

CHARACTERISTICS

- Event-based client-server architecture
- Connection via IP or RS-232 serial port
- Scalable and modular control architecture: software modules can run in the same or in a different PC
- Real-time configuration and management of SIVAC equipment
- It allows to save the configurations of the managed SIVAC equipment
- It shows an image illustrating the current status of the equipment front panel
- Alarms are stored into a single database
- Global monitoring of active alarms in the network, with user-configurable criticality
- It allows to download alarms to an Excel file

SIVAC-NMS 1000

SIVAC NMS 1000 is a set of software tools facilitating centralized configuration, analysis and logging of all the events generated by a number of SAPEC SIVAC equipment.

SIVAC NMS 1000 is a tool facilitates the configuration and management of equipment from any vendor via a web browser from any remote location.

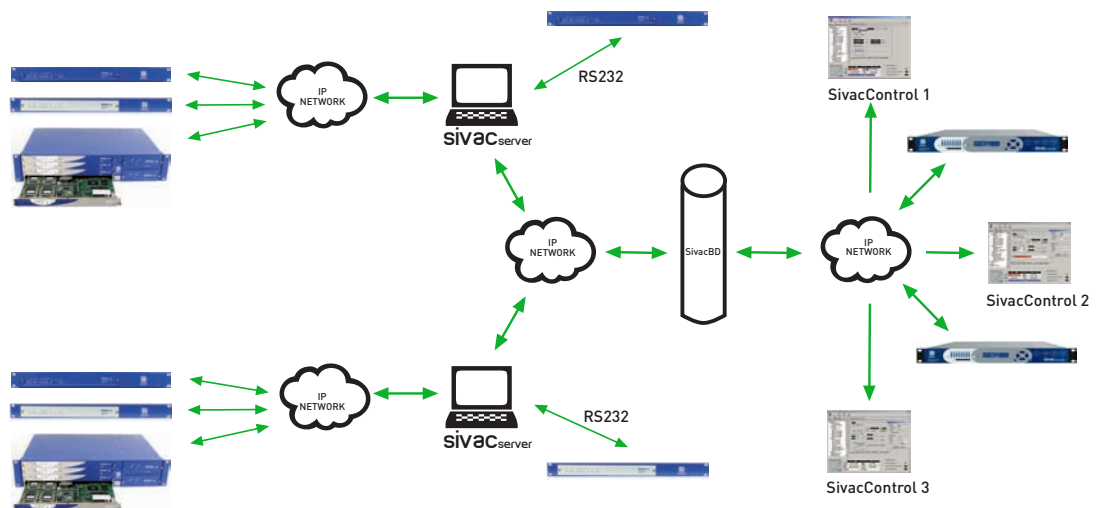
SIVAC NMS 1000 is made up of 3 software modules that can run in the same PC or in different machines:

- **SIVACServer:** The module that collects equipment data, processes them and delivers those data to one or more clients as they are requested
- **SIVACControl:** The interface seen by the operator, providing equipment status information and enabling to modify configuration parameters
- **SIVACBD:** The alarms database where all the alarms sent by the SivacServer are collected

SIVAC NMS 1000 is structured as a client-server architecture based on the internal events generated by the equipment. Each equipment establishes a connection with the **SIVACServer**, delivering it with data on their own.

SIVAC NMS 1000 is a modular and scalable system enabling to manage multiple equipment connected via TCP/IP. The **SIVAC NMS 1000** architecture supports multiple servers and clients over the same management network.

CLIENT-SERVER ARCHITECTURE



TECHNICAL SPECIFICATIONS

SIVAC NMS1000 Management System

SIVACServer

- Scalable and modular capacity, as multiple SIVACServers can reside in different PCs
- It takes care of maintaining the connection with the equipment via IP or RS-232
- It manages the access to the equipment for configuration and management purposes, and collects and stores alarms
- It stores all the events associated to the devices connected to it

SIVACControl

- A graphical user interface for equipment configuration and monitoring
- It allows to add any web-management enabled equipment as a new server (in this case, the web-based presentation of the new equipment will be displayed in the configuration and alarms area)
- It allows to configure and display any equipment connected via IP to the SIVACServer modules
- It allows organizing the equipment according to logical user criteria
- It allows to visualize the current status of each equipment
- It provides a global alarm monitor enabling to look up from a single screen any alarm generated from any of the managed equipment
- This contains 4 key areas:
 - Toolbar
 - Connections area
 - Configuration and alarms area
 - Status area

SIVACBD

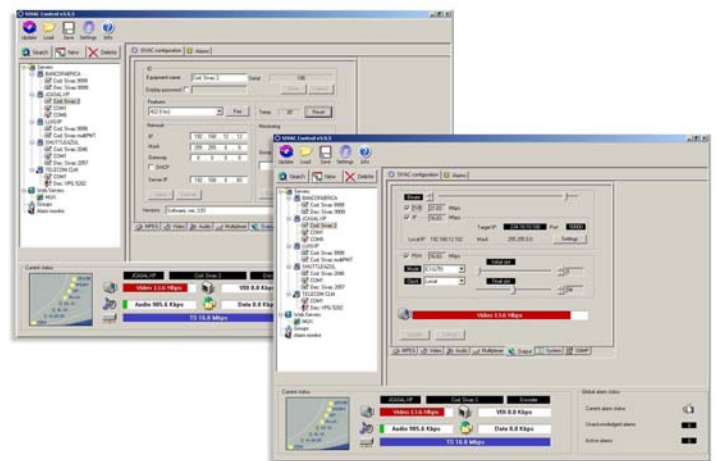
- Alarm database
- It collects alarms from one or more SIVACServers and globally manages them

Minimum PC requirements

- Pentium 4 Processor @ 1.7GHz
- RAM Memory > 256 MB
- Hard Disk > 60 GB
- Ethernet interface
- O.S.: Windows XP Profesional and Windows 2000



SIVAC Control Screens



Local Distributor:



* The content of this document is subject to change without notice by SAPEC, due to technology advances.

SAPEC stands for Sociedad Anonima de Productos Electronicos y Comunicacion

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