



Truly integrated communication and collaboration across healthcare organisations

Ascom is a global solution provider focused on healthcare ICT and mobile workflow solutions. The vision of Ascom is to close digital information gaps allowing for the best possible decision - 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 aims to improve staff safety through management of alarms and alerts via hardware and software solution.

Integrate, Orchestrate Enable: three pillars of the Ascom Healthcare Platform (AHP)

Fragmented communications and workflows can cause delays and bottlenecks right across the care continuum. AHP enables the creation of end-to-end communication and coordination using a three-step approach: Integrate, Orchestrate, Enable.

Integrate: refers to unlocking of digital data from different sources, devices and systems and the merging of that data into manageable flows. For example, by gathering data from a patient's EMR, various medical devices and nurse call systems then collating all that data and presenting it on a single patient-specific dashboard.

Orchestrate: refers to the "traffic control" of data. Powered primarily by Ascom software, this is the phase where data is funnelled, filtered and categorised. Alerts and messages, for example, are escalated and routed to pre-selected alternatives should the initial recipient be unable to respond appropriately.

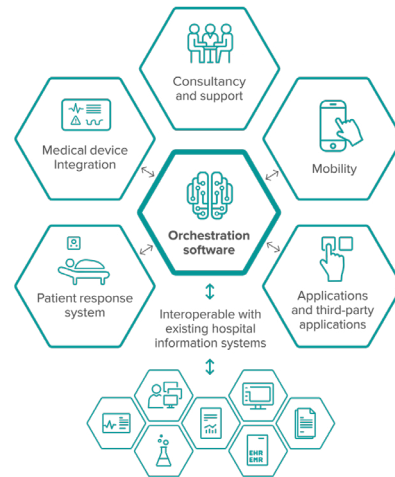
12,000+
hospitals use Ascom
software

800 million+
alerts handled by our
system every year

32,000+
installed solution globally

200+
customer support staff

Enable: refers to the empowerment of mobile staff - it is the phase where mobile clinicians can view, manage, share and augment context- rich clinical data while on the go or at the bedside. A nurse using an Ascom Myco 3 smartphone to calculate a medical score and to upload the results to an EMR from a patient's bedside is an example of the "Enable" phase.



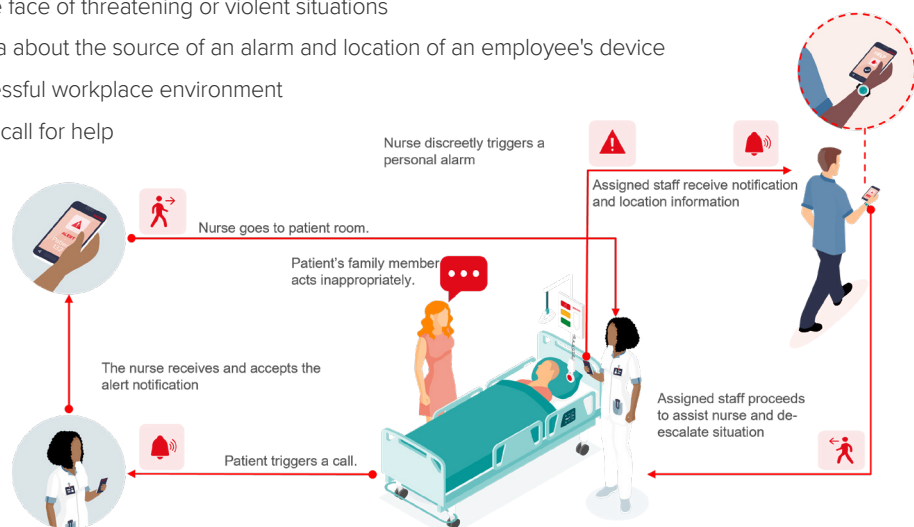
Ascom in the field : an example of how we support clinicians

Challenge: In a study 75% of nurses reported that they were either verbally abused or physically assaulted while on job.¹ Healthcare workers are exposed to workplace violence four times more frequently than private sector employees.² Healthcare workers may at times find themselves in a situation where they are isolated from help and in imminent danger.

Solution: Our Ascom Myco 3 smartphone is specifically designed for professional users, with a focus on employee safety. The Ascom Myco 3 can provide your employees with a valuable tool to quickly notify responders about an urgent situation and get help on the way. Employees who work in potentially dangerous environments can easily call for help by simply pressing a button on the Ascom Myco smartphone. In cases where employees are exposed to violence, for added security, discrete automatic voice recording can be activated to provide a secure link to responders.

Key benefits

- Allows employees to get help in the face of threatening or violent situations
- Rapidly transmits GPS-localised data about the source of an alarm and location of an employee's device
- Provides employees with a less stressful workplace environment
- A dedicated top button for alarm to call for help



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References:

- Spector, P., Zhou, Z., & Che, X. (2014). Nurse exposure to physical and nonphysical violence, bullying and sexual harassment: A quantitative review. *International Journal of Nursing Studies*, 51, 72-84.
- Perkins et al. Personal security alarms for the prevention of assaults against healthcare staff. *Crime Sci* (2017) 6:11.
- Impacts of violence on staff include pain, time away from work, depression and low self-esteem; impacts on the NHS include loss of personnel for significant amounts of time and resignations (NHS 2003).