

GE Healthcare

# Simplified Patient Alarm Management



## A fluent system of clinical intelligence.

At every step of the care process, decisions are made that affect patient outcomes. It's essential that caregivers have the most current, relevant patient information when and where they need it. That's why we've made it our mission to enable Clinical Information Logistics™ – creating a fluent system of clinical intelligence that delivers the right information at the right time and place to help you make informed decisions.

Clinical Information Logistics aligns people, processes and technologies to streamline workflow and bring caregivers closer to their patients. The GE Healthcare patient monitoring CARESCAPE™ Network, along with the Ascom Mobile Monitoring Gateway (MMG), can help you improve patient care.

# Add value to patient monitoring.

## One system, countless winners

In the modern hospital environment there is an increasing demand for improved standards of patient care. This represents a challenge to administrators and staff, as these improvements must often be delivered at the same time patient volumes are increasing. Interfacing patient monitoring with wireless hospital communications simplifies patient alarm management, and helps to align people, processes and technologies. Workflows are streamlined to help clinicians ensure the best possible outcomes. The GE Ascom solution – GE Healthcare's patient monitoring CARESCAPE Network with the Ascom Mobile Monitoring Gateway – represents an excellent solution to help ensure these benefits can be enjoyed in every hospital.

## Leverage existing infrastructure

Hospitals have a significant investment in their IT infrastructure. With the GE Ascom solution, the hospital can preserve this investment. By leveraging the existing IT infrastructure to forward secondary alarms to the people who need them, patient alarm management is simplified. One common GE infrastructure underlies a full spectrum of clinical and communication solutions, thereby helping to reduce training time, improve interoperability, and eliminate the need to manage multiple systems.

## Wireless benefits

Experience tells us that applying wireless communication solutions is most effective when there is a clear potential to speed up processes, cut costs and improve patient care. These benefits combine to create a competitive edge for the hospital. Putting information into the hands of the caregiver can result in less waiting time, less paperwork, higher patient satisfaction, better inventory control and lower liability risks. Wireless solutions help to relieve stress and improve job satisfaction.



# Forwarding secondary



## Optimized alarm notification

Access to alarms is facilitated at any time, any place within the facility. Alarm management is also improved through filtering and prioritization, avoiding alarm fatigue.



# alarms to mobile handsets.

Ensuring an alarm notification reaches the right caregiver wherever they are on campus is vital. To deliver this, the GE Ascom solution has been created to add mobility to patient data distribution in real time.

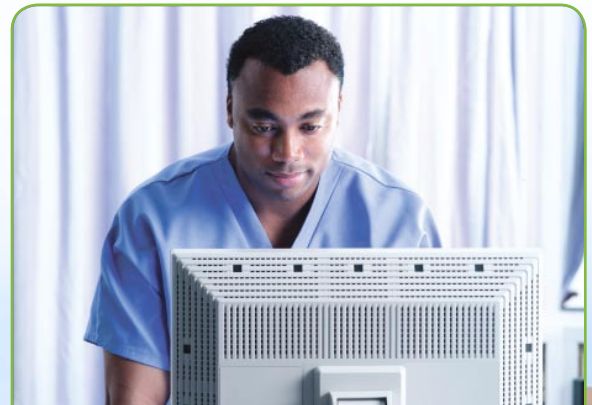
## Inbuilt security and safety

When it comes to the area of message acknowledgement and forwarding, the system increases reliability in the alarm management process. For example, if nobody acknowledges or rejects the message, it will be automatically escalated to the next person in line within a pre-set time.

For further convenience, messages can be highlighted with colors according to their priority/urgency or to identify a specific sender. Color coding can also be used to indicate a message status. To begin with, the message is red. When somebody accepts the message, it changes to yellow and when actions have been completed it changes to green.

## Addressing the information silo issue

Workflow fragmentation and the accumulation of silos of information are problems that affect most hospitals. Users regularly complain of having to switch between systems, memorize specific interfaces and constantly enter and leave complex screens to access the data they need. The GE Ascom solution streamlines these processes for quick, easy data access.



### Logging and proof of care

Logging of alarm events for workflow optimization and legal aspects helps to ensure accountability. Electronic documentation of, for example, response time to alarms improves the hospital's position in the event of litigation. Audit trails can also be traced and root cause analysis capability ("related activities") can be improved.



### Save time and reduce stress

The system is less intrusive and tiresome for staff – they additionally receive data from their dedicated patients directly to their mobile handset. This has a double-positive effect in that it reduces time losses in the workflow and allows nurses to perform other duties.



# Designed for robust performance.

The hospital environment is tough and equipment intended to be used there needs to be rugged and robust, no questions asked. The GE Ascom solution does this, providing users with a high performance wireless communications solution.

Inevitably, the hospital environment presents challenges to equipment. This is why the GE Ascom solution offers a possibility to use high quality, rugged hand-held units that are classified according to IP64 and shock resistant according to IEC 68-2-32. Hand-held units can be disinfected, meaning your hospital staff can enjoy high performance handsets and a solution that meets rigorous infection control requirements.

A major defining factor on the efficiency of any communication solution is coverage. The GE Ascom solution is designed to deliver this over a defined area throughout your facility – even in basements, culverts and radiology areas.





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## About GE Healthcare

GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. Our broad expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, biopharmaceutical manufacturing technologies, performance improvement and performance solutions services help our customers to deliver better care to more people around the world at a lower cost. In addition, we partner with healthcare leaders, striving to leverage the global policy change necessary to implement a successful shift to sustainable healthcare systems.

Our “healthymagination” vision for the future invites the world to join us on our journey as we continuously develop innovations focused on reducing costs, increasing access and improving quality around the world. Headquartered in the United Kingdom, GE Healthcare is a unit of General Electric Company (NYSE: GE). Worldwide, GE Healthcare employees are committed to serving healthcare professionals and their patients in more than 100 countries. For more information about GE Healthcare, visit our website at [www.gehealthcare.com](http://www.gehealthcare.com).

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