

# FALCO Digital IP Door Access Controller

True Network Access Control Solutions At Your Fingertips



Time Management System



IP Video Integration



Real Time Intrusion Alarm Monitoring



Car Park Access Control



Door Access Management



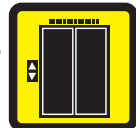
PoE Ready



Visitor Management System



Web Enabled



Lift Access Control



Guard Tour System



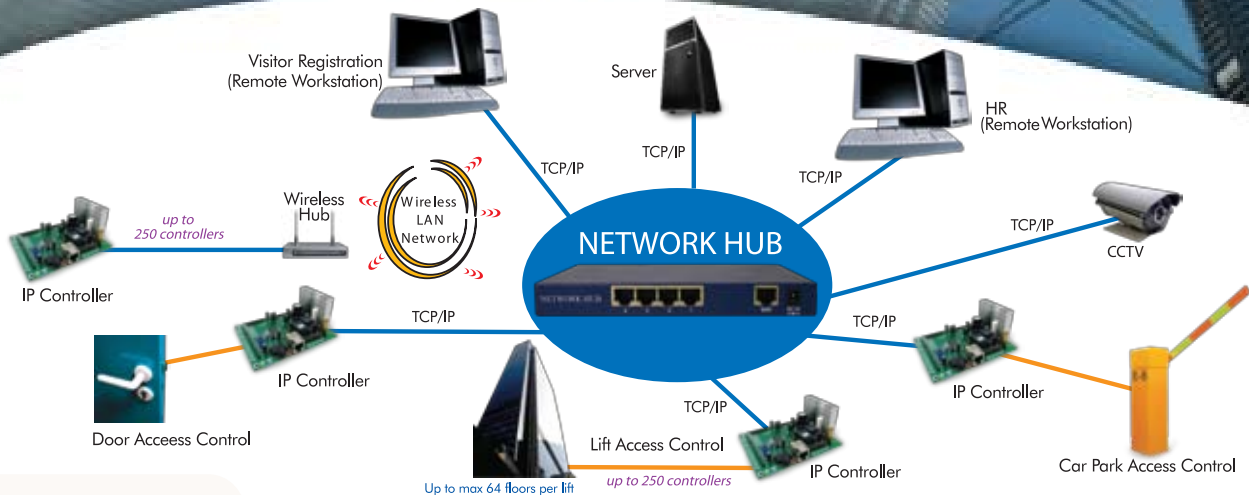
- Fully scalable and compatible with your existing infrastructure
- Native IP controllers with "Peer to Peer" communication
- Client/Server Based Architecture
- Reliable and future-proof



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**BUILDING OUR FUTURE ON IP**



## PRODUCT FEATURES

### SMART ARCHITECTURE

- **Effective Infrastructure**  
Leverage on the usage of existing network infrastructure, hence saving your cost.
- **Innovative LAN / WAN Architecture**  
Expand your network from a Local Area Network (LAN) to a Wide Area Network (WAN) supporting hundreds of access points.
- **Adaptive Network Bandwidth**  
High bandwidth with high speed polling transmits data easily, enabling real-time transactions to the users. Able to support future technology like the Ipv6 or CAT 6.
- **Interactive & Flexible Architecture**  
Using the latest web technology, users are able to enjoy the ease of controlling and configuring their access system.
  - Real-time Floor Plan
  - Friendly Internet Browser
  - Automated hardware & software detection
  - Powerful yet Easy to use User Interface

### SMART ENVIRONMENT

- **Client To Server Environment**  
Communication between the database server with FALCO controllers happens when an event is active on the controller. It does not utilize much of the network bandwidth compared to other systems, hence reducing network traffic. The database server will only send periodic signal to check the health status of the Controller.
- **Peer To Peer Environment**  
FALCO controllers can communicate between one another without the need of the database server as the facilitator. The controllers act as independent entities, sending vital signals to other controllers over the network. This makes our controller less dependent on the database server compared to other systems.
- **Adaptive Environment**  
Evolving from the conventional looping topology to the effective star topology. Enhancing your security profile by ensuring traceability from recorded transactions.

### SMART TECHNOLOGY

- **GreenPower PoE Technology**  
Power over Ethernet or PoE technology, describes a system that transmits electrical power, along with data, to remote devices over standard network cables in an Ethernet network.
- **Wireless Technology**  
Wireless protocol can be used to save on wiring installation. It is also extremely beneficial in places where hardwiring installation is not feasible.
- **Visionary Software Technique**  
Information from our database can be exported to other softwares such as Human Resource, Payroll, Accounting and etc.
- **Patented Searching Technology**  
Special algorithm are employed to transmit data under 1 second for up to 100,000 users.
- **Secure Technology**
  - FALCO uses its own proprietary protocol that cannot be obtained from anyone else
  - Integrated power supply module ensures stable operation despite electricity cut-off
  - Door controllers and relays are placed in secure locations for better security

### PROVEN TECHNOLOGY

Installed over 30 countries around the world, FALCO products are accepted worldwide with reputable reference sites. FALCO practices the implementation of progressive technology that emphasizes on improving security using the latest technology to offer a future-proof product.