

SOYAL[®]



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ACCESS CONTROL SYSTEM

WWW.MAG.COM.MY

Content

You can feel peace of mind knowing that the safety of your building's user is assured with our total access security and automation solution. By choosing the right gate access control system, it will effectively filter out all **"BAD people"** and only allow **"GOOD people"** to go in. This could help eliminate 90% of the potential security threats in the building. You can easily control who can enter where at what time using card, pin or fingerprint from our simplified software interface. Your business inventory, valuables and confidential asset can be well secured.

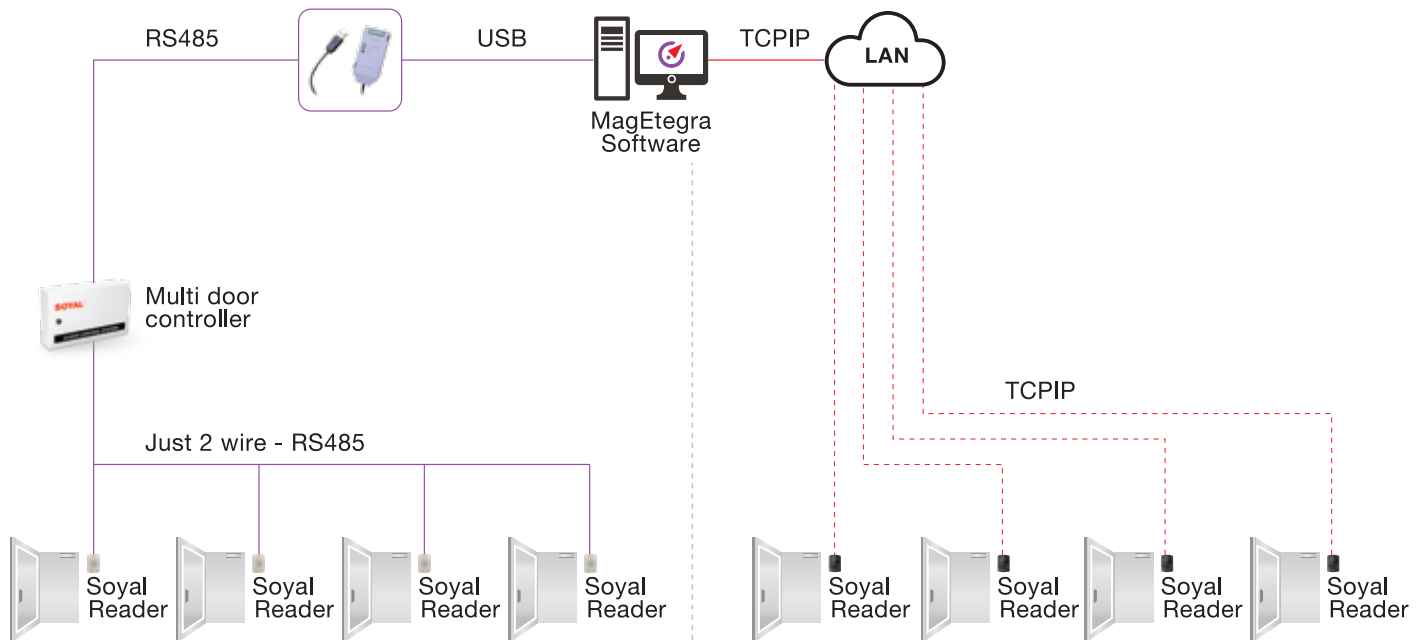
7 reasons why you should choose SOYAL access control system:

- 1 More flexible.
- 2 Easier installation and maintenance.
- 3 More affordable.
- 4 Wider choice of reader.
- 5 Extended functionality with MagEtegra software.
- 6 Extended connectivity with MagEtegra software.
- 7 Faster technical support, warranty and repairing service.

1

More flexible

SOYAL flexible architecture support mixture of RS485 and TCPIP to suit any site condition. **RS485** save wiring cost by allowing multiple readers to be looped using 2 wire only up to 300m-1000m distance. **TCPIP** offer the convenience for future expansion where each reader just have to connect to nearby available network point.



