



# SitHab

## Intelligent Home Control System

Designed to bring you more Security, Comfort and Economy

### Introduction

Sithab is an intelligent, low-cost and easily installed system for integrated management of buildings and homes.

SitHab is based on a 2-wire bus connecting a network of plug and play modules.

Although it has all the features and advantages of an integrated system its low cost is possible since it can use conventional sensors and actuators from any manufacturer and based on different technologies.

### Security

- ❖ Intruder detection and entrance control
- ❖ Normal home activity simulation
- ❖ Fire, gas leakage and flood detection

### Comfort and Economy

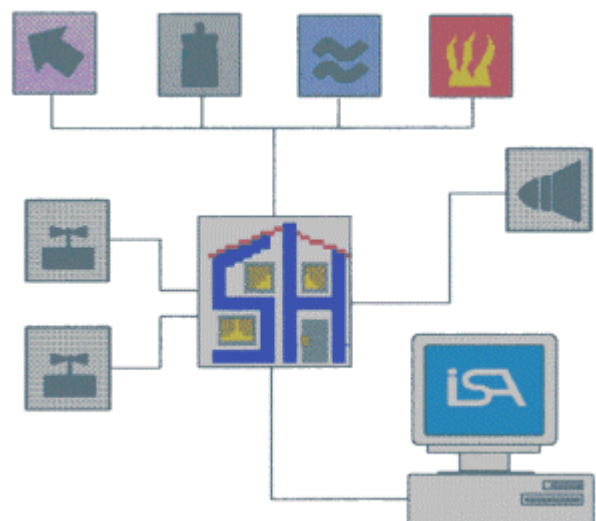
- ❖ Automatic lighting control
- ❖ Irrigation system control
- ❖ Automatic shade control
- ❖ Local, remote or programmed control of electrical appliances
- ❖ Heating and ventilation system control
- ❖ Telephone communication using mobile or fixed telephone networks
- ❖ Remote voice, image and data transmission

### Remote Monitorization

With SitHab your Home is always at hand!

SitHab not only sends alarm messages everytime an abnormal situation occurs but also allows to remotely access your home to control and monitor the electrical appliances, ventilation and heating system, as well as to get on-line or recorded voice, images and data:

- ❖ Access with local PC (serial port)
- ❖ Voice messages and DTMF commands through mobile or fixed telephone networks
- ❖ Alarm notification and access through SMS or WAP using mobile phone



## The System

SitHab is made up of a control unit and a network of addressable small intelligent modules which are connected to conventional sensors and actuators. This structure allows an easy and progressive expansion of the system simply by introducing additional modules at any network point (at the user's need).

Whenever required or advisable mixed solutions can be built where, through the use of special interfacing network modules, devices based on different technologies can be used (wireless, X-10, Ethernet, etc.).

Sithab's flexibility and modularity allows that functions as diverse as video camera based surveillance, child and elderly accompanying, personal alarm implementation or the pool water control, can be easily implemented.

## Supervision Software

SitHab can be connected to a PC, locally or via modem, being then operated through a dedicated user friendly Windows application.

This software has been designed for a total integration of the system and has excellent communication, control and supervision characteristics. Using this software it is possible, for example, to configure alarms, including the messages associated to them and the phones that should be contacted, configure the system access protected codes, define the sensors, actuators and network modules associated with each area, access event reports, send commands, create new functions, choose timings and configure inputs and outputs.

This way it is possible to do things as diverse as turning off the heating or any other electrical appliance when no movement is detected in the house, or, furthermore, allow the operator to deactivate the intruder sensor when it breaks down but still being able to use this same function.



## ISA

ISA a company that develops and integrates telemetry and alarm management and control systems dedicated to remote supervision, industrial plant and building management, domestic automation as well as to the air quality and meteorology monitorization.

Our mission is to offer advanced and innovative products and solutions capable of absolutely satisfying our clients' needs and expectations.

## Quality

Innovation, Efficiency and Quality have always been our three major concerns in a continuous quest for customer satisfaction and confidence.

In 1999, with the purpose of improving the manufacture efficiency as well as the quality of its products and after sales services, ISA joined the Mondefin Group. Mondefin is a holding company that integrates subsidiaries like Reflecta, known for its audio-visual products, and companies specialized in the production of electronic boards, plastic injection, metal stamping, painting and tampon print as well as an European repair center of electronic equipments like photo cameras and mobile phones.

**ISA is the ideal partner to identify and develop the technological solution most suitable to solve your automation or remote supervision problem**



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