

FIRE SYSTEMS

FIREMON

ALARM MONITORING SOFTWARE

FIREMON is designed to allow monitoring of distributed alarms, typically Fire Indicator Panels or other similar devices and to provide alerting and information relating to the exact nature of the alarm at a central monitoring point. Alarm logs are maintained for each alarm to enable the history of the alarm as well as acknowledgments and test histories to be examined. The alarm screen caters for 12 inputs for each Alarm Transponder Unit and these are individually prioritised as high priority (Primary) or lower priority (Secondary) with differing colours for each type of alarm and their active status. To assist in locating the exact position of the active alarm, upto 5 levels of floor plans are available to graphically illustrate the exact location of the alarm, with the operator being able to place individual alarm icons on the plan as well as the location of the ATU/Fire Indicator Panel. These drawings are created by the operator using simple, commercially available drawing packages or if required for more complex requirements they may be scanned in. Also provided is local building information and any operator entered particulars that may relate to special hazards or conditions. All information and alarm descriptions are able to be customised to the particular site by the operator. On screen procedures relating to the actions necessary for a Fire and Fault situation are available to assist the operator in the course of events to follow in the event of an active alarm.

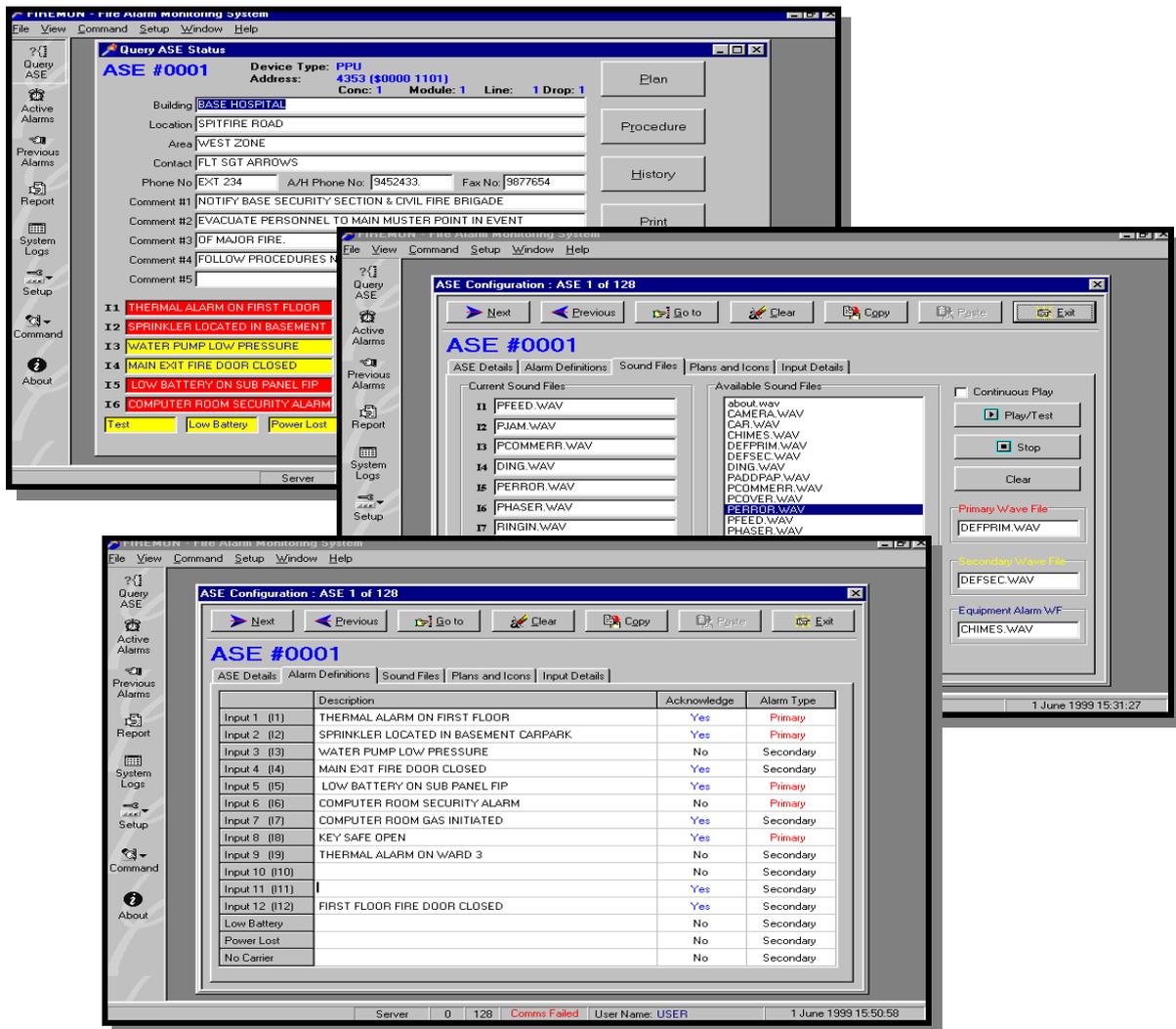
Particular attention has been paid to making the system simple to use by non-technical operators, with special emphasis on minimising the use of the keyboard and allowing most operations through use of a mouse or trackball. The operator screens are designed to enable touch screen operation if required.

