FALCO TRUE IP ACCESS CONTROL SOLUTION
WHEN SECURITY MATTER

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 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　　　　　　　　　-Automated hardware & software detection
-Friendly Internet Browser　　　　　　-Powerful yet Easy to use User Interface

SMART ENVIRONMENT
•Client To Server Environment
Communication between the database server and 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
•Green Power 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.
•High Speed Transmission
-Patented card searching algorithm to search card database within 1 second up to 70k users
•Secure Technology
-FALCO proprietary protocol utilized.
-Integrated power supply module ensures stable operation despite electricity cut-off
-Door controller and the relay are placed in secure location for the better security
•Visionary Software Technique
Information from our database can be exported to other software such as Human Resource, Payroll, Accounting and etc.
•Larger Storage
-Unbeatable technology enables FALCO controller to support up to 150k users & 80k events memory.

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.

FALCO SYSTEM ARCHITECTURE

FALCO™

FALCO IP

www.falco-ecom.com