

Ascom
myco[♥]
Smartphone

How can the new
Ascom smartphone
increase patient
engagement at your
hospital?

ascom





Ascom Myco

Designed by nurses, for nurses.

For More Information

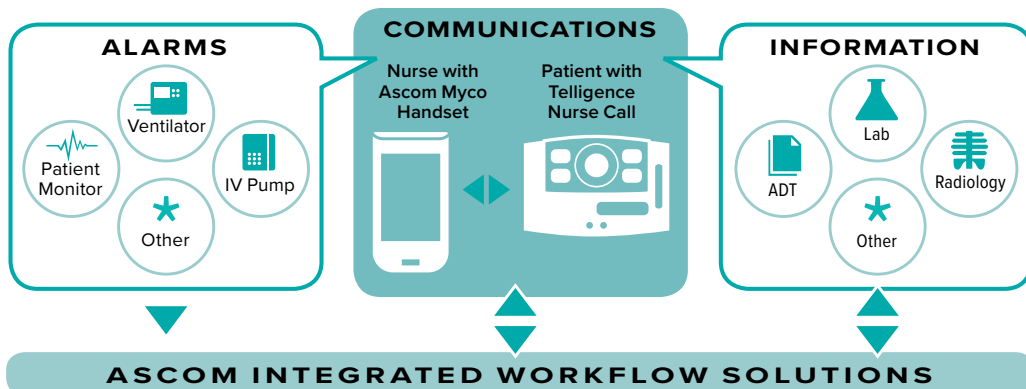
To learn how an Ascom communication solution with Myco can improve patient satisfaction and the efficiency of your hospital, visit healthcaresmartphone.com or call 877-71ASCOM.

Information Bottlenecks

In a typical shift, nurses walk an average of 4.3 miles completing administrative tasks, serving patients and retrieving information. Although the leading causes for disability or early retirement are due to foot and back problems, nurses need critical information from various departments and walking is the only way to get it. Another detriment of inefficient information flow is a decline in the quality of patient care. When nurses spend most of their time walking among various points of information, they have less time to spend with patients. Ascom saw the need for easy mobile communication for clinicians and Myco was born.

Myco: Designed by Nurses

We talked to nurses and followed on rounds to experience their daily challenges. Ascom worked with clinicians to design a user friendly smartphone to effectively manage alarms and bring patient information to the point of care.



Purpose Built For Healthcare

Barcode Scanner

Rear-facing 1D/2D reader designed for ease of use.

High Capacity Battery

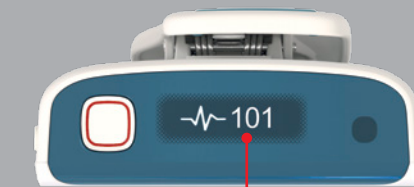
Easily swapped in a few seconds, the Myco battery locks in place and is built from same materials as the main body, withstanding constant falls and corrosion from disinfecting agents (IP54).

Carrying Clip

With configurable color ID tag, the Myco clip distributes weight evenly and provides a firm grip, even on a single layer of fabric.

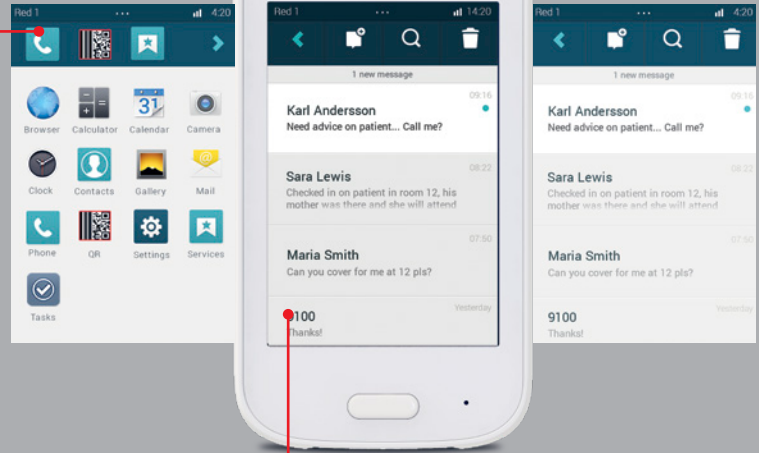
Priority App Handling

While mission critical applications get priority access to system resources, Myco is compatible with thousands more from authorized Android developers. Sandboxing ensures patient data is safeguarded.



