

[www.ascom.com]

Ascom interoperability program

Our industry-wide partnering program helps us deliver seamless, end-to-end, on-site wireless communication systems for enterprises and service providers. Our goal is to ease the process and take the guesswork out of deploying wireless VoIP networks. We do this by establishing a set of technology requirements and best practices, conducting interoperability testing and certification and creating complete installation guides providing an on-going support system.

The scope of our interoperability program includes 3rd party applications that when combined with Ascom solutions, enhance the value of a wireless communication system by providing various services to mobile users. Our interoperability program is focused on, but not limited to, the following applications:

- VoIP Telephony Services interoperability by SIP/H.323/QSIG
- Wireless Networks interoperability by IEEE 802.11
- Messaging and Application integration to 3rd party communications platform

ASCOM WIRELESS SOLUTIONS is a world-leading supplier of on-site wireless communication solutions based on VoWiFi, IP-DECT, DECT, nurse call and paging systems. Our expertise and experience allows us to deliver solutions that can contain both message handling, alarm and mobility platforms for speech and data communication. Professionals in hospitals, elderly care, industry, secure establishments, retail and the hotel industry all benefit from the smart integration our tailor-made solutions represent. In turn, they enjoy facilitating mobility, enabling efficiency and increased personal security.

Every one of the 75 000 systems we have installed worldwide is unique, designed to solve specific customer needs and built to last. Thanks to our scaleable and modular architecture, as well as the optimal integration of modern wireless and IP applications, some of the systems we originally supplied 20 years ago are still in operation and reliably serving our customers' needs.

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ASCOM VoWiFi HANDSETS AND SYSTEMS DESIGNED TO SUPPORT IEEE 802.11 a/b/g/n STANDARDS



A COMPREHENSIVE COMMUNICATIONS SOLUTION

EFFECTIVE COMMUNICATION – OUR CORE BUSINESS

At the heart of Ascom's philosophy is smart integration – a unique ability to link systems, personnel and machines – for security and maximum efficiency. That is why we support a full range of open standards, while accommodating a comprehensive spectrum of PBXs, switches, access points and much more.

Ascom VoWiFi handsets and supporting systems are designed to accommodate open standards for communication systems, such as IEEE 802.11a/b/g/n for radio networks and SIP/H.323 for VoIP telephony. With Ascom VoWiFi handsets installed in the network you will get all the benefits of the .11n network capacity.

The VoWiFi system also supports 802.11i, 802.11x and 802.11e ensuring high level of security, authentication and voice quality.

Ascom VoIP Gateway

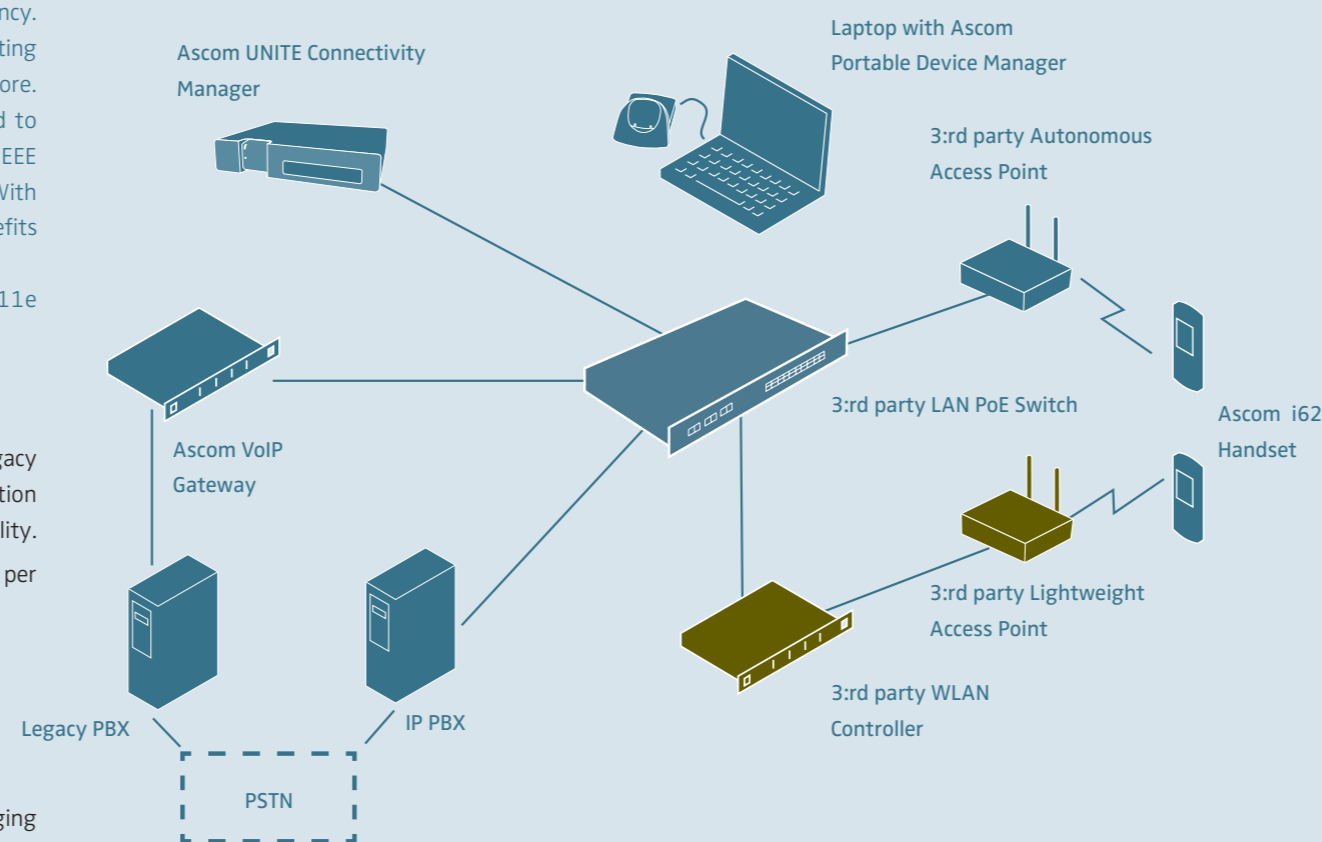
The Ascom VoIP Gateway (optional) allows smooth integration with legacy circuit-switched PBX or PSTN to provide high quality voice communication between Ascom VoWiFi handsets and the telephone system in your facility.

- Scalable and feature-rich telephony for up to 5,000 Ascom handsets per VoIP Gateway.
- T1 or E1 interfaces
- 60 simultaneous speech channels

Ascom UNITE Connectivity Manager – less downtime, more security

The Ascom UNITE Connectivity Manager facilitates rich alarm and messaging functionality and provides smooth integration with the various external systems. It is the core software platform of the Ascom UNITE messaging system.

- Two-way interactive messaging and alarms to and from each handset
- Complete message audit trail, greatly simplifying fault-tracing and other diagnostic procedures.



Ascom Centralized Portable Device Manager – an effective administration tool

Ascom i62 handsets are controlled by a centralized server-based management system. One single point of administration – a PC connected to the LAN /WLAN – makes it possible for the administrator to control all units, without ever having to collect the physical handsets.

- Over-the-Air (OTA) - wireless updates, upgrades and parameter setting/synchronisation
- Centralized management in a user-friendly, web-based environment
- Single point of administration
- Handsets can be programmed individually or in groups using templates to suit different users
- Phone book, group templates, software and configurations handled centrally
- Less administration – no need to collect the handsets when updating
- Ensures that all devices are configured according to company policies/rules

Ascom VoWiFi handsets – combining voice, messaging and alarms

When effective communication can have a direct effect on safety, health or security, multi-feature handsets and a support system of the highest standard are a necessity rather than a luxury. So choosing a handset and system that meets these demands should receive the highest priority. The Ascom i62 VoWiFi handset handles virtually any type of communication via voice, messaging, alarms or application interaction.

- First VoWiFi operating on all IEEE 802.11 a/b/g/n networks
- Superior throughput with .11n technology
- Supports QoS 802.11e (WMM, U-APSD, TSPEC-based CAC)
- Superior coverage range
- Enterprise-class Security through 802.11i (EAP, TKIP, AES-CCMP)
- VoIP protocol: H.323, H.450, SIP (RFC 3261)



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