PHILIPS

Transform patient care through mobility

Enterprise Mobility Solutions

On its own, the app is a powerful mobile extension of the Philips monitoring ecosystem and unlocks many new workflows.

- **Bidirectional control** of Philips patient monitors
  - o Enable a quieter patient room; clinicians can acknowledge alarms even when they are not close to a central/patient monitor
- Care Assist is part of a new **wavestrip workflow** that extends the ability to work and save wavestrips beyond the PIC iX central station to a web-accessible application and mobile
  - o Save time[2] by freeing clinicians from needing to perform these actions at the PIC workstation
- Care Assist mobile app allows **secure texting and voice communication** between clinicians – within the same unit or between multiple units
  - o Improve communications by allowing bedside staff to communicate seamlessly with central monitoring unit technicians and other clinicians

Comprehensive and customized

Our enterprise mobility products and services can be combined for a customized solution that is tailored to your needs. Our comprehensive offering connects caregivers to patients and each other to support your goal of delivering responsive care.

Challenge:

An estimated **87-95%** of alarms are non-actionable[1]

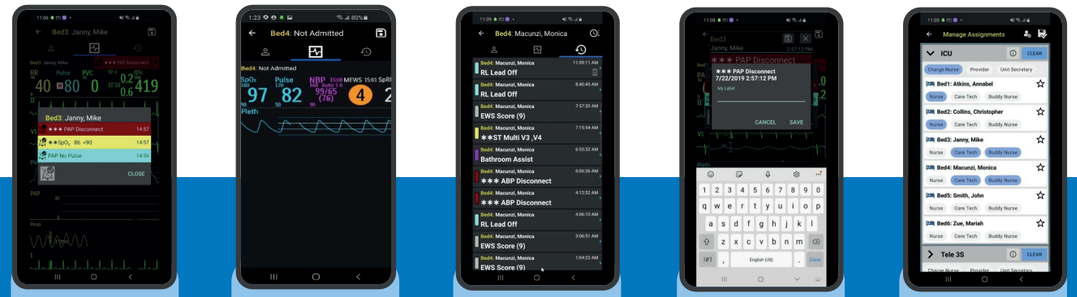
Solution:

Philips Event Notification and Care Assist

The **Philips Care Assist** app is designed to be a mobile extension of our Patient Information Center iX (PIC iX) system, allowing clinicians to perform work wherever they are located in their professional healthcare facility. The mobile app can work on its own, in concert with third-party apps, or in conjunction with our PIC iX Event Notification system.

The **Philips Event Notification Server** system is responsible for delivering actionable alarms to the Philips Care Assist app for a Philips end-to-end solution or it can deliver alarms to non-Philips systems.

Maintain visibility on the go – with a mobile workflow



- Enhance alarm response time and limit missed alarms
- Enhance clinical workflow efficiency
- Boost caregiver satisfaction
- Pave the way for informed clinical decision-making

Deliver alarms and information to patient monitoring systems with the PIC iX Event Notification server

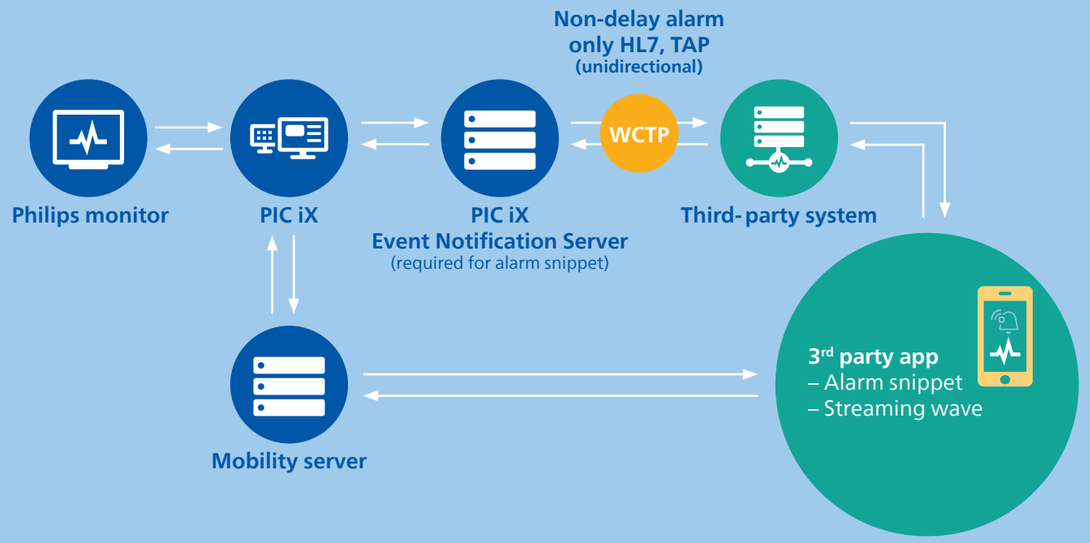
The PIC iX Event Notification server is responsible for delivering alarms generated by Philips and non-Philips devices to patient monitoring systems. When sending alarms and alerts to other third-party systems, the Event Notification server can send the alarm information in standards-based protocols, based on the receiving system's preference.