Unique Top Display

This notification enables at-a-glance, hands-free operation. Myco's color coded LED complies with medical alarm standards for easy prioritization.



Patient Centric Interface

Myco's patient-centric home screen provides a quick overview of alerts and assignments. Accept, reject, forward with ease and the assurance of pre-configured auto-escalation.

The Ascom Myco solution is a purpose built mobile communication hub that consolidates information from myriad hospital systems and delivers it into the hands of caregivers.

Alerts and alarms, for example from patient monitoring systems are organized and automatically escalated based on priority. Myco also supports integration with a wide array of 3rd party applications available in the Android Marketplace.

Smart Alarm Management

The increasing number of healthcare information systems results in a cacophony of audible alerts and alarms. The noise is so pervasive in some facilities that individual alarms can go unnoticed.

Alarm fatigue has consistently been rated as one of the Joint Commission's top patient safety concerns for the healthcare industry. Through innovative nurse-inspired design, Ascom Myco was created to tackle this issue head on.

Managing alarms through smart filtering rules and automatic escalation, Myco's alarm tones and notification colors are consistent with those outlined in IEC standard 60601-1-8 which include different beep codes and beacon colors to match different alarm priorities. These alerts tones and colors are displayed on the home screen, as well as on the top display and organized based on message priority.

Calm Technology

The key philosophy behind the Myco concept is that healthcare technology, and the nurse's interaction with it, should exist in the background. With this in mind, Ascom brought the easy navigation and convenience familiar to clinicians from personal smart devices to a durable phone built specifically to withstand the rigors of daily use in a hospital. Not just another communication device, Myco seamlessly integrates into the healthcare workflow, providing the right information at the right time.

Ascom Myco Technical Specifications

Dimensions: 4.45" x 2.56" x 0.63" (excl. clip).

Weight: 6.3 oz.

Color: White.

Clip: Hinge-type, changeable color pad.

Operating System: Android™ 4.4 KitKat®.

CPU: ARM Cortex A9 1 GHz Dual Core.

GPU: 3D Hardware accelerated graphics.

Built-in Memory: 4 GB Flash, 1 GB RAM.

Sensors: Three-axis accelerometer, proximity, light sensor.

Browser: HTML5.

SIM: Micro-SIM.

WiFi: 802.11 a/b/g/n.

Camera / Barcode Scanner: 1944 x 2592px (5MP). 1D linear, 2D matrix¹.

Battery: Removable Li-ion 1520 mAh battery.

Messaging: Text messaging, MMS, email, Ascom interactive messaging.

Connectors: dual port supports charging rack and micro USB.vv

Audio

Ring signal: Adjustable in 8 steps.

Earpiece: Adjustable in 8 steps of 3dB each.

Max. ring level: 88 dBA @ 10 cm.

Loudspeaker: Duplex loud speaking function.

Languages

13 (Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese, Portuguese (Br), Russian, Spanish, Swedish).

Accessories

6 slot charging rack for handsets and/or batteries.

User Interface

Front Display: 320 x 480px display (166 ppi). Shatter, scratch-resistant Corning® Gorilla™ Glass 3.

Top Display: 128 x 32px, monochrome OLED with color-coded priority beacon.

Vibration: Incoming call/message.

Buttons & Keys: Home, power, volume (up/down), multifunction/alarm button.

About Our Company

Ascom is the leading Information and Communication Technology provider, delivering integrated workflow intelligence via services and applications that connect and mobilize healthcare professionals to improve patient safety and satisfaction. From scalable nurse call communication systems for better clinical workflow to the first purpose-built smart devices for healthcare, all Ascom solutions seamlessly integrate via Ascom Unite software into existing systems in hospitals, clinics and senior living communities. Based in Research Triangle Park, North Carolina, Ascom is a subsidiary of Ascom Group. For more information, visit www.ascom.us and follow @AscomNA and LinkedIn.

¹Functionality requires additional license.



Ascom
300 Perimeter Park Drive
Morrisville, NC 27560
www.ascom.us | @AscomNA

ascom