

Multitone's Access Integrator range of alarm and messaging solutions provides integration of customers' alarm systems with Multitone DECT and paging systems.

Access Integrator-R (AI-R) is a cost-effective one-box alarm management solution that ensures any alarm is presented immediately to one or more pagers as a text message.

Prompt management of alarms by personnel using a pager ensures that the alarm is dealt with promptly and efficiently and can provide a range of benefits.

The Remote Link Controller (RLC) allows a local Access 3000 paging system to communicate with a remote LCU or other paging slave system devices over an IP link and allows the extension of the system Bus with speech. Note: AI-R must be ordered in pairs.

It also allows serial alarm data to be sent via the serial ports on the AI-R over the IP network between sites. Alarm data generated at the remote site can be received at the local site and processed by an alarm managed application.

AI-R has eight DLC alarm contacts and use is restricted to inputs and outputs. They may only be used in pairs at each end of the link, for example input 00 will provide an output on the remote RLC Integrator output 08. The output must be connected to an alarm management device.

Application notes

- AI-R may not be used to send free format messages and does not have a user database
- Warning: as with all LAN-based products, it is not advisable to make safety-critical team calls across the link because we are not able to control the link traffic
- Note that AI-R traffic does not get flagged as high priority traffic in the same way as VoIP traffic may on some systems

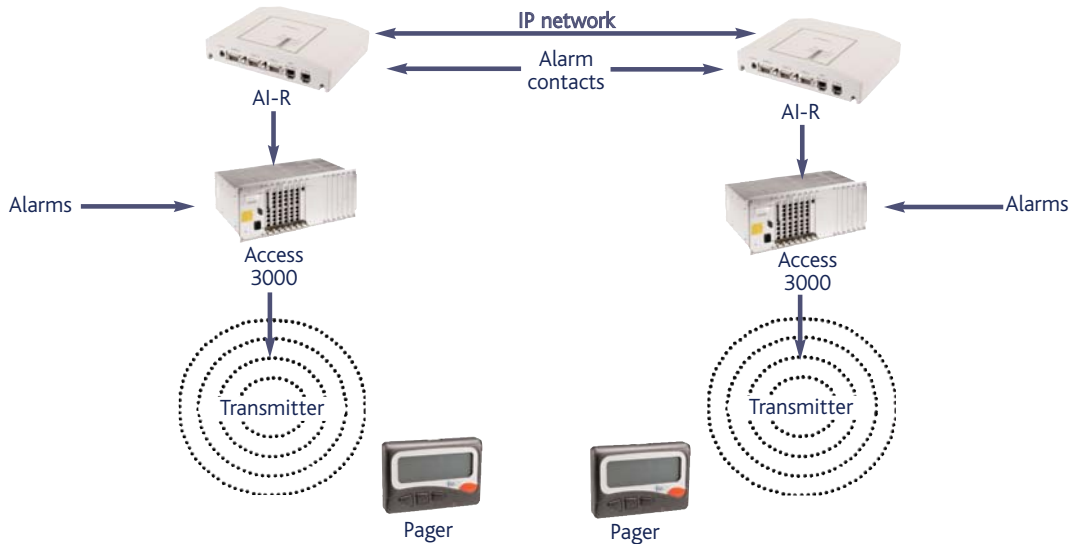
Administration browser

- Built-in browser for system administration
- A user-friendly interface making administration easy
- Any person with a PC or laptop on the local network may administer the integrator provided they have the proper user rights
- There are four levels of accessibility available
- Access Integrator is compatible with Windows, Mac or Linux operating systems using Internet Explorer, Mozilla and other common browsers

Key benefits

- Improved protection of property and goods
- Security personnel can walk and talk
- Improved customer or patient service
- Can attend promptly to alarms from manufacturing or processing machinery
- Can minimise the delay to resolve the problem and the risk of expensive repairs or lost production
- Messaging from fire alarm systems will ensure that personnel, guests, patients or visitors can be safely directed from the premises by managers on the move
- Alarm solutions can be adapted to almost any application
- Easy to use system administration from any PC terminal on the customer network

Access Integrator-R



Technical specification

Characteristics

- DLC Inputs: 8 active low fixed inputs – local AI-R
- Input voltage for low: 0.7V max
- Minimum activated time: 80ms
- DLC outputs: 8 active-open – remote AI-R
- Open collector output: 10k pull up to 5 volts
- Applied voltage (open cct): 30V max
- Maximum ON voltage: 1V at 100mA
- Maximum current (on): 100mA

Approvals and Declarations of Conformity

- EMC and safety for CE markings
- FCC part 15 class A devices (EMC)/US

Message lengths

- Free format from PC: 60 characters
- From alarm contacts: 60 characters

Connections

- There are two serial ports on Access Integrator
- The configuration of these ports can be changed to support different input protocols
- Serial port A and B are paired between the local and remote AI-R
- Serial port A at the local end is paired with serial port A at the remote end
- Similarly serial port B local is paired with serial port B remote
- Baud rate: may be set from 300 to 57600
- Parity: may be set for even, odd or none
- Data bits: may be set for 7 or 8
- Stop bits: may be set for 1 or 2
- SK13: RS485 system Bus to Access 3000

- Serial port A: 9-way D-type, configurable
- Serial port B: 9-way D-type, configurable
- Power supply: 110V/230V, +7 to +9V 600mA max

Environment

- Storage temperature range: -10°C to +70°C
- Operating temperature range: 0°C to +40°C
- Dimensions: 250mm (h) x 330mm (w) x 275mm (d)

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