

Multitone wireless solutions

Telephony & cordless

Multitone's wireless servers simply connect to your existing telephone system to provide mobility for improved communication. Management on the move becomes a reality with all the benefits of being able to walk and talk.



Multitone's wireless servers provide your workforce with the ability to communicate from anywhere within radio range of a system base station. By adding base stations and repeaters at strategic locations, coverage can easily be extended to suit your needs.

Wireless mobility benefits

Studies have shown that the workforce can spend up to 40% of its working day away from desks taking care of other pressing tasks. In today's workplace, up to six out of ten telephone calls are missed or not answered due to staff being more mobile. This is not cost effective, smart or best practice.

Wireless solutions

Wireless mobility solutions link to your existing telephone system using wireless base stations and repeaters to provide wireless mobility for mobile users around your business premises. Mobile handsets have the same features as traditional desk telephones, allowing calls to be received or made anywhere that wireless cover has been provided. Managers, supervisors and other key personnel can always be contacted and if the mobile user is busy the fall back is voicemail.

Wireless solutions range from small systems for 8 mobile users to very large systems of over 4000 mobile users. Connection to the PABX may be made through simple analogue, SIP or proprietary connection to Cisco Call Manager. Wireless systems are easy to install with no interference to your existing telephone system.

Analogue mobility servers

Analogue wireless servers connect to your existing telephone system using a pair of wires for each mobile user.

- The CS100 is a small business solution with a master base station and up to 6 repeaters to increase wireless handset range. It is ideal for mobility hot spots where being available to customers or other company personnel is critical. Up to 8 handsets may be used in conjunction with your existing desk telephone
- The wireless server 8000 is a small to very large flexible business solution for 512 wireless base stations or 1028 DECT handsets. A typical large system with 256 base stations may have over 500 mobile users. Fewer base stations will allow a greater number of DECT handsets to be used. The wireless server 8000 also supports DECT to DECT for users who do not need access to the local telephone network

Key benefits

- Improved time management with staff who can now manage their time on the move
- Improved sales as the call is answered first time, eliminating the need for voicemail
- Better customer contact as someone is always available to talk to your customers
- Internal calls are free, external calls are the same as from a wired phone
- No longer tied to a desk, enabling you to undertake more pressing tasks
- Problems are avoided - immediate answers given
- Minimal callback costs - no more post it notes
- Increased productivity

Voice over IP (VoIP) mobility servers

All modern telephone systems take advantage of VoIP to carry voice traffic over existing data networks, internally and/or between sites. In today's IP led market, VoIP offers many advantages for business users and Multitone offers a range of solutions that can greatly enhance your current or new IP telephony system.

Our systems integrate using the latest VoIP protocols, delivering cost-effective and superior quality mobility for voice and messaging, as an alternative to 802.11 (wireless LAN) offerings.

Multitone's IP telephone systems are suitable for connection to Cisco Call Manager or other IP telephone systems for small to large businesses, requiring mobility with minimum fuss and cost:

- wireless server 300 is a small DECT server for connection to a PABX that has SIP extensions. A single base station with up to six repeaters will provide a mobility solution for mobile personnel on most small business premises for up to 12 mobile handsets. All handsets have inter-operability with list of features
- CS600-IPL is a DECT server for use with Cisco Call Manager and supports up to 256 wireless base stations or repeaters and 1500 handsets for medium sized enterprises
- wireless server 6000 is a DECT server for large business applications of up to 4096 users and 960 lines. With a maximum mix of 256 base stations and repeaters, this system will provide mobility for personnel anywhere on site

Both the CS600-IPL and the wireless server 6000 may be configured on multiple sites as part of a single communications solution. This allows mobile users to carry the same handset for use at other sites.

All Multitone's IP systems are fully inter-operable with Cisco voice control components, such as CCM (Cisco Call Manager), SRST (Survivable Remote Site Telephony) and CCME (Cisco Call Manager Express), and with other selected IP protocols such as H323 and SIP.

Mobility and messaging from alarms and other devices

Multitone has a range of applications for mobility and messaging enhancements, so your handset is more than just a phone. Multitone's mobility servers can be connected to a wide range of devices to deliver faster, more effective mobility and 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, process controls

CH76-IS DECT handset



CS600-IPL wireless server



CH6040 DECT handset



Mobile handsets

Multitone's handsets have been designed as modern, lightweight, slim telephones to fit unobtrusively into your pocket and to operate with equal excellence in all market and industry sectors. Multitone has a variety of handsets, all of which are feature rich, high quality and affordable. Multitone's range includes robust, splash and dust resistant handsets as well as handsets for use in hazardous environments (please see below for more details).

The handsets have a number of features, including internal call identification, automatic call answering, vibrate and tone alert, telephone book, roaming, auto login and a redial function.

Handsets

- 2010 - basic handset
- CH72 - business handset
- CH74 - robust IP54 rated for dusty and damp environments
- CH76-IS - for use in environments where there are explosive materials, gas or liquids
- CH78 - GSM style handset with colour screen for business
- CH78BT - GSM style handset with Bluetooth headset support
- CH6020 - robust, industrial, GSM style handset with colour screen
- CH6040 - robust, industrial, GSM style handset with colour screen

Feature specification

	CS100	CS600-IPL	Wireless server 300	Wireless server 6000	Wireless server 8000
Handset/users	8	1500	12	4096	4096**
Base station(s)	1	256*	1	256*	256*
Repeaters	6	256*	6	256*	256*
PABX connection					
Analogue	✓				✓
Cisco		✓	✓ (SIP)	✓ (SIP)	
Digital					
SIP		✓	✓	✓	

* The total number of base stations and repeaters.

** Depending on system solution, 256 base stations will allow 512 DECT handsets to be used. Maximum registration is 4096 with DECT to DECT users included.

CH78 DECT handset



Wireless server 6000



For more information on our products please call:

+44 (0)1506 418198

or visit:

www.multitone.com

Multitone Electronics plc, Geddes House, Kirkton North, Livingston, West Lothian, EH54 6GU
 Tel: +44 (0)1506 418198 Fax: +44 (0)1506 411711 Email: info@multitone.com Web: www.multitone.com

This brochure is for guidance only. Products and services offered are subject to availability and may differ from those described or illustrated in this brochure as a result of changes. Specifications are subject to change without notice. Multitone Electronics plc is part of Kantone Holdings Ltd, a member of the Champion Technology group of companies. Registered office: Multitone Electronics plc, Shortwood Copse Lane, Kempshott, Basingstoke, Hampshire, RG23 7NL. Registered in England No. 256314.

Literature No: NPL074 Issue: 02



FM 20122