



In the quest for better solutions for IP surveillance, we present a new module for Digifort. By way of an I/O controller with Ethernet interface, specially designed for our software, the client can control the entire alarm system for his company, commerce, public organ or any establishment that needs this solution in addition to contribute to the automation of the establishment.

Basically this device offers input ports (dry contacts), output ports (relays), and an Ethernet port, which will transmit the activities of the sensors to the surveillance center by way of local network, optical fiber, wireless, private data lines or Internet.

The number of working modes which we can imagine with just these three types of ports is limitless, as for example:

- Surveillance of sensors and activation of illumination together with IP cameras
- Opening and closing of doors, exhibitor curtains and gates
- Device control by way of web or local networks
- Control of pumps, valves and motors
- Remote re-initialization of computers, servers, routers, switches and other informatics equipment
- I/O integration and remote connection of digital outputs of any industrial or residential PLC
- Extension of remote activation buttons and switches
- Industrial control for supervisory programs
- Residential and commercial automation
- Control of electronic or electrical fences by sector
- Energy turn-off of an electronic lock
- Panic button
- Energy sensor module which makes it possible to identify the phase that went down
- Current sensor module, used for the presence of current in the powerline



The working principle of these devices lies in the recognition of some event by way of various types of sensors or buttons. When an event is detected, this information is passed on to the **Digifort** server, which carries out a preconfigured action. This action can involve the internal features of the software, such as the sending of e-mail or SMS messages; devices interconnected in the security network, such as the positioning of PTZ cameras at a determined point; or even the **I/O device** itself, such as the setting off of a siren or the activation of a motor.

In the occurrence of such an event, the surveillance center immediately receives a message for due measures.

INTELLIGENT ETHERNET I/O CONTROLLER MODULES

M I/O 100	01 INPUT	01 OUTPUT
M I/O 400	04 INPUTS	04 OUTPUTS
M I/O 800	08 INPUTS	08 OUTPUTS
M I/O 401	04 INPUTS	01 OUTPUT with POE
M I/O 801	08 INPUTS	01 OUTPUT with POE
M I/O 2408	24 INPUTS	08 OUTPUTS
M I/O 0824	08 INPUTS	24 OUTPUTS

See some application examples for the I/O devices:

