

# **Ascom Clinical Monitoring and Alarm Management Solution for Acute Care**

From the enhanced Ascom Healthcare Platform





## We make it easier for clinicians to make vital decisions

*The Ascom Clinical Monitoring and Alarm Management Solution (CMAMS) meets two urgent needs in modern healthcare: monitoring of isolated or 'invisible' patients in single occupancy rooms; plus the efficient and secure management of clinical alerts. No matter their location, medical staff receive clinical alerts, and can view near-real-time data from bedside medical devices on their handsets, PCs or wall-mounted dashboards. The Ascom Clinical Monitoring and Alarm Management Solution is all about better outcomes.*

### **Key benefits**

The Ascom Clinical Monitoring and Alarm Management Solution offers numerous benefits to patients and clinicians:

- Live dashboard provides an overview of data and events for situational awareness, which results in clear visibility of all patients at any time
- Monitoring and fast responses can help reduce falls and mitigate their impact<sup>1</sup>
- Enables thorough patient assessment with near-real-time clinical data during rounding
- The distributed alarm system offered by CMAMS can help reduce responses times to critical patient events<sup>2</sup>
- Clinicians - irrespective of their location in the facility - can access clinical data without walking to nurse stations or stationary displays
- Statistical reporting provided for data analytics and workflow optimisation, so that medical professionals can identify and minimise sources of nuisance alarms and optimise workflow

## Always interoperable Always on your terms

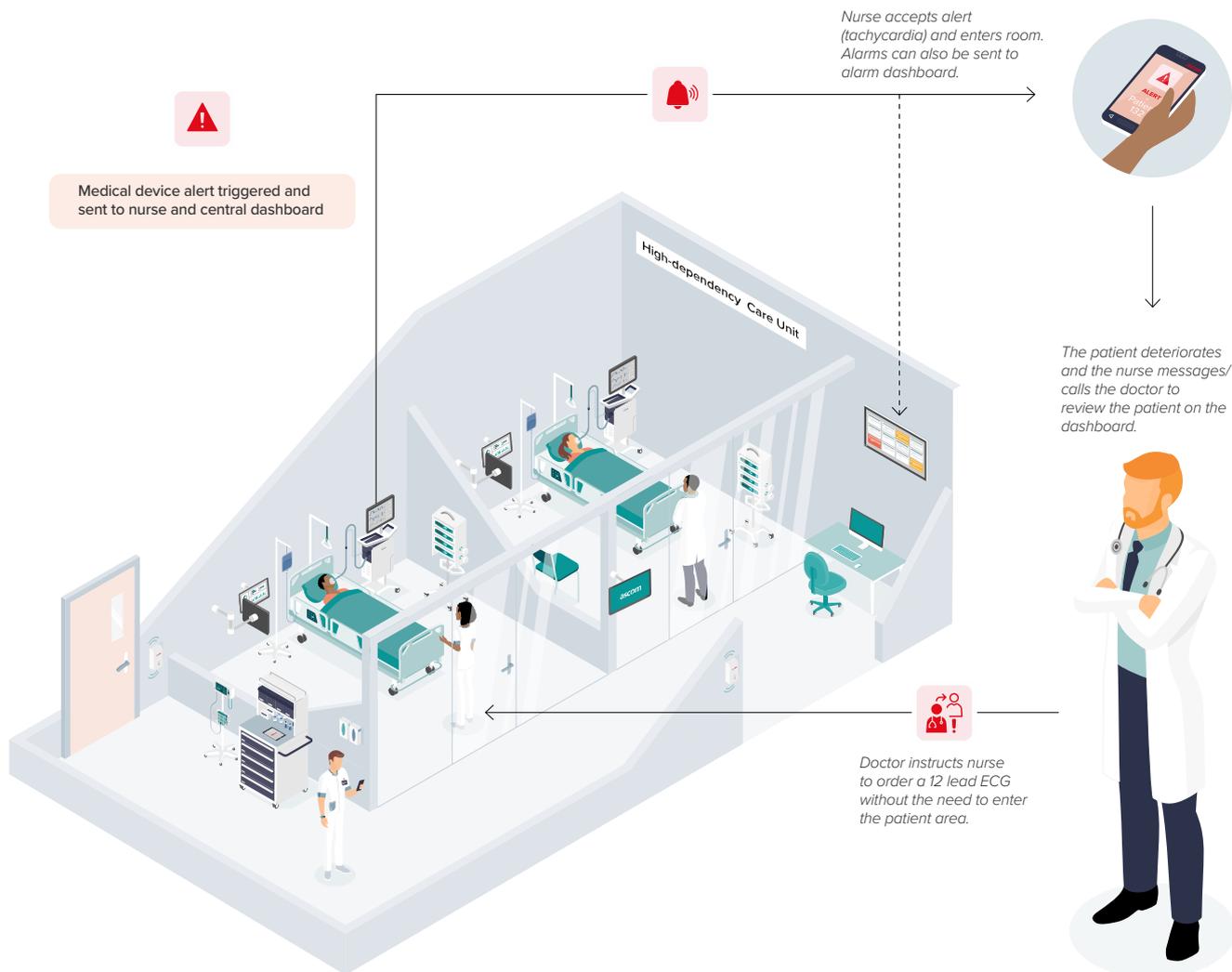
Each Ascom Clinical Monitoring and Alarm Management Solution is unique - tailored to a specific site. But whatever the needs of a hospital, Ascom ensures the solution is interoperable with existing and/or planned communication systems and infrastructure.

