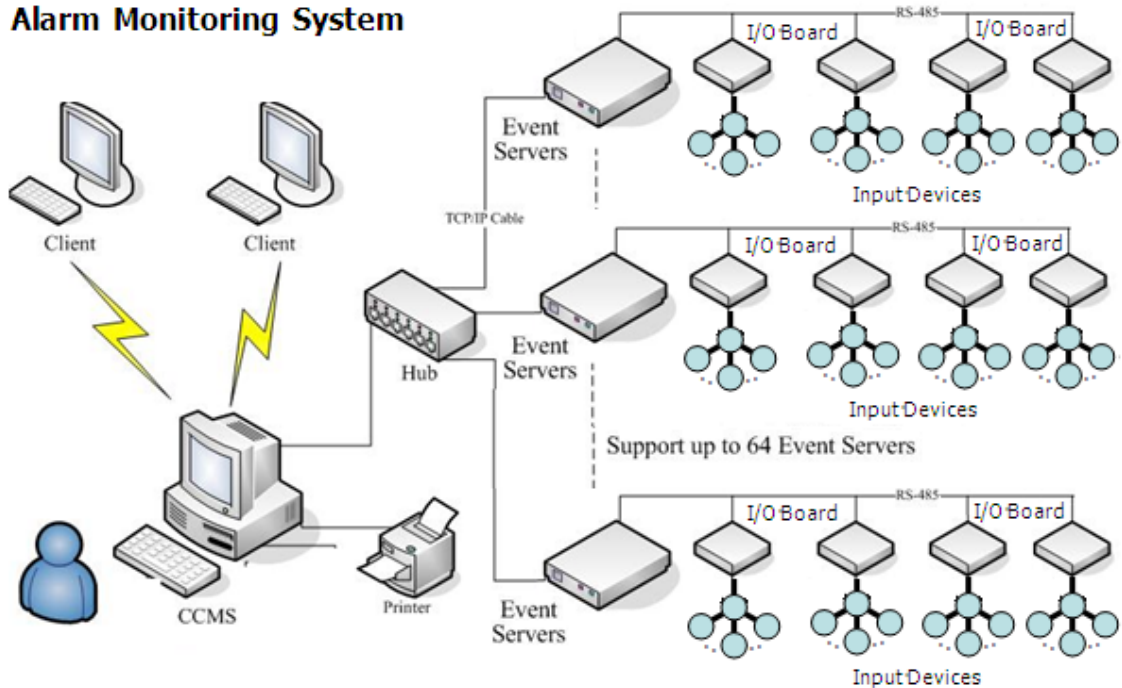


MaCaPS Alarm Monitoring System

MaCaPS Alarm Monitoring System is designed for the monitoring of alarm event in important area of a facility. The system is build-up with Event Server, I/O Board, software, and I/O point which compatible with different types of input devices, e.g., magnetic contact, panic button, push bar, emergency trigger, motion detector, IR sensor, analog/digital sensor devices, and etc.

Alarm Monitoring System



The system is embedded with TCP/IP connections for remote monitoring via Internet. The Alarm Monitoring System Software has a user-friendly graphic user interface; administrators can easily monitor, configure individual point during a pre-defined time period; define time zone; remotely monitor status, and generate comprehensive reports.

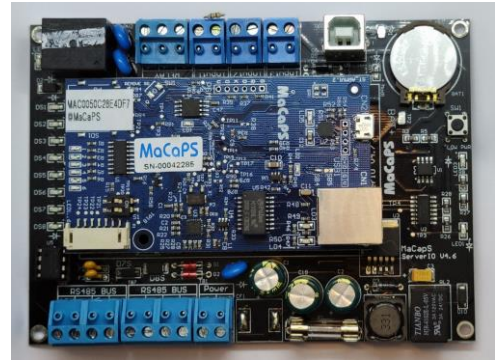
General Features

- Direct Ethernet connection with a unique IP address
- Support multiple input devices
- Remote Monitoring & Control
- Real Time Clock Display
- Network Enabled
- Fast Data Transmission
- Fast Restart Time
- Multiple Time Zone Settings
- Support Win10 (64 bits)
- Real Time Transaction Display
- Comprehensive Reports Generation
- Chinese/English Graphical User Interface
- Battery Backup for Data Retention
- Offline capacity: 220,000 Transactions
- E-mail Alert
- E-map and alert count down function
- Client Connection

MaCaPS Event Server

The Event Server is a key component in transaction records. The event server will monitor and record all event and communicate with the Alarm Monitoring System Software. It stores the setting of each input device during online/offline mode. Server can support up to 4 I/O boards on RS-485 network up to 1.2 km

(4000 feet) in length and the Server is connected by TCP/IP point to the existing LAN system such that a central computer can monitor many Event Servers that installed in different area.



