Access 3000²

Access 3000^2, the world's most versatile paging messaging and control system. When there's no room for error, it delivers fast, accurate information to the palm of your hand, allowing you to focus on your number one priority - the emergency, patient, or the task-in-hand.

Multitone puts communications at the heart of your organisation, linking telephones, computer networks and specialist paging equipment together to deliver the fast, accurate transmission of time critical information to pagers, cordless handsets and even mobile phones.

Keeping You In Touch Wherever You Are

Your staff, individually, or as teams, need up to date information whether they're at their desks, mobile around the facility or outside the workplace. They need real-time access to information.

Access 3000^2 can do this! You can even link Access 3000^2 to national paging or mobile phone networks for both wide area paging and SMS messaging. So wherever you are, Access 3000^2 ensures the right message gets to the right person at the right time.

Messaging From Your PC

Multitone has developed specialist software enabling you to send messages directly from your PC. Just select the recipient or team from the built-in address book, type in your message and click on send. You no longer need to speak to an operator to send a paging call or SMS message.

Operating across TCP/IP it will run under Windows or as a web-based application, giving your whole team the benefit of instantaneous network communications.

Messaging From Alarms and Other Devices

Access 3000^2 can be connected to a wide range of devices to deliver faster more effective messaging:

- *Nurse-call systems - instant response to patient needs*

- *Personal security systems - increasing safety in the workplace*

- *Critical monitoring equipment - message delivery to the point of patient care.*

- *Computer based alarm systems - fire, security, building management systems and process controls*

Delivering Greater Value

As well as offering greater features and facilities, Multitone has developed new encoders using the latest hardware to deliver even greater performance in terms of message processing, queueing and transmission. Added to this is:

- *A new Windows based Management Terminal. Running under Windows 98, 2000, NT and XP, it is easier to use, offers better call logging facilities and provides a platform for future system enhancements.*

- *The Operator Console has been redesigned, giving it a more modern look and feel.*

- *New Pagers - The latest Multitone pagers have been redesigned using new plastics to reduce daily wear-and-tear and new software to provide more user options and greater functionality.*

Full Cordless Integration

The Access 3000^2 is an investment in the future. Using the Access Integrator, seamless integration with Multitone's Access 5000 and Access 6000 integrated PBX/DECT systems is provided, delivering paging functionality on cordless phones, where the handset can be made to behave like a pager, allowing it to receive team calls, one-way speech and unobtrusive text messages.

System Networking

Multiple Access 3000^2 systems can be linked together to provide a seamless radio communication network across multiple sites.

Supporting Tried and Tested Technologies

Access 3000^2 continues to support many of the tried and tested features supported on the original Access 3000 system:

- *Simple telephone interface - Supporting new telephone interfaces Access 3000^2 will easily connect to any PABX.*

- *Closing contacts - From a doorbell to a complex alarm system, this represents one of the simplest and most reli able forms of automated messaging.*

- *Standby systems - Access 3000^2 has been designed to support system and transmitter hot standby to deliver a fully fault tolerant solution.*
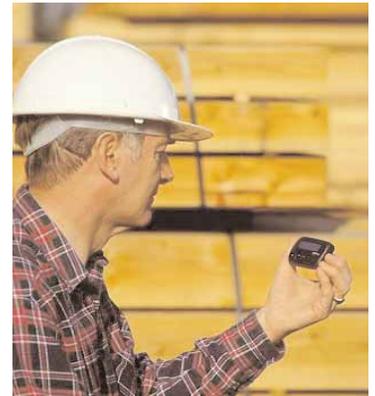
A Modular Solution Delivering Ultimate Flexibility

The convergence of PABX and IT systems allows Multitone to integrate totally with your applications to deliver time critical information where it is needed.

Access 3000^2 is a modular, highly versatile communications solution, combining advanced design with ease-of-use and it has enabled Multitone to deliver a highly cost-effective method of communicating for people who are constantly on the move.

Simply put Access 3000^2 delivers time-critical performance, low-cost messaging with total system integrity allowing your staff to be better equipped and more prepared when an emergency response is required.