- Save money in current project

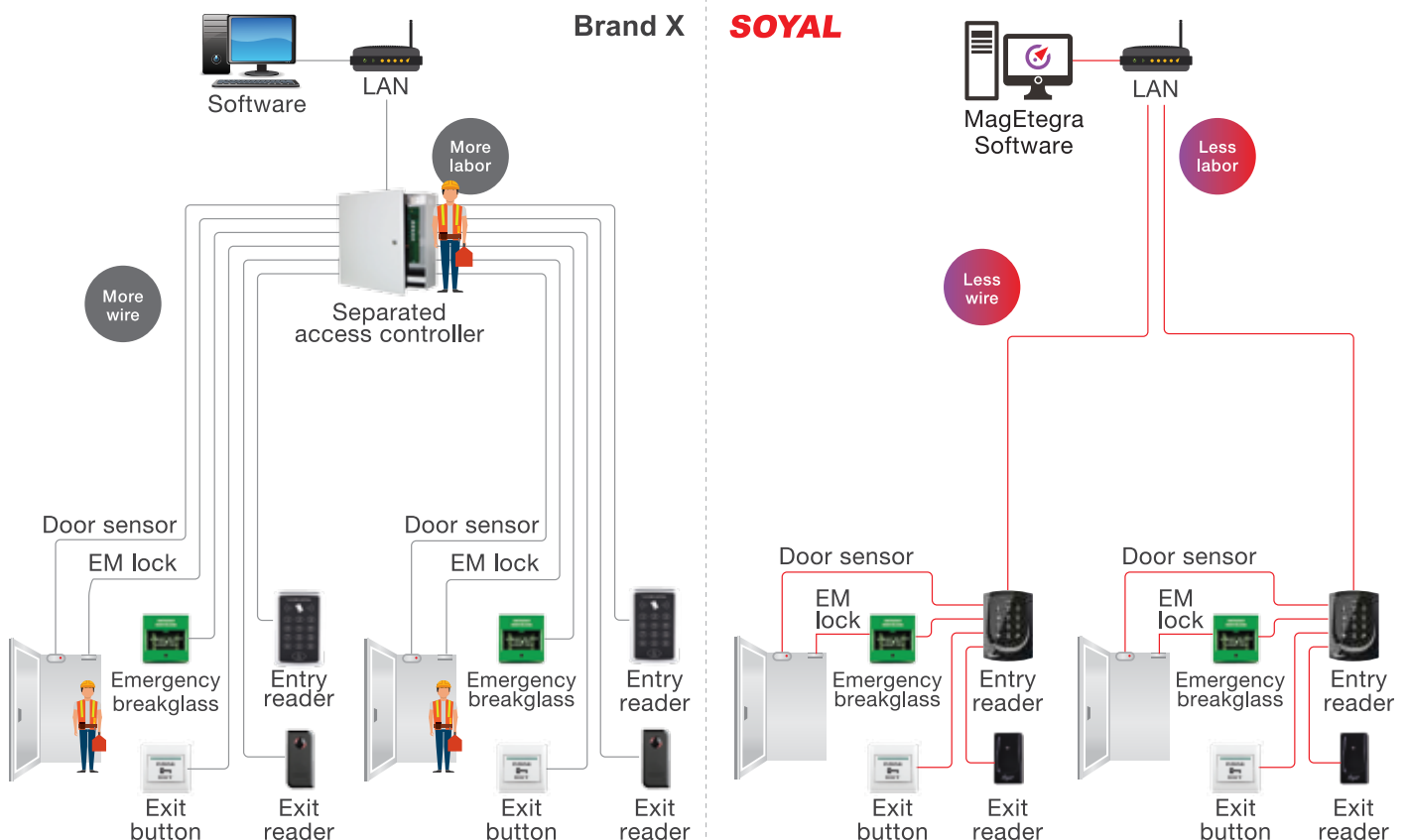
RS485
TCPIP

- Convenient for future expansion

2

Easier installation & maintenance

SOYAL reader has built-in controller to give you 2 in 1 best value. This allows reduced wiring, simplified installation and more convenient for maintenance. Minimum labor cost for installation and servicing. Therefore overall project cost can be lowered and save you more money.



3

More affordable

SOYAL help you save money with built-in controller reader. You don't have to pay extra money to buy a separate controller. SOYAL optimized reader design for practical feature/performance to ensure you do not pay extra for some function that you will never use.

