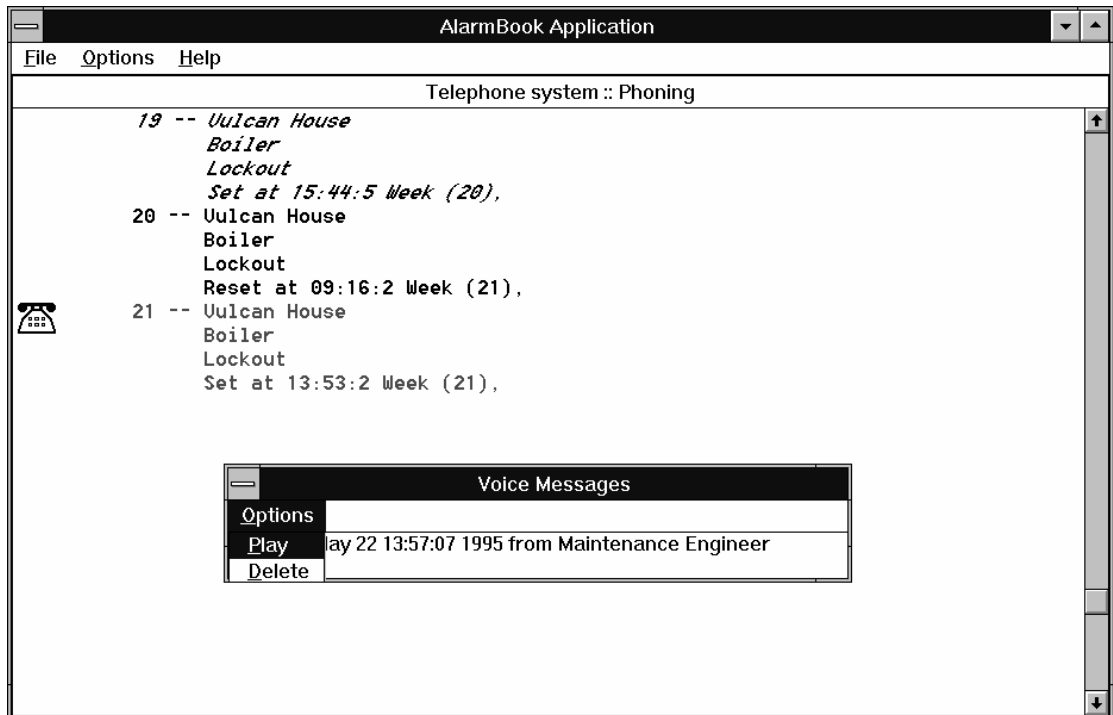


# BOOKCASE Series Software

## Talking Alarm System



### PHONEBOOK



PHONEBOOK informs the Allen-Martin BEMS manager, by 'phone, pager, or public address, of the precise nature and position of any malfunction in energy plant equipment.

Should that person be away from the office, on-site, en-route to an appointment or at home the alarms can still be received.

One or more individuals can be provided with a pass code number in the event of the senior manager being unavailable. When the 'phone rings you are invited to enter the pass code. This is done using the 'phone keypad. The "voice" will then inform you of the precise nature and position of the malfunction e.g. "East site boiler room, lockout in number two boiler". The voice is real, not a constructed robotic sound.

The system has a mail box facility where messages can be left and stored relating to any action implemented on the alarm or any action to be undertaken by the maintenance team.

If you cannot be contacted, the system can attempt to relay the message to other places, a car 'phone, a pager, or a public address system.

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### PHONEBOOK

Alarms can be acknowledged. Once the alarm has been acknowledged it ceases to "dial out".

The system works like this:

1. When an alarm occurs the CPU in the building records the fact. It then relays the message to the head-end computer. This may be in the same building or on a remote site.
2. The computer stores the alarm. The computer keeps a log of all alarms that have occurred in all buildings.
3. The computer then attempts to contact the BEMS manager by 'phone or by public address. If contact cannot be made by 'phone the system can be configured to re-try, or to dial elsewhere, or to wait until the BEMS manager rings in to receive messages.

The BEMS manager can obtain the alarms in whatever way is desired. The computer can be interrogated by 'phone. You can receive whatever alarms you wish whether PHONEBOOK rings you or you ring it. On the computer itself the permanent record can be viewed on screen or printed out in whatever sequence desired.

Other BOOKCASE series programs include PICTUREBOOK for day-to-day system operation, SKETCHBOOK for constructing the graphics, ALARMBOOK for real time alarm logging.



### Computer Specification

Processor :	DX or SX 486, 33 MHz machine.
Ram :	At least 4 MByte of RAM (8 MBytes preferred).
Graphics Adapter :	Super VGA graphics adapter with 1 MByte of graphics RAM.
Mouse :	Microsoft-compatible mouse.
Hard Disk :	System requirement 10 MBytes.
Ports :	1 parallel, 1 serial port.
Monitor :	Super VGA.
Operating System :	Windows version 3.1, Windows 95, Windows 98 or Windows NT.

In addition the PHONEBOOK module requires

1. Windows multi-media compatible audio input-output card.
2. Telephone interface card.
3. Speakers (optional).