The **FIREMON** software can be used as an entry level product designed as a single user system mainly for use in the monitoring of alarms on a complex or series of buildings requiring immediate alerting and response to Fire Alarms. Typical installations are hospitals, military establishments, casinos, universities, etc. For larger applications a multi user, networked version is available operating on WINDOWS NT™

The **FIREMON** software complements the wide range of ROMTECK Fire products designed to allow the efficient and economical monitoring of fire alarms on a building, complex, city or state wide basis and is used in conjunction with the various ROMTECK Fire Concentrators, Alarm Signalling Equipment (ASE), Alarm Transponders (ATU), Protected Premise Units (PPU) or End of Line Units (ELU).

The main alarm or query screen provides all the relevant first response information to an incident. The information has been previously entered into the database by the user and allows for 6 lines of comment information for such things as special hazards or local

temporary contact information. Site location and contact field names can be customised by the user as can the individual alarm points to reflect the specific location or use of the input. User defined alarm alerts or voice messages in a standard Windows™ “Wave” format can be



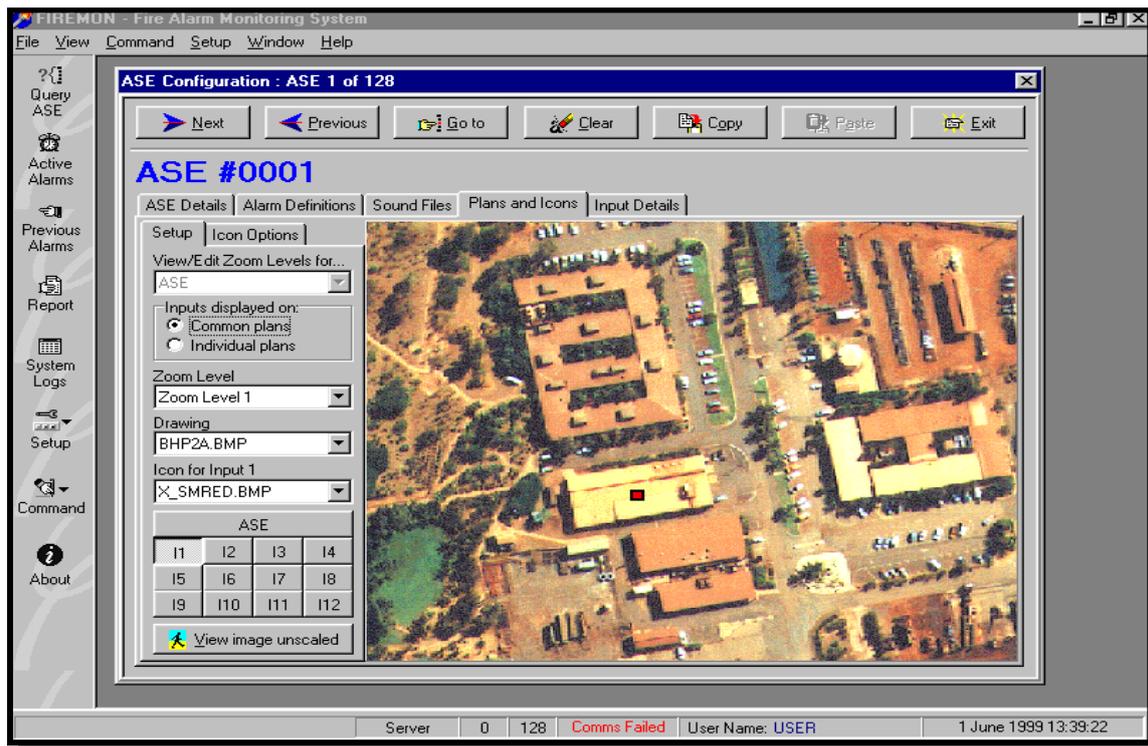
activated on an individual alarm basis to alert the operator or other personnel. If required external sonalerts can be connected to the computer via an optional internal relay board. Access to further information such as Operational Procedures, Alarm History, Floor Plans or stepping to other alarms are available through simple buttons on the screen.

