

# Ascom Smart Nurse Call systems

It's all about better outcomes





*Smart Nurse Call systems using the Ascom Healthcare Platform can help ease staff workloads, give clinicians better information and provide patients with a quiet healing environment as well as the constant reassurance of help at the push of a button.*

Built on the Ascom Healthcare Platform that collects information from multiple sources—the patient, medical devices, healthcare applications and other systems—a smart, reliable nurse call system can give caregivers critical insight that goes well beyond traditional nurse call. In addition, it allows flexible integration with 3rd party systems, the use of new and existing workflows and tasks to enhance efficiency, and enables digital reporting and auditing.

## Documented improvements

Working with Ascom workflows and mobility solutions, Chase Farm hospital in the UK was able to see noticeable improvements and time savings.



**Saving up to 40 mins  
per bed turnaround  
time**



**Wards saving up  
to 45 mins per day  
throughout**



**Nurses saving up  
to 30 mins per day  
throughout**



**Theatre recovery  
throughout saving  
15 min per patient**

## Nurse call on your terms

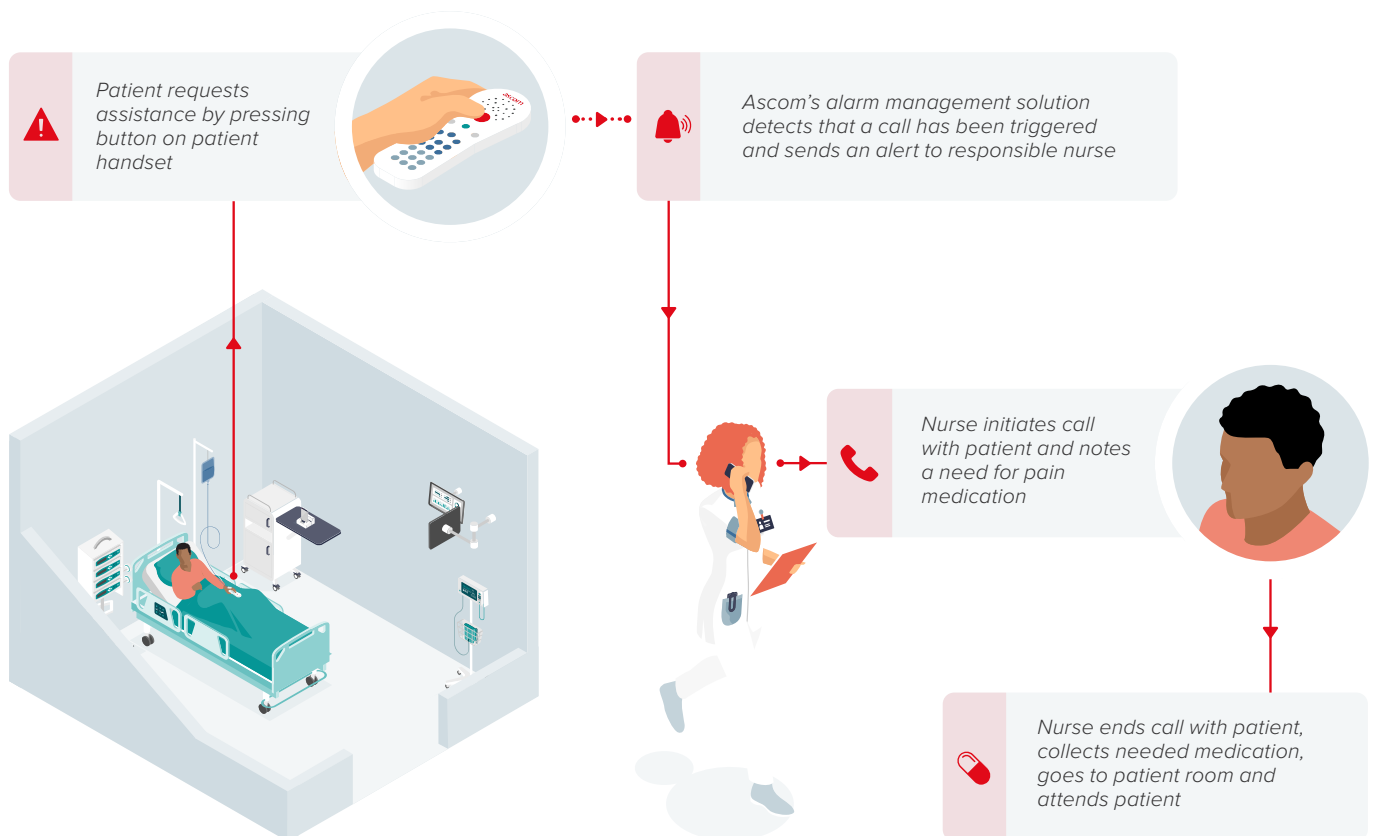
Ascom smart nurse call systems are designed to adapt to the hospital's workflow. Whatever your hospital's needs, we ensure the solution is interoperable with existing and/or planned communication systems and infrastructure.

