



Alcatel Mobile IP Touch Combining convergence and mobility

In today's tough business environment, responsiveness and efficiency are vital to maintaining a competitive edge. That means a top-quality interpersonal communications system that offers not just convergent voice and data, but full workplace mobility too. And with new technologies coming out all the time, it must be future-proof as well. Alcatel, the leader in IP communication for business, offers the most advanced convergent mobility solution in the market place.

Alcatel Mobile IP Touch 300 & 600 wireless telephones

- Reduce costs by leveraging the Alcatel OmniAccess WLAN infrastructure: the same wireless network supports data and voice
- Ensure top voice quality with QoS management throughout the workplace
- Provide access to OmniPCX telephony services
- Improve responsiveness and efficiency

The convenient, cost-effective solution

Alcatel Mobile IP Touch wireless telephones and OmniPCX (IP-PBX) combined with mobile terminals and the OmniAccess WLAN infrastructure deliver cost savings and simplified management of a converged voice and data infrastructure, allowing businesses to significantly improve employee efficiency, enhance customer service, and boost their bottom line. Function rich, Mobile IP Touch wireless telephones are designed to handle all applications,



from office use to industrial applications and critical mobility services.

QoS and security

To ensure top voice quality, Alcatel uses a voice prioritization mechanism for wireless LAN access points (OmniAccess 1200) and Mobile IP Touch. This standards-compatible protocol reduces packet queuing and voice traffic delays, ensuring that voice service will not be impacted by data traffic at the same access point. Mobile IP Touch wireless telephones are engineered to support emerging standards for QoS and security, allowing businesses to benefit from ongoing improvements in wireless network technology.

Alcatel OmniPCX: integrated telephony services

Mobile IP Touch wireless telephones are fully integrated with Alcatel's OmniPCX and offer a full set of services (inquiry call, transfer, conference, call forwarding, etc.) These services, available both during conversations and from idle, are easily activated by users, significantly improving communication efficiency.

Rugged, user-friendly mobility

Lightweight Mobile IP Touch wireless telephones are very simple to use, require minimal training and are rugged enough to withstand tough workplace conditions. The hardy monolithic design involves no moving parts or external antenna, so there is nothing to break or come loose. Combined with Alcatel OmniAccess WLAN infrastructure, Mobile IP Touch wireless telephones provide fully mobile worksite service continuity.



▲ Alcatel Mobile IP Touch 600 ▲



▲ Alcatel Mobile IP Touch 300

Alcatel Mobile IP Touch

Combining convergence and mobility

Future-proof technology

Mobile IP Touch wireless telephones are field-upgradeable through an integrated TFTP client, so handsets can be updated with new protocols, features, and capabilities as these become available. Based on global standards for WLANs, Mobile IP Touch wireless telephones simplify network infrastructure by allowing converged voice and data traffic over a single Alcatel OmniAccess wireless network.

Versatile on-site functionality

Mobile IP Touch wireless telephones are designed for a broad range of applications, from general office to industrial, and come with full accessories including headsets, chargers and carrying cases. In addition, Open Application Interface (OAI) means Mobile IP Touch handsets can function as two-way messaging devices, allowing integration with other company systems to give mobile staff access to critical information. Push-to-talk functionality is also available on IP Touch 600 for broadcast communication between employees, eliminating the need for two-way radios and walkie-talkies.

Mobile IP Touch full compatibility with company networks, standards-based wireless architecture, excellent voice quality and choice of handsets make Alcatel the ideal choice for all wireless LAN needs.

MAIN CHARACTERISTICS IP TOUCH 300 & 600

• Common features

- ▶ 802.11b standard-compatible
- ▶ Excellent voice quality on converged wireless networks
- ▶ H.323 VoIP protocol support
- ▶ Audio Coders G.711 (A- and μ -law)
- ▶ Text messaging support via Open Application Interface
- ▶ Soft-key feature access
- ▶ Audible and vibrating ringers
- ▶ Integrated TFTP client
- ▶ DHCP or static IP addressing
- ▶ FCC certification Part 15.247

• Radio specifications

- ▶ Radio frequency: 2.4000 - 2.4835 GHz
- ▶ Transmission type: Direct sequence spread spectrum
- ▶ Transmit data rates: 11, 5.5, 2, 1 Mbps, auto rate selection
- ▶ Transmit power: 100 mW peak; < 10 mW average

• Wireless QoS

- ▶ Proprietary Alcatel protocol to guarantee QoS

- ▶ Mobile IP Touch SVP Server is required to manage QoS between mobile terminals and OmniAccess WLAN infrastructure
- ▶ Server supports 80 simultaneous calls

• Wireless security

- ▶ Standard WEP 64 bit and 128 bit
- ▶ Proprietary fast secure roaming with Cisco LEAP

• Full telephony services

Mobile IP Touch wireless telephones are fully integrated with the OmniPCX call server and provide a full range of services:

General features

- ▶ Forward
- ▶ Forward on busy
- ▶ Forward on no reply
- ▶ Forward on busy or no reply
- ▶ Forward cancel
- ▶ Cancel remote forward
- ▶ Overflow on no reply to associate
- ▶ Last caller callback

- ▶ Last number redial
- ▶ Direct call pickup
- ▶ Group call pickup
- ▶ Call Park/retrieve
- ▶ Do not disturb
- ▶ Wake up/appointment reminder
- ▶ Cancel wake up
- ▶ Remote forward
- ▶ Cancel auto call back on busy
- ▶ Password modification
- ▶ Meet me conference
- ▶ Hunting group entry
- ▶ Hunting group exit
- ▶ Voice-mail consultation
- ▶ Business account code

Conversation specific features

- ▶ Inquiry
- ▶ Broker call
- ▶ Three party conference
- ▶ Transfer

Some other OmniPCX services such as tandem ringing (i.e., fixed and mobile terminals at the same time) are also available on Mobile IP Touch handsets.

MOBILE IP TOUCH 300

The ideal wireless handset for use in office environments.

Physical characteristics

- ▶ Display: Backlit dot matrix display with icons and line-status indicators
- ▶ Dimensions: 5.5" x 2.0" x 0.9" (139 x 50 x 22 mm)
- ▶ Weight: 4.2 ounces (119 gr)
- ▶ Battery capacity: 4 hours talk time, 80 hours standby

MOBILE IP TOUCH 600

Rugged design for industrial environments with push-to-talk functionality

Physical characteristics

- ▶ Display: Backlit dot matrix display with icons and line-status indicators
- ▶ Dimensions: 5.9" x 2.2" x 1.0" (149 x 55 x 25 mm)
- ▶ Weight: 6.0 ounces (170 gr)
- ▶ Battery capacity: 4 hours talk time, 80 hours standby

