Smart

Security Management System

The system is an integrated modular and flexible configuration of high performance elements able to satisfy any requests. Smart Security System limits the risk of false alarms and helps the personnel in charge of the security, making them able to select the alarm situations.
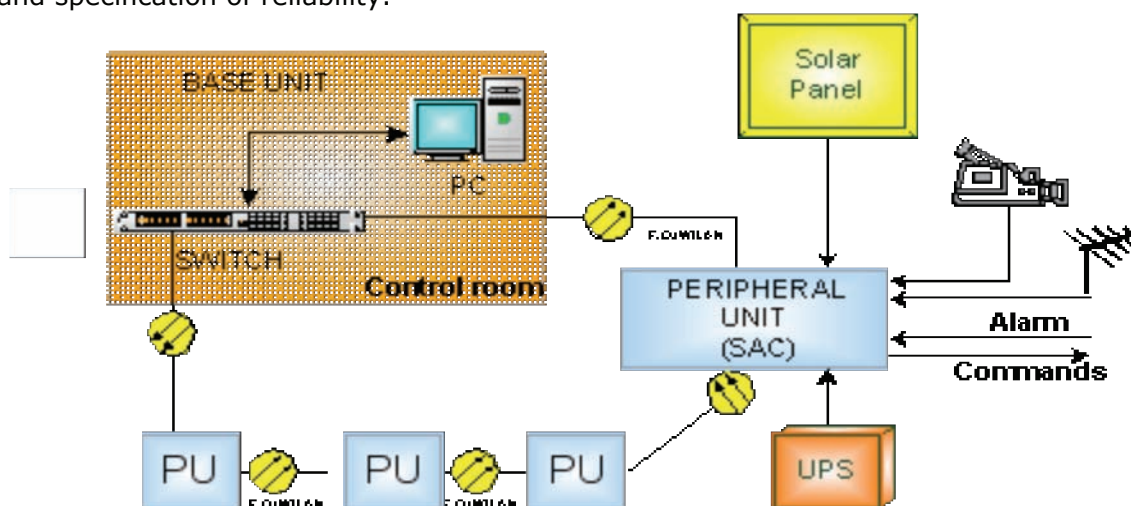
The system consists of:
- Base Unit (BU)
- Peripheral Unit (PU)
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The PU acquires the information coming from the field, saves and transmits them to the Base Unit. BU manages the complete system.

A system can consist of more BU and PU units. All the units are equipped with CPU and are connected in a ring configuration.

The connection is through Fibre Optic line and/or Radio Link tailored to the customer requirements and specification of reliability.

The central element in the PU is the Smart Controller **SAC.**

The SAC module consists of a PC architecture microprocessor and it has no moving parts like floppy disks or hard disks.

This structure makes it possible to intergrate large number of sensors (analog and digital) and, through the ability of distributed computation, to fix conflicts/false alarms.

The central module, Smart Alarm Controller SAC, has the following specifications:

CPU	INTEL Celeron 400 MHz
RAM	128 Mb
SSD	Compact Flash Type II Soket
Exp Slot	PC 104 +
PWR Control Function	+ 12V only
I/O	24 bit digital I/O (48 opz)
Video (opz)	Analog Video Capture 720 x 576 max Video Loss Detection