Brand X

- Unnecesary external controller on every door



VS

SOYAL

- Built-in controller reader



Brand Y

- Unnecesary multicolor high resolution LCD screen
- Complicated moulding shape



VS

SOYAL

- Simplified design for practical usage



4

Wider choice of readers

SOYAL offer from low cost standalone to high performance reader under single brand. You can choose from a slim design reader that easily fit into narrow door frame or affordable reader that come with keypad or direct TCPIP features. Some place you might want to use lower cost reader and some place you might need to use high feature reader. Whatever you need, SOYAL has plenty of readers choice for you to mix and match in accordance to your desired budget.

Easy fit to customer limited budget



AR723H



AR721H



AR725H



AR727H

Easy fit to site environment



AR331HS



AR331HT



AR331HT

High performance feature yet still very affordable



AR716E



AR837E



AR725E



AR837EF

5

Extended functionality with MagEtegra software

MagEtegra ME-ACS is an advance client / server access control software that is designed for Soyol's card and fingerprint access system. It extends SOYAL functionality to the next level with integrated CCTV surveillance and time attendance functions. MagEtegra is fully loaded with powerful features into a single platform to achieve centralized security, surveillance and attendance management.

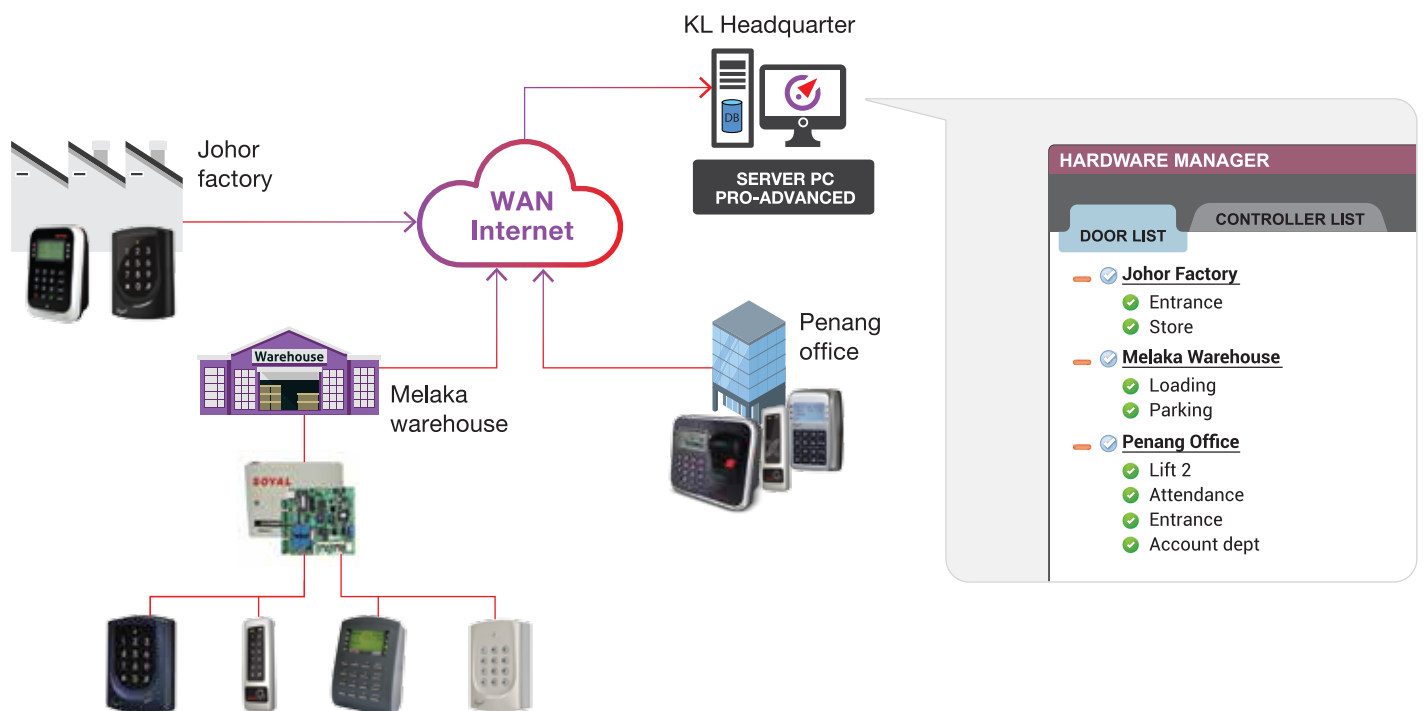


6

Extended connectivity with MagEtegra software

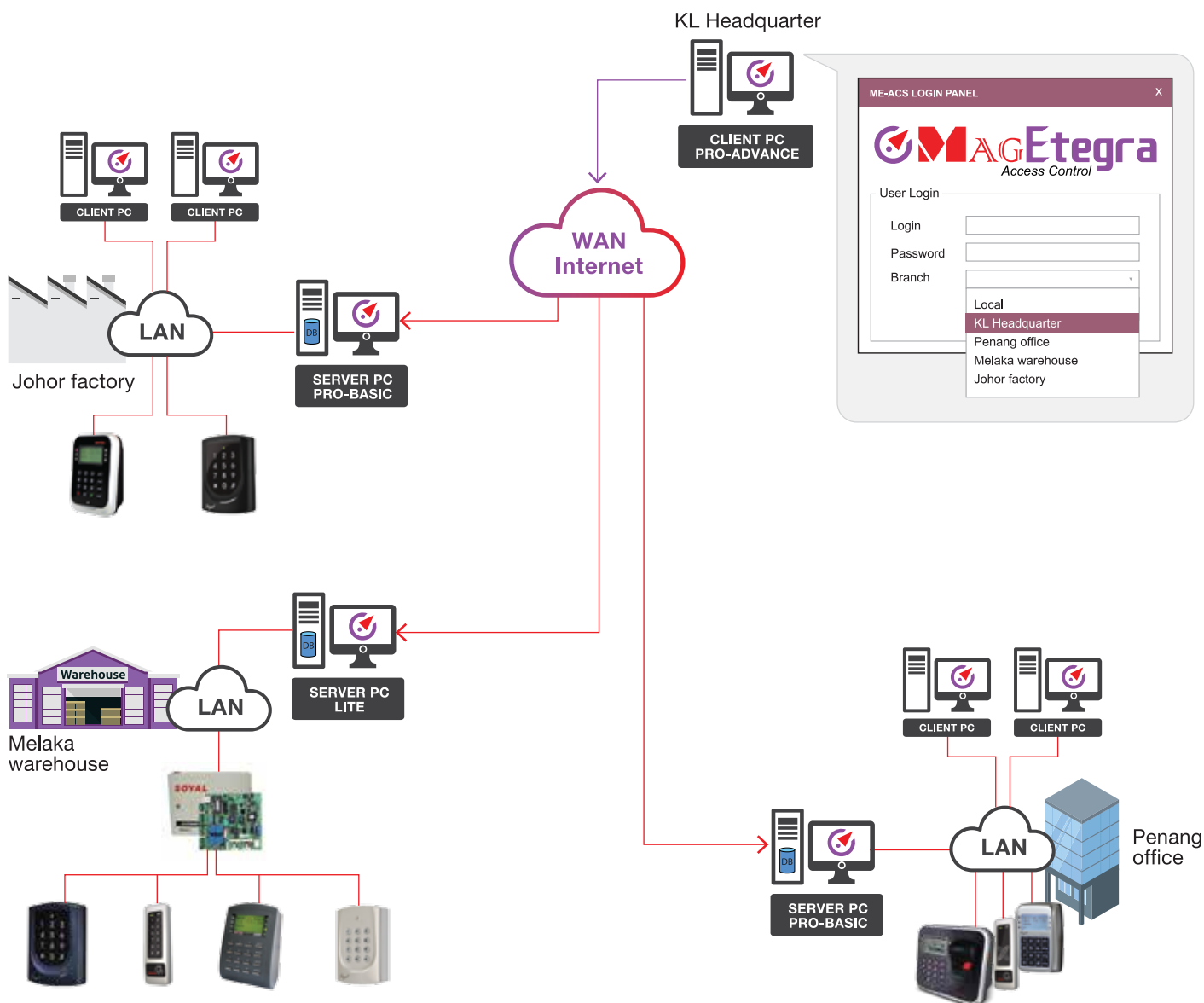
MagEtegra ME-ACS allows multiple operators to simultaneously monitor and control multiple branches over the internet from a centralised location in headquarter. Every operator can be authorized for specific function in the software. Different operator and different sites are connected onto a SINGLE software platform for easier management.

Centralised Architecture



MagEtegra ME-ACS also allows each branch to monitor their own security system. With ME-ACS Pro-Advance version, headquarter can open up each branches individually and manage all branch on single screen simultaneously.

Decentralised Architecture



7

Faster technical support, warranty and repairing service

We have experienced technical support team assisting our authorized dealer to solve your site problem faster. We also offers full spare parts and repairing services locally to ensure your access control systems are up and running in the shortest time possible. Video tutorial is available on our website so that you can still get assistant after our office hours.

Online dealer support



Repairing service



Spare parts availability



SOYAL Reader Specification

MODEL	Standard Series			SilverBlack SERIES								
	AR725H	AR721H	AR727H	AR837EF	AR881EF	AR837E	AR327H	AR321H	AR331HT	AR331HS	AR725E	AR723HN
												
Card user	3000	1024	1024	16000	16000	16000	3000	3000	3000	3000	16000	1024
Event memory	1500	1200	1200	32000	32000	32000	1500	1500	1500	1500	32000	1200
Access mode	Card Pin	Card Pin	Card Pin	9000 fingerprint Card Pin	9000 fingerprint Card	Card Pin	Card Pin	Card Pin	Card Pin	Card	Card Pin	Card
Time zone	11	11	11	63	63	63	11	11	11	11	63	11
Network	RS485	RS485	RS485	Direct TCP/IP RS485	Direct TCP/IP RS485	Direct TCP/IP RS485	RS485	RS485	RS485	RS485	Direct TCP/IP RS485	RS485
Vandal Resistant Metal Housing	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No
Weatherproof	No	No	Yes	No	No	No	Yes	Yes	Yes	Yes	No	No
LCD screen	No	No	Yes	Yes	No	Yes	Yes	No	No	No	No	No
Support AR716E	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	No	Yes
Dimension (mm) L x W x H	110x79x26	112x76x25	127x91x46	128x147x65	151x81x73	133x96x44	140x92x40	114x78x33	154x51x21	154x51x21	110x79x26	81x43x18
Weight (g)	110	110	210	572	363	253	473	319	314	314	185	66
Keypad	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	No

SOYAL Multi Door Interface & Soyal Signal Converter Specification

Multi door interface

AR716E

Soyal 16 Reader Interface

- Maximum readers: 16
- Maximum users: 15000
- Expiry date setting: Yes
- Memory transaction: 11000



AR727i

Soyal TCPIP Networking Module

- TCPIP module for AR716E
- Convert RS485 to TCPIP
- Can assign an IP for access by PC via TCPIP network



AR716EiO

Soyal I/O Module

- Add on module to expand 8 more digital input port on AR716E for alarm monitoring function in software.



AR721E

Soyal 2 Reader Interface

- Maximum readers: 2
- Maximum users: 3000
- Expiry date setting: N/A
- Memory transaction: 1456



Signal converter

AR321CM

Soyal USB Converter

- Convert RS485 to USB
- Interface Soyal readers to PC



AR727CM

Soyal Serial Device Network Server

- Converts RS485 to TCPIP (10 Base T) function in software
- Interface Soyal reader to Ethernet



AR725L485

Soyal Interface Converter Module

- Convert TTL to RS485 for 829e, 721HV3 and 727HV3
- Interface these reader to input/output module for industrial automation



Others

AR401RO16

Soyal 16 Channel Digital Output Module

- 16 relay interface for lift access system. Each interface can be looped to support multiple of 16 floors



