



ACT IP Web Integration Security Access Control System

Effective Infrastructure

Leverage on the usage of existing network infrastructure, hence saving your cost.

Adaptive Network Bandwidth

High bandwidth with high speed polling transmits data easily, enabling real-time transaction to the users.

Client to Server Environment

Communication between Server and FALCO controllers happens whenever an event is active on the controller.

Peer to Peer Communication

Communicate between one controller with another controller without the need of the database server as the facilitator.

Speedy Transmission

Pattern algorithms are employed to search card database under 1 second for up to 150k users.

Secure Technology

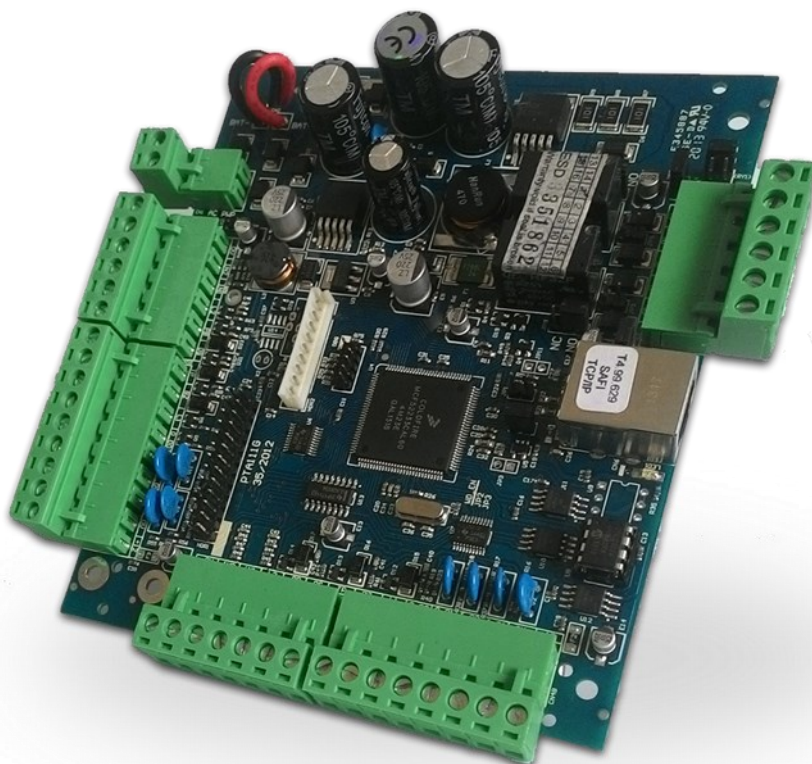
- FALCO uses its own proprietary protocol that cannot be obtained from anyone else.
- Integrated power supply module ensures stable operation despite electricity cut-off.
- Door controllers and the relay are placed in secure location for the better security.

Larger Storage

Unbeatable technology enables Falco controller to support up to 150k users & 80k events memory.

FEATURES

- Supports 2x turnstile ie. up to 1x in & 1x out (expandable to 2x in & 2x out)
- Supports up to 70k users & 40k events
- Supports upgrade firmware through web browser
- Native IP with Peer to Peer communication
- High speed data polling to Server
- Compatible with various reader technologies
- Built-in web server AES- 128 Encryption
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- 1 Controller 1 lane with 2 IN OUT Reader



SPECIFICATION

PROCESSING UNIT	Freescall CF microcontroller 32bits @ 60mhz
MEMORY	1024kb EEPROM & 16 Mb FLASH
READER SUPPORTED	1 door (2 readers) 1x in & 1x out
BATTERY CHARGER	12V DC/7AH (Onboard battery backup charger)
POWER	14.5v AC @12.5V DC
USER CARD EXP.	Yes
READER TECHNOLOGY	Standard Wiegand format (26bit-64bit)
USERS / HISTORY	150k users, 80k events
COMMUNICATION	RJ45 Ethernet/10/100 Base-T(Max100m/328ft)
NETWORK PROTOCOLS	TCP/IP, ARP, DHCP
INPUTS FUNCTIONALITY	Fire in / exit push button / loop sensor / tamper
DIMENSION / WEIGHT	PCB=137(L) x 117 (W) x 15.5 (H) mm / 25g
OPR. TEMPERATURE	0°C ~ 55°C / 32°F ~ 165°F
HUMIDITY	0~85% Humidity (relative non-condensing)
ENCRYPTION	AES-128 (BI-DIRECTIONAL)
CERTIFICATIONS	CE-CLASS A, UI 294 LISTED - SECURITY MARK, FCC PART 15, CLASS A, RoHS