The Modules

The versatility of Access 3000^2 is that you can pick and mix various system elements - or modules - according to your specific needs. Buy only what you want now. Change or add modules as your requirements grow.
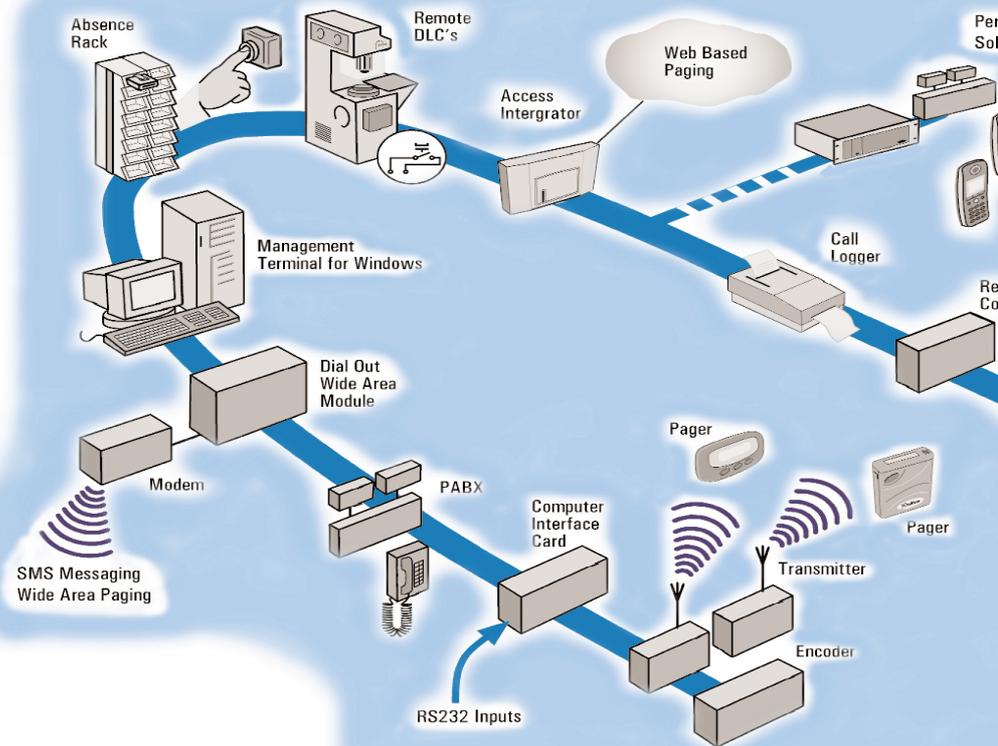
Computer Interface (RS232)

Designed to support messaging from:

- Nurse call
- Fire Alarms
- Building Management Systems
- Process Monitoring

And many other computer based messaging applications.

Team Calls

Teams of pagers can be set up in Access 3000^2 so that all users within a team receive the same paging call. With just one paging call you can warn several people of a fire, medical alert, security breach or maintenance emergency. What is more the message can be reinforced with speech ensuring immediate action.

Putting wireless communications at the heart of your organisation

Personal Security Solutions

Remote Link Controller

Modem

Simple System Expansion

Access 3000^2 can span an office, a warehouse or an entire site. You can extend Access 3000^2 from a central location to cover several other sites or a whole area to deliver a private wide area communications solution for your whole organisation.