AR_WG_Rep

Soyal Wiegand Repeater

- To extend WG data line



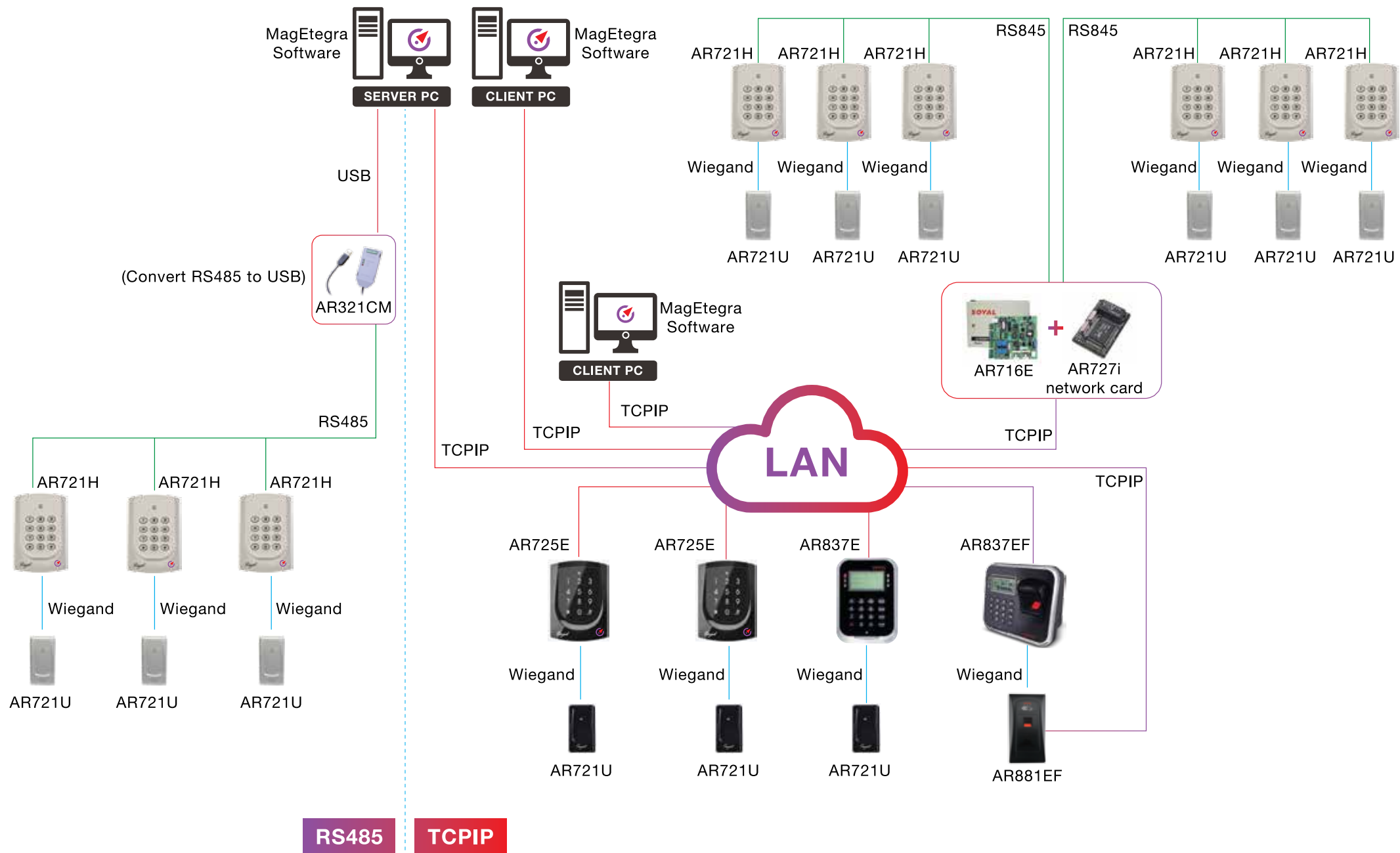
ARRep485

Soyal RS485 Repeater

- To extend the RS485 bus for another 200m



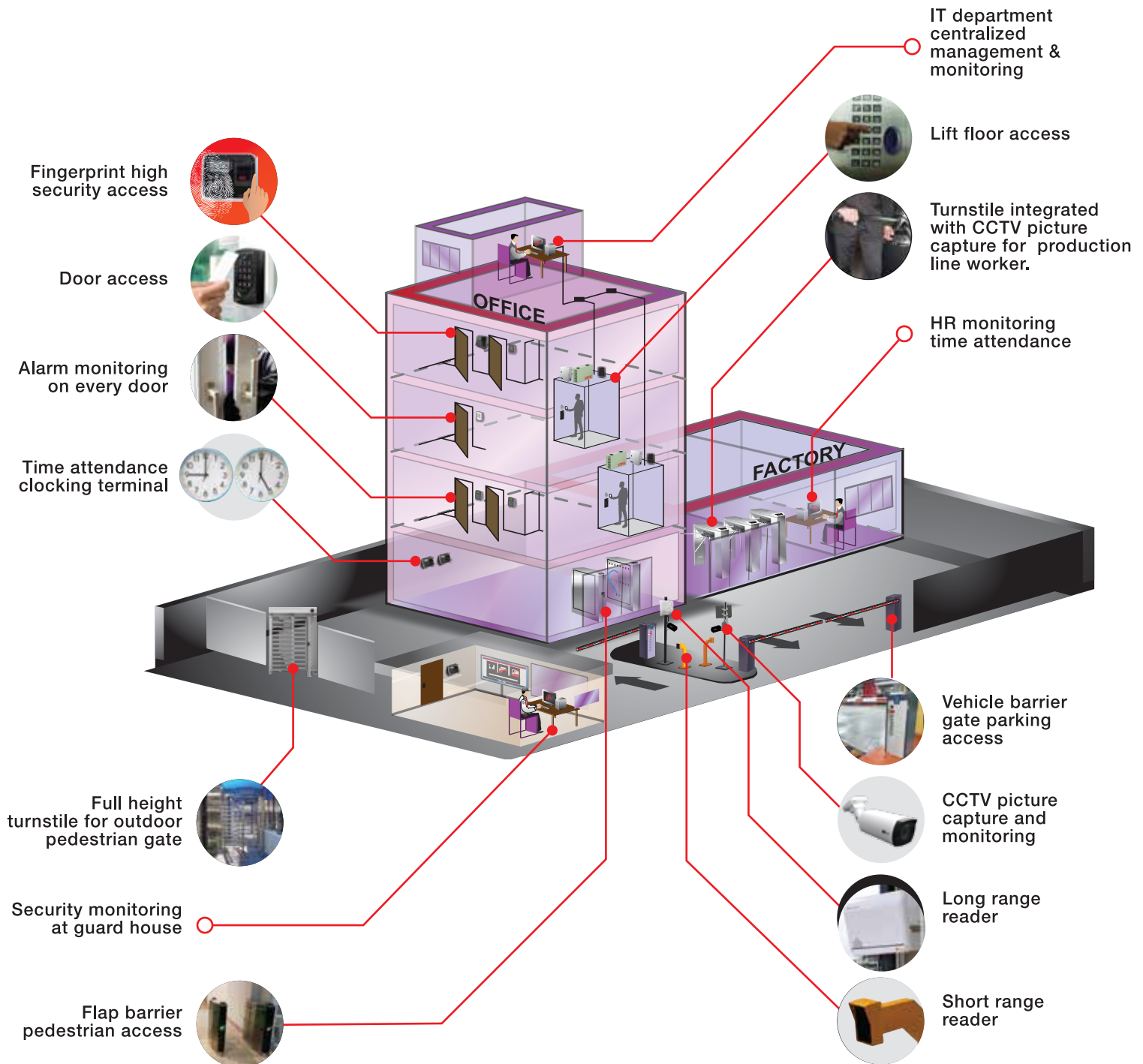
SOYAL Hardware Architecture



Integrated building security solution

SOYAL access control system works hand in hand with MAG barrier gate, pedestrian gate, long range readers, CCTV and MagEtegra software to give you total solution from a single supplier. We save you the trouble to deal with multiple vendors for consultation, pricing, sourcing, delivery and training.

Since everything is through our authorized dealer, you do not need to worry about any compatibility issues. Our dealer save you all the hassle of calling multiple suppliers to resolve problem at site. You are able to get full technical support, documentation, warranty and repairing service from single contact point.



Site reference



- 28 Boulevard @ Pandan Perdana, Kuala Lumpur
- CO3 @ Puchong, Selangor
- Ismeca Semiconductor @ Ayer Keroh, Melaka
