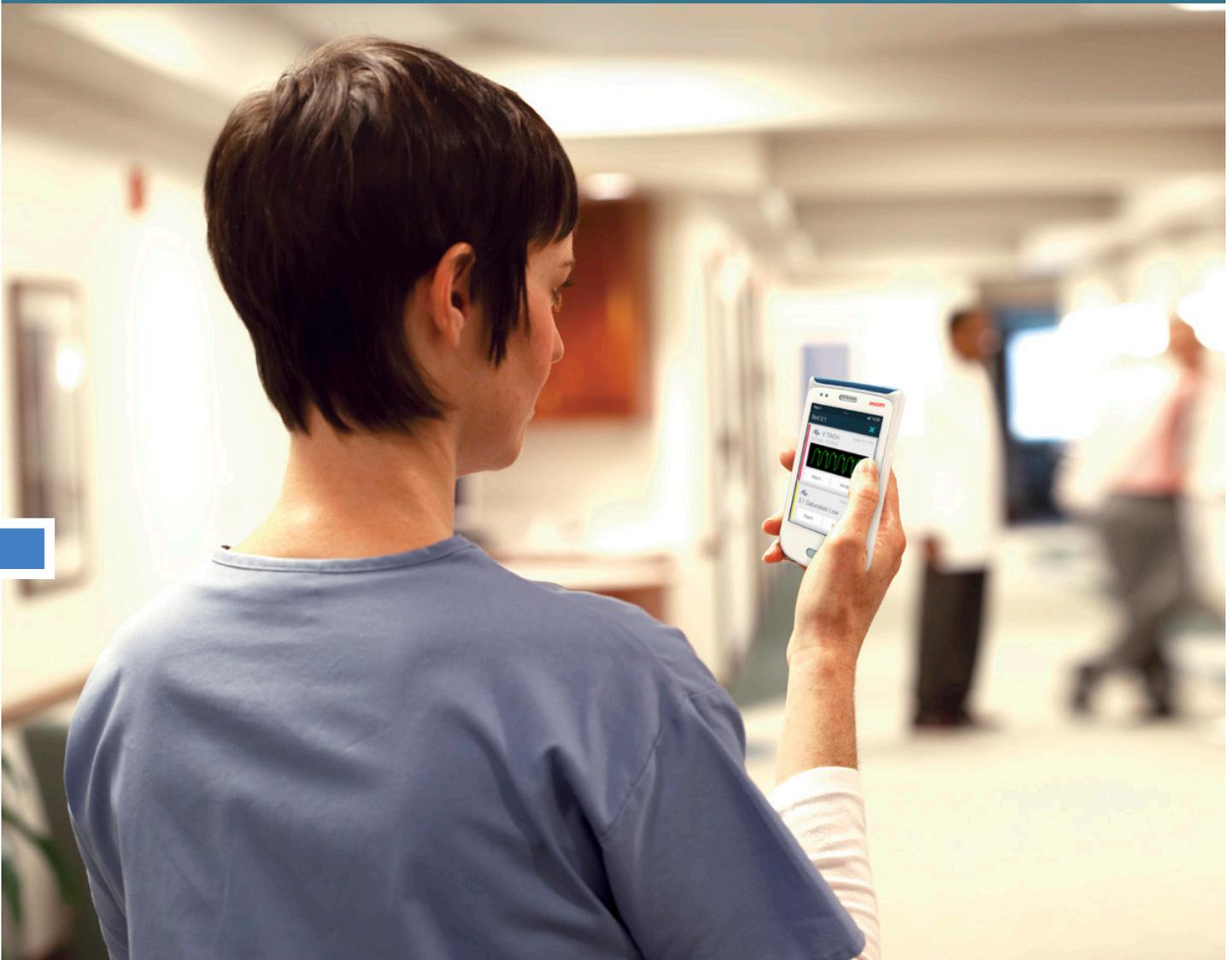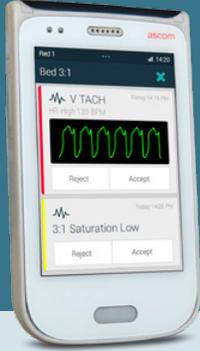# ascom

ASCOM VOWIFI SYSTEM
THE COMPLETE, STANDARDS-BASED
VOICE OVER WIRELESS FIDELITY
COMMUNICATIONS SOLUTION

Ascom VoWiFi System

Ideal for healthcare environments, this reliable on-site communication system is a unique wireless solution that can be integrated with existing networks, increasing staff efficiency and productivity.

The Ascom VoWiFi system consists of market-specific WLAN handsets (supporting the IEEE 802.11a/b/g/n standards) as well as components for reliable alarm, messaging and voice communications. This professional grade communication solution may be integrated with IP-PBXs via a direct SIP interface or with TDM PBX's via Ascom VoIP Gateways. The Ascom VoWiFi system provides advanced digital telephony features such as:

- Name and number call line identification
- Hold
- Transfer with and without consultation
- 3 party conference
- Call waiting notification
- Diversion with redirection identification
- Message waiting notification

Handsets

We asked nurses and clinicians what they wanted from a communication tool, then used their feedback to design the Ascom Myco handset. Offering an IP54 rating, top display, barcode scanning and a rear camera, this hardened Android device is much more than a typical smartphone.

Rugged i62 handsets provide three programmable soft keys, a four-way navigation pad, hands-free speaker mode, inverted text option and one touch alarm button. Both handsets offer user profiles, extended battery life and remote programming.

Unite Professional Messaging

The Ascom Unite Messaging Suite provides select Ascom handsets with two-way messaging, user originated data and mobile alarms.

The message is instantly displayed allowing quick and accurate response. All messaging activities are recorded in the Ascom Report Manager (optional) providing real-time activity logging for complete audit trail records and reporting.

T1 VoIP Gateway

The Ascom T1 VoIP Gateway enables seamless integration with a circuit-switched PBX or public-switched telephone network (PSTN) to provide high quality voice communication between Ascom handsets and any other telephone.

Containing two T1 or E1 interfaces, the VoIP Gateway supports QSIG, NI-2, 5ESS, DMS100 ISDN and E&M CAS protocols, in addition to performing handset registration and call routing to optimize channel usage. The Ascom T1 VoIP Gateway is designed for enterprise environments and contains no moving components. Gateways can be stacked to optimize the grade of service to the PBX, while maintaining a single browser-based management application.

"Our VoWiFi solution has set the standard for voice on Wi-Fi networks. Now with the Ascom Myco handset we are raising the bar with a QWERTY keyboard, EMR access and barcode scanning capability."

– Tim Whelehan, President & CEO, Ascom US

Analog VoIP Gateway

The Analog VoIP Gateway enables seamless integration with a circuit-switched PBX or public-switched telephone network (PSTN), providing high quality voice communication between Ascom handsets and any other telephone. Containing 8 analog, FXO interfaces, the Analog VoIP Gateway provides a cost effective interface for small to medium enterprise environments with highly advanced call features. The Analog VoIP Gateway is compact and designed for high availability with its embedded appliance architecture, no moving components, and powered by Asterisk Business Edition software.

It provides an intuitive web browser interface to allow central management to branch offices. Gateways can be stacked, providing additional analog port interfaces when necessary.

Portable Device Manager

The Ascom PDM is a software application that provides firmware updates via a USB cradle or over-the-air. The PDM allows users to utilize any Ascom handset to access their personal configuration settings. Handset replacement is facilitated by the central storage of configuration information.

WLAN Interoperability

The Ascom VoWiFi solution supports various enterprise WLAN systems following IEEE standards. For optimum quality and feature support, WLAN products need to be certified with the Ascom VoWiFi system. Please contact an Ascom Regional Channel Manager for a list of certified WLAN systems.

For More Information

To learn how a custom Ascom solution can improve the efficiency of your business, visit www.ascom.us or call 877-71ASCOM.

Ascom VoWiFi Handset Feature Comparison			
Licenses/Features	i62 Talker	i62 Messenger	i62 Protector
Hands-Free	✓	✓	✓
Headset	✓	✓	✓
Locationing	✓	✓	✓
Personal & Central Phonebook	✓	✓	✓
Built-In Vibration	✓	✓	✓
Over-Air Software Updates	✓	✓	✓
Illuminated Display	✓	✓	✓
Illuminated Keypad	✓	✓	✓
3 Programmable Soft Keys	✓	✓	✓
Interactive, Color-Coded Messaging		✓	✓
Large Font Option		✓	✓
Enhanced Push-To-Talk[1]		✓	✓
Mobile Alarms			✓
Man-Down / No-Movement Alarm[2]			✓

About Ascom

Ascom is the Americas' market leading developer of healthcare communication solutions, providing system users with greater freedom of movement, efficient alarm management and increased safety. Our research and development focuses on innovative technologies for call systems, medical device integration and wireless communication tools to support and optimize our customers' mission-critical processes.

[1]PTT functionality requires the IGC and AA60 or a customer supplied conference bridge. [2]Man-down/No-Movement alarm is an optional feature available on the Protector model 2A and later. Specifications are subject to change without notice. This product is not a Medical Device.