FALCO TRUE IP ACCESS CONTROL SOLUTION

WHEN SECURITY MATTER

PRODUCT FEATURES

- 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.

- Integrate & Flexible Architecture
  Using the latest web technology, users are able to enjoy the ease of controlling and configuring their access systems.

- Real-time Floor Plan
  - Automated hardware & software detection
  - Powerful yet easy to use User Interface

- 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 accessibility from recorded transactions.

- 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
  - Embedded power supply module ensures stable operation despite electricity cut-off
  - Door controller and the relay are placed in secure location for the better security

- Video 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.

FALCO SYSTEM ARCHITECTURE

- IT Video Integration
- Time Management System
- Visitor Management System
- Access Control System
- Server
- Network Hub
- Building Access Control
- Elevator Access Control
- Visitor Management System
- Time Management System
- Visitor Management System
- Access Control System

RoHS Compliant

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