- Kenanga Investment Bank @ Jalan Sultan Ismail, Kuala Lumpur
- MEMC @ Petaling Jaya, Selangor
- Menara Zurich @ Kuala Lumpur
- Myanmar Embassy @ Jalan Ampang, Kuala Lumpur
- Oldtown Berhad @ Ipoh, Perak
- Paragon Private & International School @ Johor Bahru, Johor
- Penang Hill @ Pulau Pinang
- PS Pipeline Sdn Bhd @ Dengkil, Selangor
- PV13 Platinum Lake Condominium @ Setapak, Kuala Lumpur
- Sarawak Energy Berhad @ Kuching, Sarawak
- Sunflower Fitness @ Johor Bahru, Johor
- Suria Putra Condominium @ Sungai Buloh, Selangor
- Universiti Teknologi MARA @ Dengkil, Selangor
- UTeM @ Melaka
- Zul Rafique & Partners @ Solaris Dutamas, Kuala Lumpur
- Swinburne University of Technology @ Kuching, Sarawak
- Sapura Kencana @ KLCC, Kuala Lumpur

and many more...



Parking Access



Lift Access



Door Access



Pedestrian Access



Time Attendance



Integrated Access Security Software



We offer complete solution of **SOYAL** access control with **MAG gate** and **MagEtegra** software to cater for residential, commercial and industrial application.

AUTHORISED DEALER: