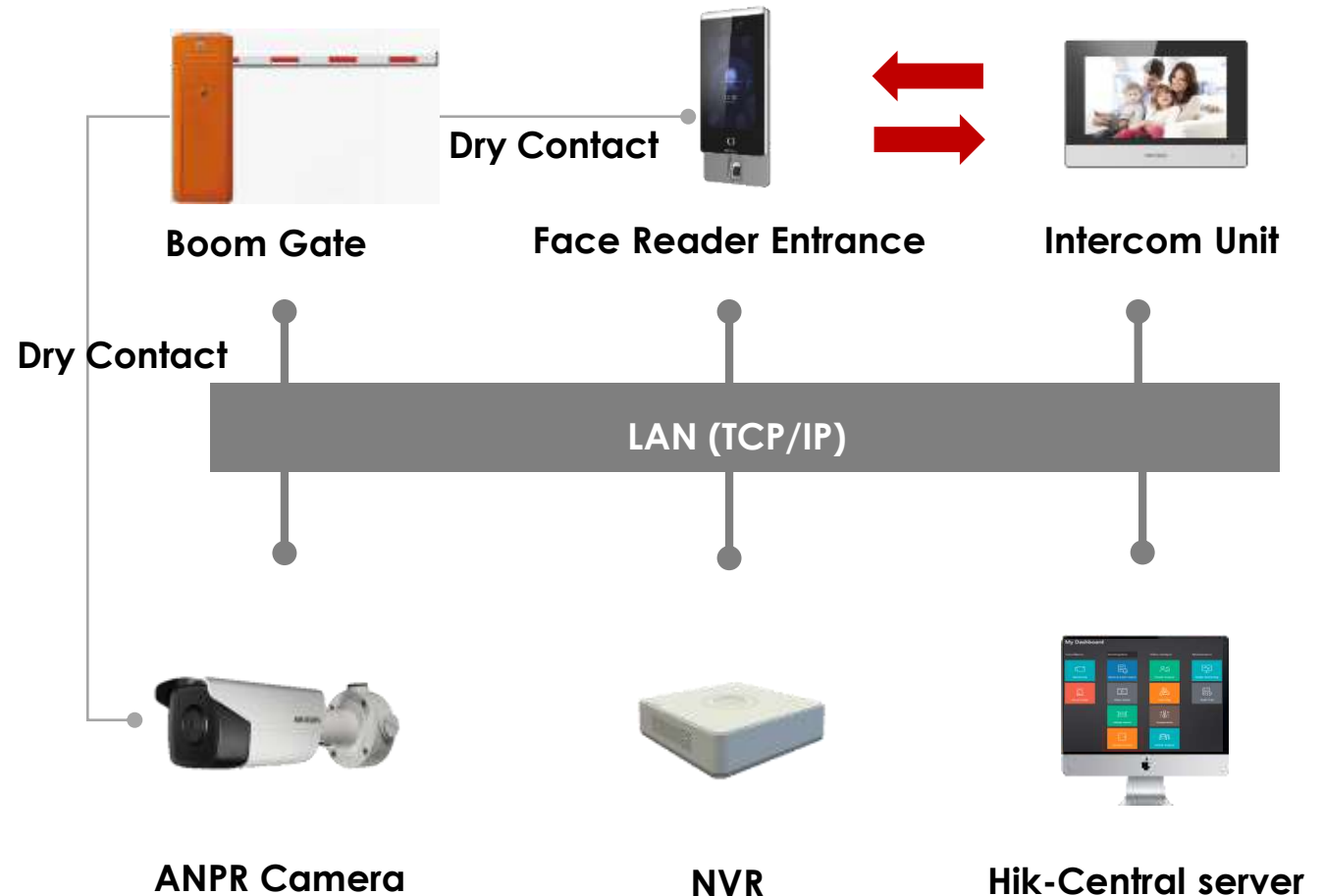Entrance of Residential

Entrance of Parking

2.3 Entrance Topology

Hikvision Provide a combination verification method for driver and vehicle management.

Making Series or Parallel Circuits will possible for the requirement of driver + vehicle verification or driver/vehicle verification.

Extra indoor monitor will be placed in security guard house in order for visitor calling, and NVR can live view and recording the face reader as well.

Dry Contact

Boom Gate

Dry Contact

Face Reader Entrance

Intercom Unit

LAN (TCP/IP)

ANPR Camera

NVR

Hik-Central server

HIKVISION®

Entrance Total Solution—Access Control + ANPR

 + **+** **+**

Face Reader   **ANPR Camera**   **Intercom**   **NVR**

2.3 Entrance System Highlights

HIKVISION®

NVR Recording

Face Reader camera can be added to NVR. Without extra cam!

Scan Face in the Car

With 1 meter recognition distance, driver can stay in car

Scan face without rolling down the window !

Driver & Vehicle

Driver + vehicle verification or driver/vehicle verification

Call Center

Call Security Room when visitor coming

HIKVISION®

Residential

Hospital

Residential community and hospital are common video intercom scenarios.

Face devices can also be promoted around scenarios that focus on video intercom function.

Different from the traditional button-call intercom device, the face device can provide more methods to open the gate and bring luxury feeling of the residential.
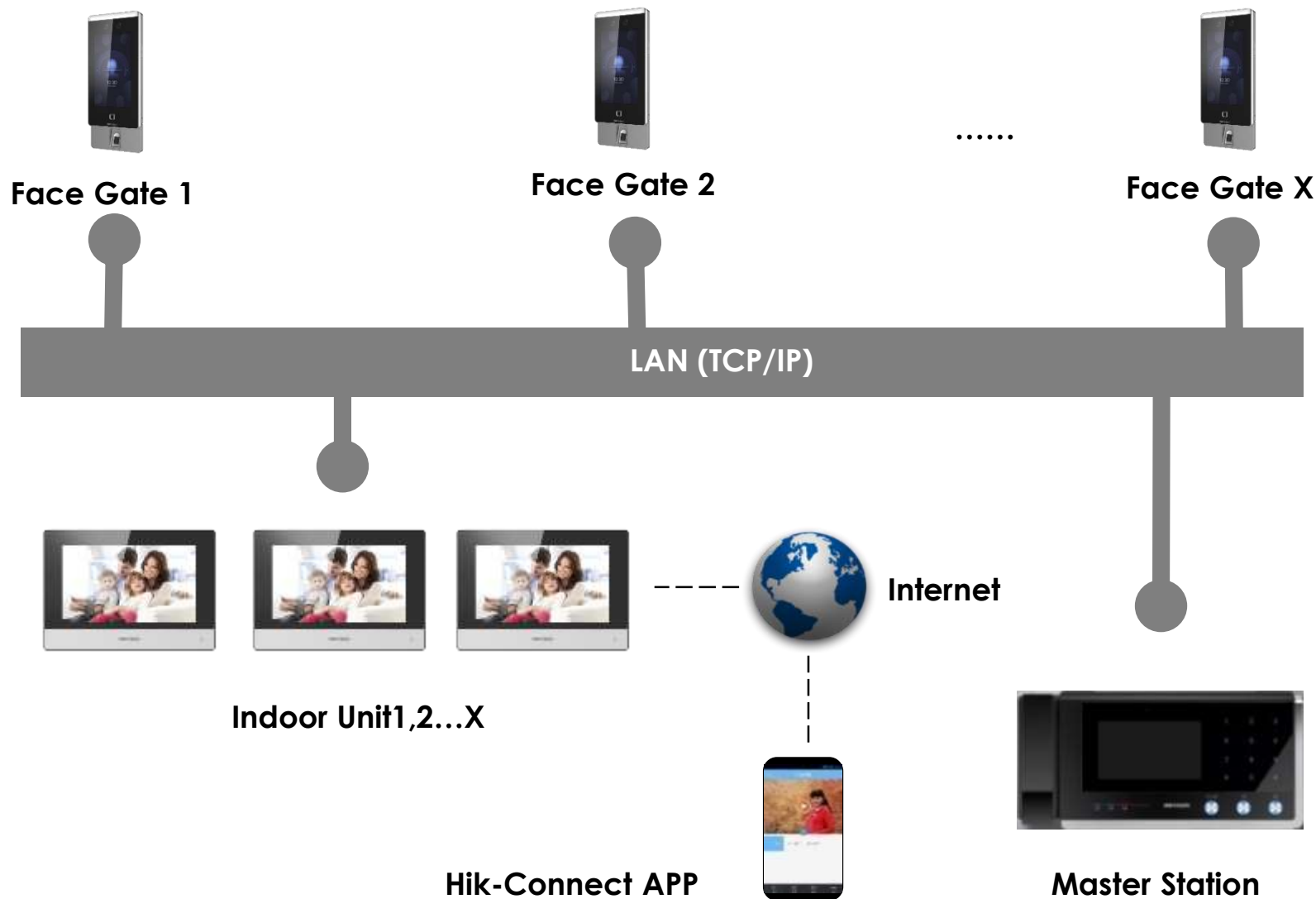
2.4 Community Intercom Topology

HIKVISION

DS-K1T607 also support dial to indoor unit with virtual keypad.

Both Gate Station and Indoor Unit are able to support extension mode. Which bring the solution suitable for whatever small villa to large community.

With Hik-Connect APP, household will be able to monitoring and receive calling at anytime anywhere.

Face Gate 1

Face Gate 2

......

Face Gate X

LAN (TCP/IP)

Internet

Indoor Unit1,2…X

Hik-Connect APP

Master Station

2.4 Community Intercom Solution

HIKVISION

1. Face Villa/Hospital Solution

Face Reader + **Intercom** + **Mobile APP**

2. Face Community Solution

Face Reader + **Intercom** + **Master Station** + **Mobile APP**

HIKVISION®

Support 500 indoor station by single face station!

Inter Call
Indoor station can inter communicate to each other

Mobile Call
With Hik-Connect Mobile App, receive calling at anytime anywhere

2.5 Visitor Management Scenarios

HIKVISION

In most office, government, retail or a commercial building like these, there's a lot of demand for visitors management.

The characteristic of visitor system is that visitors required special permission period and need regular and timely information synchronization. Software architecture is very important.

Office

Government

Hotel

Factory

HOTEL ★★★★

2.5 Visitor Management Solution

HIKVISION

1.Visitor remotely registered by mobile

Face Reader + WizzPass APP + Visitor Management system

2.Visitor locally registered by Terminal

Face Reader + WizzPass Terminal + Visitor Management system

HIKVISION®

Support 500 indoor station by single face station!

Online-register

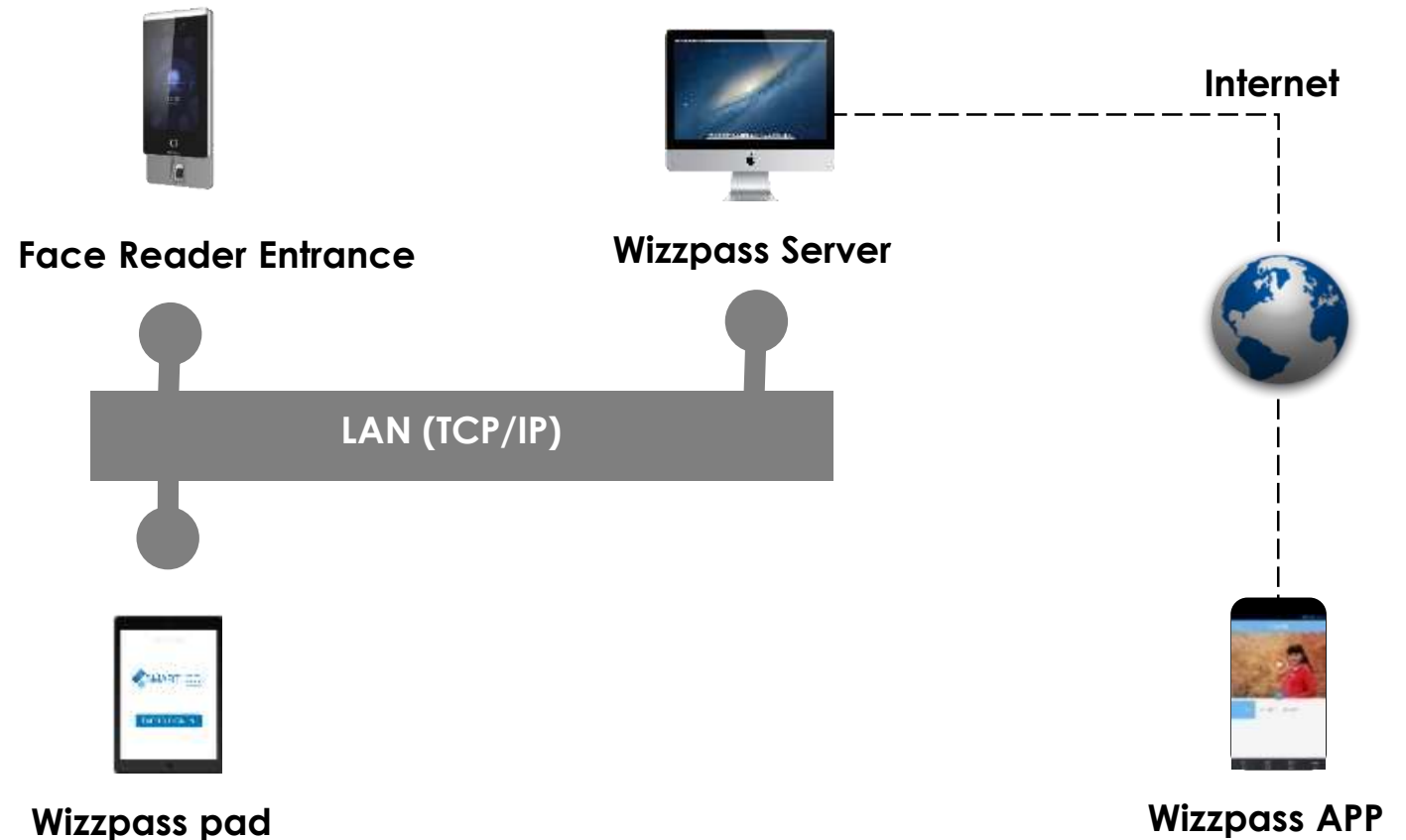Pre-register by phone, you will be allow to access location and time

Desk Check in

Or you can check in by front desk device and get permission immediately

2.5 Visitor Management Topology

HIKVISION

WizzPass provides a variety of Visitor Management solutions for stand-alone corporate offices, industrial & manufacturing facilities, mines, depots and refineries, as well as multi-tenant office buildings, office parks and residential estates.

Wizzpass system be able to visitor booking, check-in, Real-time Dashboard, sync data, Notifications, check out…

Face Reader Entrance

Wizzpass Server

Internet

LAN (TCP/IP)

Wizzpass pad

Wizzpass APP

HIKVISION®

Thanks for Watching !