PHILIPS
IntelliVue
Information Center iX
Central monitoring station
Connect care for
early intervention
60
120/80

See more. Know more. Do **more**.

Connecting your teams to each other and to the information they need supports timely decision making, early intervention, and enhanced care for your patients. Access to meaningful data encourages collaboration and improved workflows to help you manage resources and control costs.

Philips enterprise monitoring and patient care solutions help you unlock access to rich, actionable patient information at the point of care. With our advanced physiologic monitoring and clinical informatics, we help you develop flexible enterprise capabilities for caregiver mobility, data sharing, clinical decision support, and alarm management.

Our clinically rich tools help speed time to the most appropriate care to deliver timely, actionable diagnostic information to your teams – virtually anywhere. By making alarms more meaningful, we help you deliver timely and targeted care, efficiently.

More than you expect from a central station

Our central station solution, Philips IntelliVue Information Center iX (PIIC iX), reflects our monitoring philosophy. Powerful and real-time, PIIC iX consolidates a wealth of detailed, physiological data from patient monitors. And it does so much more.

The nerve center of your patient monitoring operation, PIIC iX provides patient data virtually anywhere you need it – even sending alarms and waveforms to your mobile device. It delivers applications that help you turn that data into insights that enhance patient care. It also supports workflow advances and features interoperability with other hospital systems, communicating with your EMR, ADT, and lab systems.

PIIC iX delivers clinically rich information that provides a meaningful picture of a patient's status, so you can identify changes in your patients' conditions and monitor trends.

The surveillance station can be configured to meet your needs. You can choose to display waveforms, numerics, or trends for up to 32 patients on a single information center, and add more centers if needed. The dual display option allows you to see more information for each patient.

Flexibility to adapt to changes

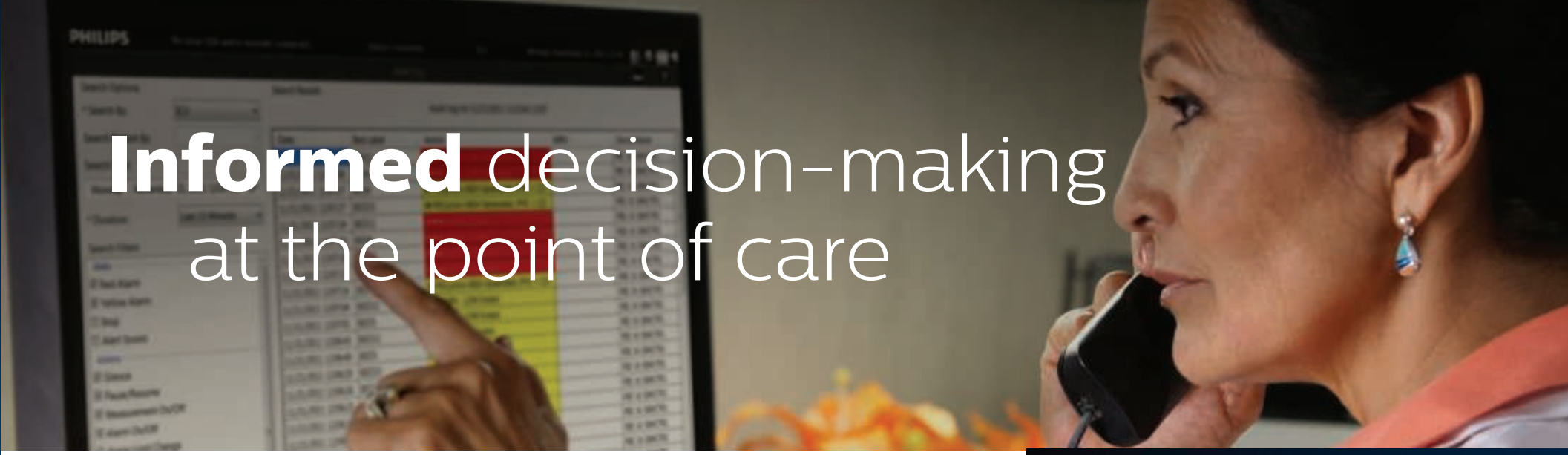
Perhaps your organization is growing. Perhaps the patient population is changing. Or perhaps it isn't clear how change on the horizon will affect your monitoring needs.

When change is the only constant, you need flexible solutions. We offer flexible licensing, so you can move monitors to meet the changing needs of your hospital. Our monitors can be adapted for any patient in your hospital, at any level of acuity. And you can easily expand your central station configuration to serve as many as 1024 beds.*

PIIC iX addresses today's pressing issues, including

- **Alarm management**
- **Interoperability and medical device security**
- **Patient assessment with 12-lead ECG**
- **Integration with EMR and other clinical systems**

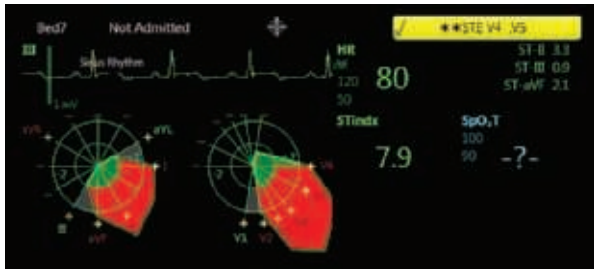
* Supports up to 1024 beds when configured as a small network or enterprise.