ACCESSORIES



Metal Casing
EMPTY CONTROL PANEL BOX



Transformer
Model : U6635-15.50VA 3A



Battery
Model : FA 12-7E

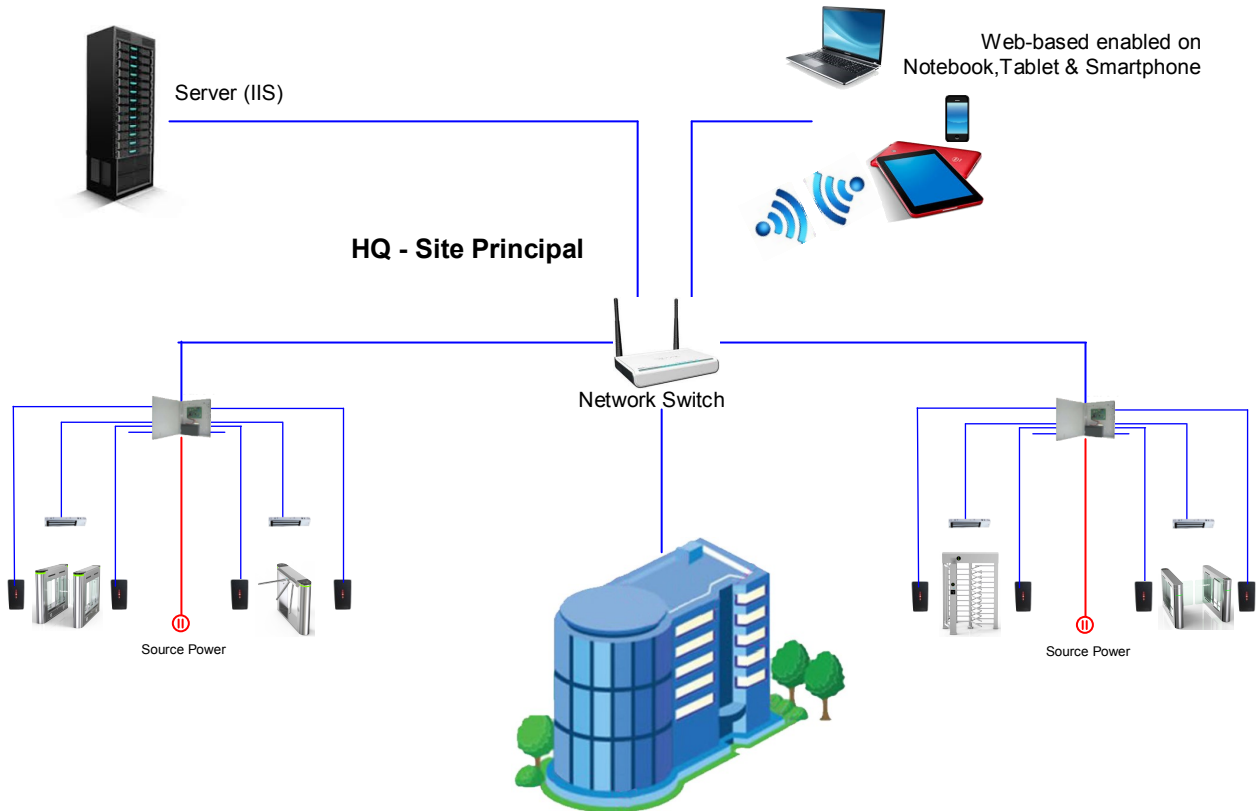


VaultEnterprise

SBOX

ACTF IP Web Integration Security Access Control System

Single Site Architecture



Multiple Site Architecture