General Features:

- Support 220,000 Offline Transactions
- Support 4 I/O boards per Event Server
- 128 Time Zones
- 16 Holiday Periods
- Battery Backup for Transactions (~3Year)
- Watch dog protection function
- Battery backup for System Clock (Keep running)
- LEDs Display for communication monitoring of each point
- Support TCP/IP connection (Base 100M)
- Communicate over RS485 network (1.2Km)

MaCaPS I/O Board

The I/O Board is a 12 input (2 zones per input) and 12 output IO Control Board. It incorporates advanced technology and flexible features to meet a wide range of requirements. It uses standard RS485 communications protocol to connect to the host system and supports up to 12 input and 12 relay output per unit. The modular design allows for easy, flexible installation and up to 4 units (IO Board) can be connected via RS-485.



Specifications

Event Server	
Communication	TCP/IP to PC Server, RS485 to I/O Board
Capacity	220,000 Transactions
Battery Backup	3 Years
Controllers Number	Up to 4 I/O Boards per Event Server
Power Supply	12VDC, 300 mA

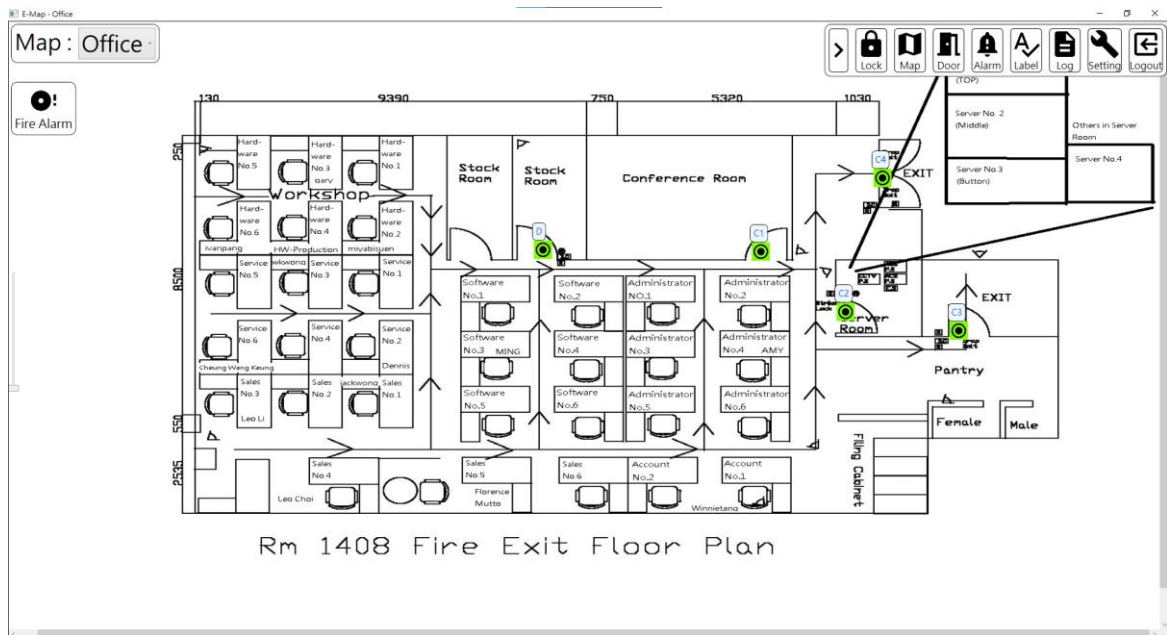
I/O Board	
Communication	RS485 to Event Server, up to 1.2Km
I/O (Input / Output)	12 (×2 zones) × Analogue Inputs 12 × Relay Outputs (NO/NC Selectable)
Watch Dog Protection	Supported
Fuse Protection	Supported
Operating Temperature	0°C to + 50°C
Dimension	152mm x 137mm x18mm
Weight	220g
Power Supply	12VDC, 1A (Max)

Software	
Reports	Multiple Transaction Report
Time Zone	128 Configurable Time Zones
Holiday	16 User Configurable Holidays
Capacity	220,000 Transactions
Language	English / Chinese
Operating System	Win10 (64 bits)

** All specifications are subject to change without any notice.*

Emap Display and Alert Count Down Function

- Fully integrated with the existing ACS software
- Allow customized emap input
- Provide drag and place of alert points in the map
- Offer multiple level of sensing for detecting various types of tampering or allowing multiple-key lock sensing
- Enable customized counting down in the alert icon
- Facilitate remote on-line reset/clear function
-



Example of E-map



Example of Alert Count Down Function (white: alert triggered, yellow: alert in action, red: alert in warning state)