Various other menu options allow the viewing of all current Fires, Faults, Tests, Disabled alarms as well as a report generator to allow the extraction of information from the alarm histories.

All backup and archiving of data is performed through simple menu driven screens.

Site layouts, floor plans or general drawings can be displayed to provide visual indication of alarm locations and can contain both graphics and text as well as individual icons representing each alarm point and alarm transponder location. Up to 5 drawings

per alarm point can be attached and by providing progressively more detail on each drawing can provide a zoom feature to focus in on the exact alarm location. General site location plans such as shown below can be used as an initial screen and be shared by many alarms. With the *View*



Plans option the operator can view all alarms using the same drawing.

Drawings are used in the popular BMP format allowing them to be created by most common drawing packages or if required they can be existing drawings, possibly in other image formats and can be scanned, scaled and converted to suit.

Icons can be placed on the image to denote alarm points or ASE locations and can be created specific to the type of alarm and image required. These are automatically scaled to the same ratio as the main screen image to allow simple operator creation.

By combining textual information,

individual alarm procedure files and graphic views of the location, the **FIREMON** software makes the response to alarms quick, simple and documented as well as removing the chance of misinterpretation of any one set of information.

The printing options for the drawings allow for the active alarm information to be included on the printout, providing a quick and easy indication of the alarm and its location.

A convenient grid location index allows easy reference to the exact location when handling queries from the incident.

FEATURES

Ability to monitor unlimited buildings, Fire Indicator Panels or Manual Call points.

Building and Occupier location information.

Free form comment text fields for special messages, chemical hazards, response, etc.

User entered individual alarm type or location descriptions for each alarm point.

Alarms can be defined as High Priority or Low Priority.

Extensive Fire, Fault, Test and System Reporting capability to screen, printer or disk.

System Management functions such as data archiving and backup performed through simple menus.

Pager, Modem and Mobile Data Terminal Support for Remote Alarm Alerting.

Manned and Unmanned operating modes.
Relay outputs available for local external alarm and

system fault annunciation.

Alarm history logs with time and date stamping.

Procedures help screens for Fire and Fault alarm response.

Alarm delay function to assist in eliminating momentary false alarms.

Capable of receiving active alarms whilst performing other functions.

Graphic display of site, building or floor plans. Upto 5 levels of drawings can be attached to each Alarm Transponder Unit.

User positioning on graphic screens of alarm point icons and ATU / F.I.P. location.

Drawings use standard BMP format allowing site/plan creation using common drawing packages or if require can be scanned from existing drawings.

It is important when considering the purchase of alarm monitoring equipment that on-going Professional Engineering Support be provided. Romteck offers the following services:

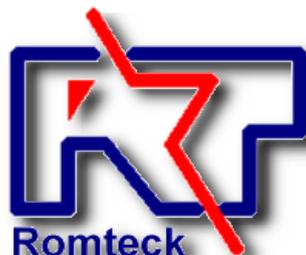
- ◆ **SYSTEM DESIGN**
- ◆ **SYSTEM INTEGRATION**
- ◆ **INSTALLATION AND MAINTENANCE**
- ◆ **SERVICE MANUALS**
- ◆ **ON-GOING SUPPORT**

These services combined with many years of practical experience with fire services throughout Australia, provide the essential elements for a safe and reliable system that can be installed with confidence.

For further product information on systems described within this brochure or any other ROMTECK products please contact the nearest ROMTECK office shown below.

ROMTECK AUSTRALIA PTY LTD
37 COLLINGWOOD ST
OSBORNE PARK 6017
WESTERN AUSTRALIA

PHONE (61) 8 9244 3011
FAX (61) 8 9244 2649



DISTRIBUTED BY: