Ascom Mobile Monitoring Gateway (MMG) delivers an alarm message straight to a wireless device, providing a secondary notification for patient monitor alarms and events. For nursing and other clinical staff, the ability to react quickly to information received directly affects the quality of care they can provide. Near-real-time messaging from the MMG can improve clinician response time promoting a safe patient environment. Additionally the MMG can send waveform images to a wireless device supporting faster decision-making and response prioritization.

Adding Value To Patient Monitoring Alarms
As hospitals shift to private rooms and larger facilities, patient alarms can be more difficult to hear or detect. At the same time, many patient care areas have numerous alarms and the resulting noise tends to desensitize staff. Patient alarms are intended to alert clinicians of possible patient problems, but if patient alarms are not managed and communicated properly, they can compromise patient safety and result in sentinel events¹.

The Ascom Mobile Monitoring Gateway (MMG), when integrated with the GE CAR-ESCAPE™ Gateway, can send patient monitor alarm messages directly to a clinician’s wireless device. Just as importantly, the MMG can provide alarm filtering to deliver critical alarms more precisely, reducing time spent responding to less important events. The MMG offers automatic alarm escalation if no message response is received or if a clinician responds “Busy” to a message. The ability to automatically escalate alarm messages to other caregivers lessens confusion and speeds response time.

Alarm Fatigue Impacts Both Patient Safety And Workflow
In 2013 alarm fatigue is reported as the number one medical device hazard by ECRI. Too many patient alarms may cause staff to either ignore alarms or potentially silence them. Too many alarms may also unnecessarily interrupt workflow which can negatively impact staff efficiency. The MMG enhances communication for overall alarm management, by precisely filtering alarm messages, helping to ensure that only essential notifications reach the right caregiver.

PRODUCT SHEET

Product: MMG with Waveform Presentation
- Minimize alarm fatigue by filtering alarms
- View 12-second waveform snapshot
- Improve overall staff responsiveness

ASCOM MOBILE MONITORING GATEWAY WITH WAVEFORM PRESENTATION – ENHANCED PATIENT ALARM MANAGEMENT

The Ascom Mobile Monitoring Gateway (MMG) delivers an alarm message straight to a wireless device, providing a secondary notification for patient monitor alarms and events. For nursing and other clinical staff, the ability to react quickly to information received directly affects the quality of care they can provide. Near-real-time messaging from the MMG can improve clinician response time promoting a safe patient environment. Additionally the MMG can send waveform images to a wireless device supporting faster decision-making and response prioritization.
Waveform Images Assist Quicker Decision-making
The MMG with waveform image presentation enables clinical staff to receive a waveform ‘snapshot’ on their wireless device complementing the corresponding text-based alarm message. The use of waveform images adds additional value to alarm messages, allowing staff to receive vital information and assist their response prioritization. Patient care can be optimized by better understanding a situation as it is happening.

Customize Alarm Notifications
Individual hospital wards or units can easily manage alarm functionality. Hospital units can decide on the type and priority of each alarm notification delivered to their clinical caregivers. Individual alarm types can be sent to one person or an entire group. Automatic escalation helps ensure critical alarms are not ignored.

MMG Features
- Waveform image presentation accompanying alert message text
- Automatic alert escalation if no response or clinician responds “busy”
- Extensive alarm filter settings to reduce incidence of alarm fatigue
- Alert message delay timer to reduce false positive alerts
- Redundancy option to ensure high availability

Optimizing Workflow
Clinical workflow is an important element in helping caregivers ensure the best possible outcomes. Timeliness and efficiency are critical at every step of the care process. It’s essential that caregivers have the most current, relevant patient information when and where they need it. By providing intelligent integration between the GE CARESCAPE Gateway and the Ascom MMG, hospitals have another tool to provide the right information to the right caregiver in a timely manner. Integrating patient monitoring systems with wireless hospital communications simplifies patient alarm management and helps to align staff, processes and technologies.

GE and Ascom
The Ascom Mobile Monitoring Gateway is part of the Unite Connect for Patient Monitoring portfolio. The MMG integrates with both bedside and telemetry patient monitors connected to the GE CARESCAPE Gateway.

For More Information
To learn more about Ascom clinical-grade products and solutions, visit www.ascom.us. To speak to an Ascom solution consultant, call 877-71ASC0M

Key Benefits
- Supports reduced alarm fatigue by limiting the number of alerts per shift
- Helps clinician decipher between artifact, false alarms and real patient alarms
- Gives clinician audible way to quickly determine response needed
- Provides clinician a visible means to quickly determine the necessary response
- Makes it easier for a clinician to interact with the alert quickly and efficiently

Intended Use
The Ascom Mobile Monitoring Gateway (MMG) is intended to interface with the GE Healthcare patient monitoring network and the Ascom Messaging System, in order to provide a secondary means of automated visual and/or audible annunciating and displaying of patient alarm information to healthcare professionals, via display devices. The MMG does not alter the behavior of the monitoring system. Neither is it intended to replace or alter the primary alarm function on the patient monitor.

The MMG is not intended to be used for diagnostic purposes. The MMG is intended for use by professional clinical personnel and relies on proper use and operation of both the communication infrastructure in place at the healthcare facility and the display devices used. The MMG software is installed on specified hardware located in an IT closet or similar location, where the MMG can’t come into physical contact with patients.

The US Joint Commission Sentinel Event Data 3Q2012. A “sentinel event” is defined as any unanticipated event in a healthcare setting resulting in death or serious physical or psychological injury to a patient or patients, not related to the natural course of the patient’s illness.


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