Modem

Remote Link Controller

Operator Control Unit

Remote Site

Transmitter

Pager

Pager

Access Intergrator

Encoder

Dect Handsets

Absence Rack
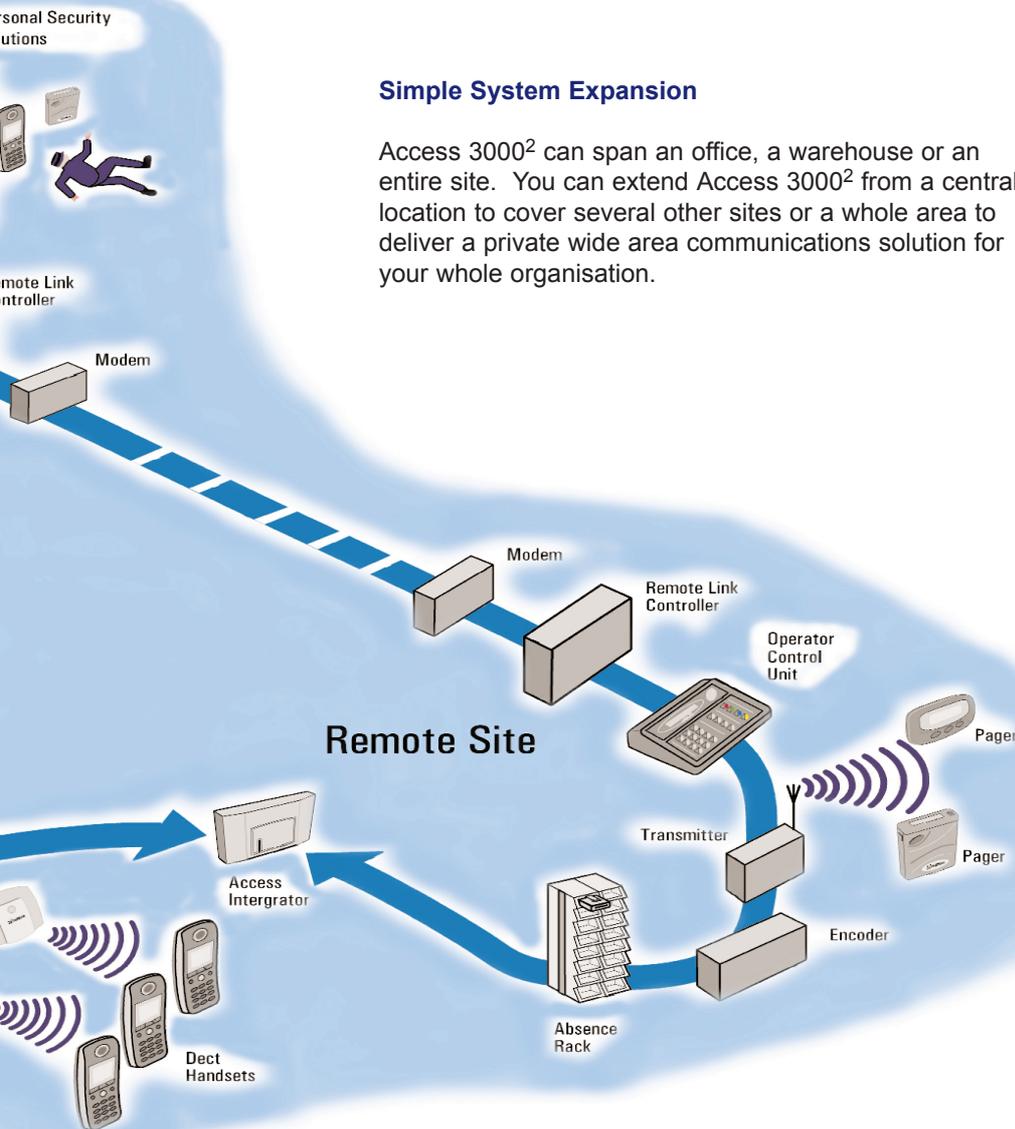
What More Could You Ask For?

Using advanced system modularity Access 3000^2 can be tailored precisely to your needs, whether you are a small hospital or a multi-site facility. Multitone has the experience, products and software to handle all your communication needs, integrating seamlessly with PBX's, PC networks, LANs, WANs, legacy system and a whole range of mobile devices.

Access 3000^2 Specification

Paging Capacity
The Access 3000^2 is available as a 500 user, 1500 user or 5000 user system

Team Capacity
500 User system	25 programmable teams with 250 team members
1500 User system	100 programmable teams with 1000 team members
5000 User system	100 programmable teams with 1000 team members

Contacts for Automatic Paging
Encoder	12 closing contacts
Direct line contact modules	Up to 16 contacts per interface with up to 992 contacts per system

Telephone System Access
Connection	Selector level
	Tie line
	Extension level (Not end-to-end)
Signalling	Dial Pulse (Not end-to-end)
	DTMF

Module Capacity
Up to 31 modules

Databus Length
Up to 1km or extended using the Remote Link Controller

Call Formats
Multitone digital
POCSAG (CCIR No.1)

Call Types
Tone and Numeric message	Tone only
Tone, Numeric, Fast Alpha message and voice	Tone only/meet me
Tone, Alphanumeric message and voice	Tone and voice

Call Priorities
4 levels - Emergency / High / Normal / Low

Radio Channels
Up to 8 radio channels

Talkback (to operator)
PC, paging console, telephone or pager talkback is available
Secure or permanent talkback channel monitoring is available

Talkthrough (to another pager)
PC, paging console or pager initiated

Absence (warns of absent pagers)
Self-registered absence by telephone, PC or paging console, for all pager types
Rack-registered absence available

Transfer (paging call to another user)
Each user on the system can have a transfer permanently assigned. The transfer is automatically activated when absence is registered.

Optional Voltages
220-240V AC 50/60Hz
110-120V AC 50/60Hz