## Solution components

The solution typically includes modules from our software suite, as well as enterprise-grade handsets that include everything from the Android Enterprise Recommended\*\* Myco smartphone to a wide range of DECT and VoWiFi phones and pagers. It is part of the Ascom Healthcare Platform with open API and integration into medical devices, electronic patient record systems, and brings efficiencies to a fully connected smart hospital.

## Patient request for pain medication answered on nurse mobile device

### Workflow example



### Smart Nurse Call systems

- 1 Faster response time to patient alerts and requests
- 2 Fast delivery of care with high-quality voice communication with patients
- 3 Improved patient satisfaction and decreased wait times
- 4 Improved quality of care and increased revenue generation
- 5 Enhanced staff workflows via digital reporting and auditing



### Your challenges

- Single-patient rooms can block nurses' line of sight and hearing, making it difficult to locate colleagues
- Traditional push-button, flashing-lamp nurse call systems are not integrated with other hospital automation processes
- Nurses do not know the nature of the patient request until further communication
- Limited access to alarm notifications—alerts only displayed at fixed locations (nursing station, hallway monitor, etc.)
- Delays in fulfilling the patient's request

### Features and benefits\*

- Scalable and fully customizable to your hospital's workflows and the needs of different users
- Option of wired and / or wireless system to give a safe environment and support mobile patients
- Flexible integration platform for a full choice of medical devices, while also giving a clear overview of smart connected devices
- Seamless integration with other alarm sources and contextual information via the Ascom Healthcare Platform with all assigning, logging and reporting of events in one place
- Enhanced near real-time logging of the complete trail from event to messaging to cancelling. As well as the ability to create and customize reports from different perspectives and different alarm/event sources
- Multiple options for tasks and workflows with role-based user authentication, the smartphone app and the TelliConnect display for more advanced operation

- 7" TelliConnect screen display device in patient room can open different applications and information from multiple sources—from seeing if medical devices are connected or registering vitals to any other HTML-based application like controlling room temperature, lights and window blinds
- Flexible options for voice communication between patient and mobile staff allow quicker responses, reduce unnecessary clinician steps and provide extra reassurance to patient
- Easy to connect to 3<sup>rd</sup> party fall prevention and bed sensors for a safer environment
- System complies with local and international regulatory standards, including EU MDR for connecting medical devices
- Open system via API and ability to connect to other systems—connect nurse call to any other middleware via OAP, share data such as locations to 3<sup>rd</sup> party systems, and create your own reports and dashboard based on logged information in SQL database
- Single connector for bedside modules, connecting different devices like pillow speakers or medical devices. With Safe-Connect magnetic breakaway cords for improved patient safety

\* All features may not be available with all systems



\*Android is a registered trademark of Google PLC.  
Microsoft Windows® is a registered trademark of Microsoft Corporation.

<sup>1</sup> Sepkowitz, Kent A; Eisenberg, Leon. "Occupational Deaths Among Healthcare Workers". Emerging Infectious Diseases, 2005–07, Vol. 11 (7), pp. 1003–1100.

<sup>2</sup> Enrico Coiera (2015) "Guide to Health Informatics", CRC Press, Boca Raton, Fla.

<sup>3</sup> Machon, Michelle; Knighten, Mary Lynne; Sohal, Janet. "Improving Clinical Communication and Collaboration Through Technology: A Benefits Analysis for Nurse Leaders". Nurse Leader, 2020-10-01, Vol. 18 (5), p 481.

# ascom

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## **About Ascom**

Ascom is a global solutions provider focused on healthcare ICT and mobile workflow solutions. The vision of Ascom is to close digital information gaps allowing for the best possible decisions—anytime and anywhere. Ascom's mission is to provide mission-critical, near-real time solutions for highly mobile, ad hoc, and time-sensitive environments. Ascom uses its unique product and solutions portfolio and software architecture capabilities to devise integration and mobilization solutions that provide truly smooth, complete, and efficient workflows for healthcare as well as for industry and retail sectors.

Ascom is headquartered in Baar (Switzerland), has operating businesses in 18 countries and employs around 1,300 people worldwide. Ascom registered shares (ASCN) are listed on the SIX Swiss Exchange in Zurich.