If you wish, you can allow the Event Notification Server to play a more active role in alarm delivery – with responsibility for filtering and escalating alarms.

Utilize Philips Care Assist to enhance your current mobile communication app by enabling app-to-app linking

Empower your clinicians to quickly navigate between Philips Care Assist and other mobile applications, helping them get greater clinical context in the palm of their hand. For example, if a nurse receives a patient's alarm text in another mobile app, the nurse can be presented with a choice to click on two separate links: either click on a link to open the patient's streaming waveform in the Care Assist app, or click on another link and open the patient's scrollable alarm snippet in the Care Assist app. From there, the clinician can take advantage of the app's workflow capabilities.

PIC iX Workflow
Alarms delivered to third-party



Key benefits of using PIC iX Event Notification with the Philips Care Assist mobile app

Meets IEC alarm standards (60601-1-8:2020) – giving clinicians peace of mind

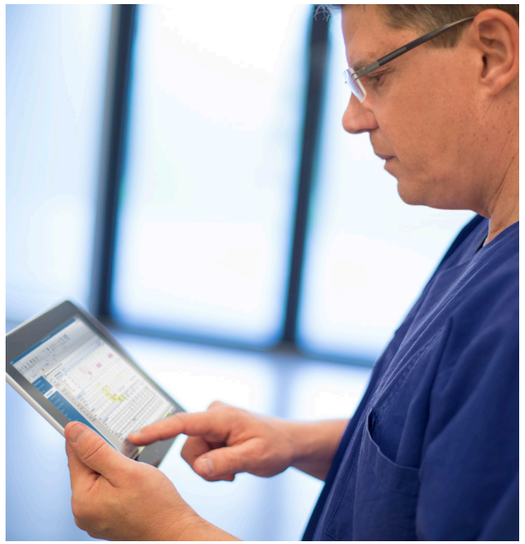
In addition, depending on configuration, the system can meet Distributed Alarm System (DAS)[3] and Distributed Alarm System with Operator Confirmation (CDAS) standards. In a DAS/CDAS system, if there is a disconnection in the monitoring system, there will be a technical notification displayed at each touchpoint of the alarming system (monitor, central station, mobile app).

A common user interface, with the same look, feel and sounds as the rest of the Philips monitoring system

Enhance your workflow by utilizing custom .wav files for audio alerts. For example, areas needing quick lab results for turnarounds (such as an ED) may attach a .wav file to a critical cardiac enzyme. The clinician's attention would be drawn towards the audio as well as the visual alert, notifying them that they need to pay immediate attention to the result.

Alarms appear with clinical context

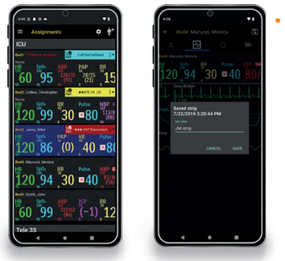
Not only does the alarm text come through, but the clinician is able to instantly see associated numerics and a scrollable snippet which displays the event just prior to, during and after the highlighted event.



The data and capabilities you need, **where you need them**

Remotely monitor patients

A multi-patient view of streaming data for your patients – allowing you to see at a glance who needs your help most. Deep dive into specific patients to see more data and streaming waveforms, and be able to connect to the patient's caregivers.



Remotely manage patients

Use the Care Assist app to identify and save wavestrips rather than waiting to walk to a central station. Avoid entering isolation rooms when it is not needed by managing alarms or taking measurements from windows/doorways where you have line of sight of the patient.

Seamless solution

Mobile app with the same look and feel as found on the PIC iX central station and Philips patient monitors.

- Decrease time required for training nurses and clinicians
- Quickly recognize changes in your patient's condition
- Acknowledge an alarm at any location (patient room, central station, or mobile)

Notification flexibilty

Choose the mobile notification app you prefer, and retain access to Philips mobile workflows through deep-linking to Care Assist.

To learn more about Philips Event Notification, Care Assist, and our broader portfolio of enterprise mobility solutions, please contact your local Philips sales representative.

1 Ruppel, Halley et al. Measurement Of Physiological Monitor Alarm Accuracy And Clinical Relevance In Intensive Care Units. AJCC, January 2018 vol 27, no.1
2 Hoffmann et al., Int J Cardiovasc Res 2018, 7:2
3 Requires PIC iX 4.x, IntelliVue Rev. P, and an Android smartphone running Philips Care Assist

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