Ascom Healthcare Platform

It's all about better outcomes

Improving patient experience and outcomes

Before we explain what the Ascom Healthcare Platform is, let's explain what it does. The Ascom Healthcare Platform makes it easier and safer than ever for clinicians to make the best possible care decisions for patients.

That's good news for doctors, nurses and hospital managers. It's also great news for patients and their families. That's because clinicians now have a unified user interface when using any Ascom solution for acute care. Here are some of the benefits:

- Coordinate care teams' tasks and responses

- Manage alarm and nurse call notifications

- Provide proactive care thanks to our Clinical Decision Support System (CDSS) solution

- Optimise staff efficiency - while simultaneously helping to reduce cognitive burdens and distractions on frontline clinicians

- Create quieter, calmer healing environments with our silent medical alarms solution

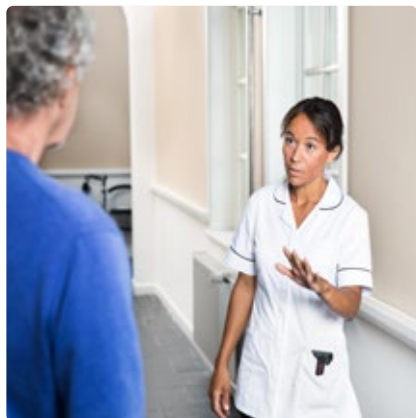- Support business continuity with virtualised solutions and open APIs

With you every step of the way

Each solution is - like all Ascom healthcare workflow orchestration solutions - fully open, vendor neutral, and interoperable. They work with virtually all existing and/or planned ICT infrastructures, medical devices and healthcare IT systems.

Moreover, each solution is designed to be easily scalable - equally effective in a single facility as in a multi-site healthcare organisation. And regardless of its size, each solution is supported by worldwide implementation, customer support and training programmes.
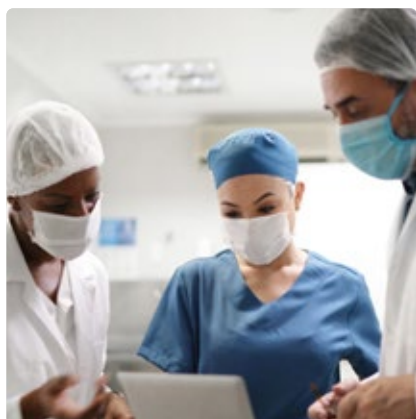
Seven Ascom solutions. One Ascom UI

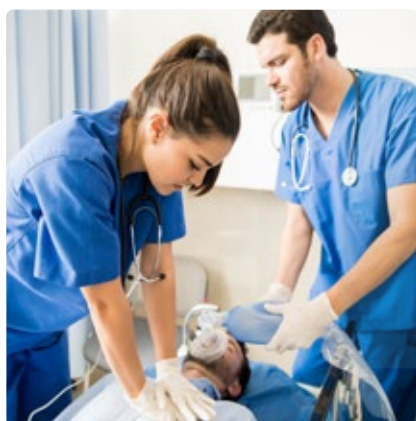The expanded Ascom Healthcare Platform consists of seven solutions.

Workplace and staff safety

Improve frontline caregivers' safety and confidence. Enhance the working environment, and help improve efficiency. The Ascom workplace and staff safety solution is an integrated, end-to-end system. It offers a location function with room-level accuracy. As well as automatic 'man-down' and 'no-movement' alarms for when staff members cannot raise the alert themselves.

Care coordination

Coordinate the responses of team members across any facility. Save precious time by sending near-real-time clinical data to clinicians, and not vice versa. Ensure all relevant clinicians have easy access to data while on the move, enabling them to consult with colleagues, then share data as diverse as videos, vitals, photos, messages and waveforms.

Response teams management

Activate and manage different emergency response teams anywhere in your facility. Securely mobilise individuals, teams and roles with the push of a button. Prepare response teams by sending near-real-time clinical and patient data direct to their smartphones and other devices.

Smart nurse call systems

One of the world's most advanced nurse call solutions but still interoperable with virtually all existing systems and infrastructure. Ascom's smart nurse call solution gathers data from multiple sources: medical devices, wall-mounted modules, pillow speakers, patients' nurse call buttons etc. Highly scalable, the solution is used and trusted in countless hospitals worldwide.

Clinical monitoring and alarm management

Keep mobile clinicians in the loop by displaying near-real-time clinical data on their smartphone. Help ensure that alarm notifications are filtered and sent to the right recipients. Help clinicians save time with configurable buttons, automatic escalation and customisable task management. Like all Ascom solutions, the clinical monitoring and alarm management solution is device and platform independent and backed by Ascom's unique global support.

Silent medical alarms

Create optimal healing environments for ICU and other high-dependency patients. The Ascom silent medical alarms solution enables bedside medical devices (pumps, ventilators etc.) to be set to silent mode. Alarm notifications from these devices are distributed as actionable alerts to designated clinicians' smartphones. Alarm notifications and associated clinical data is also displayed on dashboards to provide a complete overview of medical device statuses.

Clinical decision support system

The Ascom CDSS solution is a rules-based engine that gives clinicians the up-to-date data they need in order to make early interventions or other actions. Once a patient's vitals exceeds pre-set values, the CDSS alerts relevant clinicians of possible patient deterioration. Clinicians can then forward the alert to colleagues to initiate and manage emergency responses. The CDSS also supports on-the-fly calculation of various scores such as NEWS2 etc.

**How the expanded Ascom Healthcare Platform
can help you meet today's care challenges**

The Ascom Healthcare Platform provides the clinical communication and workflow orchestration tools needed to meet some pressing challenges. These challenges vary from facility to facility and country to country, but some are no doubt familiar to most hospitals:

- Ageing populations, resulting in older patients with chronic, difficult-to-treat conditions

- Staff shortages and staff retention difficulties

- The increasing use of single-occupancy rooms. Although a valuable step towards better care and staff safety, the trend makes it difficult to adequately monitor all patients

- Nusiance alarms can cause cognitive overload among frontline clinicians. Staff are subjected to near-constant audible and disruptive alerts, the vast majority of which are not clinically significant

- Fragmented data and non-interoperable communication and healthcare IT systems

No single magic bullet can overcome all these challenges. However, the expanded Ascom Healthcare Platform is a pioneering step forward.

To start with, the modules of the solutions now share a common UI and system architecture. It is now smoother and easier to manage, share and view data alerts on dedicated dashboards and Ascom Myco smartphones. It is easier to manage new software releases and upgrades, plus it has never been easier to access the near-real-time data needed for the best possible care decisions.

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staff safety**

Care coordination

**Response teams
management**

**Smart nurse
call systems**

**Clinical monitoring
and alarm management**

Silent medical alarms

**Clinical decision
support system**

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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 mobilisation 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.