## Solution components\*

An Ascom Clinical Monitoring and Alarm Management Solution typically includes modules from our software suite, as well as enterprise-grade handsets that include everything from the Android Enterprise Recommended\*\* Myco 3 smartphone to a wide range of DECT and VoWiFi phones and pagers. Ascom is vendor neutral, so other products will also integrate.

*\*Solution components are enabled by listed Ascom products.*

## Workflow example



*“The Ascom solution allowed us to make the patients visible to the nurses, no matter where they were in the building.”*

**Natalie Forrest**

Former CEO, Chase Farm Hospital London



### Some of the challenges

- Continued focus on cost effectiveness
- Increased use of single-occupancy rooms to promote a quiet healing environment for patients
- Need to deploy a patient-centered care team model
- An increased move towards digitalisation of healthcare
- Ageing populations mean increasing numbers of elderly patients, many of them high with fall risks
- The spread of single-occupancy patient rooms is decreasing patient visibility, placing more monitoring pressure on already busy staff
- Nurse shortages combined with data siloes and non-interoperable communication systems can compromise patient safety<sup>3</sup>
- In the post-Covid-19 world medical staff need solutions that help clinicians safely monitor infectious patients

### Features and benefits

- Proven and deployed at facilities worldwide
- Fully open and interoperable with a large number of medical devices and healthcare communication systems on the market
- A uniquely end-to-end solution. Includes everything from initial assessment with Ascom Clinical Consultants to tailored Solution Lifecycle Plans and worldwide training
- Easily scalable thanks to micro-service architecture based on Microsoft Windows®. The solution is equally at home in small specialist clinics or in multi-site healthcare systems
- Reliable alarm notification distribution with supervision from source to responder. Ensures alarms are never lost in the system and quickly detect faults

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

<sup>1</sup> Seow JP, Chua TL, Aloweni F, Lim SH, Ang SY. Effectiveness of an integrated three-mode bed exit alarm system in reducing inpatient falls within an acute care setting. *Jpn J Nurs Sci.* 2022 Jan; 19(1):e12446. doi: 10.1111/jjns.12446. Epub 2021 Jul 19. PMID: 34286920.

<sup>2</sup> Enrico Coiera (2015) *Guide to health informatics*, CRC Press, Boca Raton, Fla.

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



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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.