PHILIPS

Alarm Management

Distributed Alarm System
with Confirmation

Patient alarming just added a new layer of safety

Add the confidence of a distributed alarming system with the ability to receive an operator response through the Care Assist mobile app*.

Alarming systems that can't guarantee delivery or respond to system breaks can create stress and uncertainty for caregivers.

Philips takes a system approach to alarm management distributing alerts across the bedside, PIC iX and Care Assist mobile app. All three share the same standards for alarm safety and work together helping to deliver clinical confidence and proactive patient care.

The challenge

Ensuring alarms are acknowledged and responded to is fundamental to patient safety. Traditional DIS (distributed information system) providers give information about alarms from devices but do not guarantee delivery. A DAS (distributed alarm system) guarantee delivery but lack the additional assurance of requiring an operator/ human response.

The solution

CDAS adds operator confirmation on the Care Assist mobile app when a disruption of alarm delivery occurs at any part of the alarm system. With CDAS the bedside, central, and Care Assist app all work together meeting strict IEC alarming standards, testing, and risk mitigation.
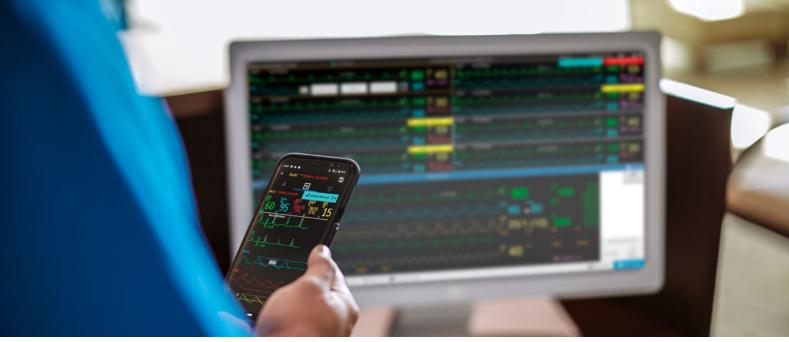
The impact

Taking a system approach to alarming standards gives the clinician a common interface throughout the system, full clinical context and helps ensure alarms are not adversely affected by communication failures.

* Required: PIC 4, IVPM Rev P, qualified Android device with Care Assist.

Philips PIC iX meets the Distributed Alarm System (DAS) and Distributed Alarm Systems with Operator Response (CDAS) requirements of IEC 60601-1-8 under specific deployments.

Distributed Alarm System with Operator Confirmation keeps the system covered and catches breaks early to help:

Guarantee the delivery of an alarm

From bedside to central station to mobile; the technical condition of an alarm is announced throughout and the system treats all components at the same priority level.

Ensure breaks in the system are covered

If there is a break in the alarming system, the monitor and PIC will announce the condition with the added safety of the clinician having to respond and acknowledge via the Care Assist app.

Enhance clinical confidence

Clinicians can feel comfortable when leaving the patient floor or taking a much-needed break, knowing that any system interruption will trigger a notification to the entire team.

Philips can help you feel more confident knowing patient alarms will receive the attention they need. These capabilities, combined with our Alarm Management Clinical Professional Services consultants leverage vast industry insight to help you create and implement a comprehensive alarm management strategy that can make alarms more appropriate and actionable across your hospital.
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00000302-00-01 * Feb 2024