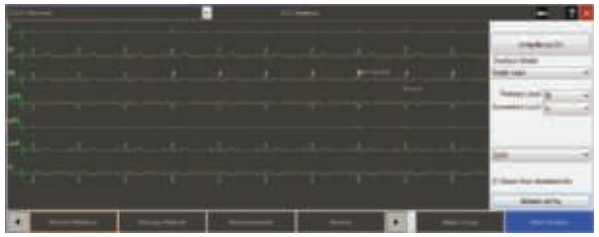
Informed decision-making at the point of care

PIIC iX offers clinical decision support tools that support you in making decisions with clarity of information. STEMI Limit Maps provide a visual representation of the patient's cardiac ischemic profile, tailored to the sex of the patient. When combined with ST/AR ST elevation alarms that alert clinicians when a patient has ST elevation in two contiguous leads of ECG, they help support early identification, evaluation, and treatment of ACS patients.

Horizon trends indicate if respiration, SPO2, heart rate, and/or blood pressure are significantly above or below baseline, to alert you to patients that are trending negatively. Clinicians can set ranges to define and monitor therapeutic goals.



Critical values statements alert physicians to conditions that may require immediate attention.



ST and Arrhythmia (ST/AR) multi-lead algorithm for ST segment, arrhythmia, and QT monitoring is configurable to analyze up to 23 rhythm disturbances, with each required to pass a set of tests before activating an alarm signal, helping reduce nonactionable alarms.

12-lead ECG display and reports

Time is muscle. When a patient is having an ischemic event, your monitoring system can deliver a diagnostic 12-lead ECG to the ECG management system and to remote caregivers – real-time or retrospectively. PIIC iX displays real-time, 12-lead ECG data and provides access to up to 100 12-lead reports. Comprehensive ECG review applications (including event, trends, and waves) assist comparative analysis. To support documentation protocols, wave strip export and report distribution incorporate ECG data in the EMR and HIS.

Adjust, prioritize, and **understand** alarms

Managing alarms is one of the most difficult aspects of ICU workflow. PIIC iX provides information to help you prioritize alarms, as well as tools to reduce alarm fatigue.

Adjustable alarm settings and intuitive visual cues prioritize the most actionable alarms. You can manage and silence alarms from the central workstation, or review alarms remotely via a web application or on your hospital-supplied smartphone via CareEvent. Via IntelliBridge Enterprise, even alarms from third-party vendors can be sent to PIIC iX and forwarded to your smartphone.

A practical approach to alarm fatigue

To address alarm fatigue, PIIC iX employs a two-pronged approach that addresses both immediate and long-term situations.

1. Alarm counters may help you to reduce non-actionable alarms. Alarm shift summary application and reports graphically depict alarm trends during a shift, so you can adjust alarm limits to individual patient needs.

2. The Alarm Audit Log stores 90 days of alarm information to support your research on alarming and sentinel events, giving you the data you need to determine if you should change the default alarm settings to potentially reduce clinically nonactionable alarms.

Streamlined workflow for accelerated care delivery

PIIC iX simplifies clinical workflow by giving nurses the power to do more at the bedside, including admitting patients from the hospital ADT system and assigning nurses and equipment to patients. During care transitions, the Shift Summary Report helps the team easily communicate individual patients' alarm data for efficient patient handovers. A web application allows you to work where you want to, even allowing you to bring the power of central review applications to the bedside.

The well-organized PIIC iX user interface is harmonized with the IntelliVue monitor interface, decreasing training needs.

Easy and efficient viewing on mobile devices

We offer two applications that deliver data directly to smartphones. The CareEvent app for nurses works through the PIIC iX to deliver alerts – including up to four parameters, four waveforms, and associated data – directly to your hospital-provided smartphone.* With clinical context in your hands, you can determine the validity and priority of an alarm, and make an informed decision to respond, escalate it to a colleague, or rule it nonactionable.

An option within PIIC iX, the Mobile Caregiver app delivers near real-time physiological vital signs data, including waveforms and parameters, and retrospective review of alarm and wave data, to virtually any mobile device, so physicians can make informed decisions as they consult with onsite caregivers from almost anywhere – while at a conference, at home, or in another part of the hospital. In addition, IntelliSpace Event Manager provides connectivity for nurse call and paging solutions.

Either Mobile Caregiver or CareEvent: Alarm management coordinated with EMR.

* Hospital-provided smartphone must run on a non-clinical network within the hospital.

Improved performance for **enhanced** care delivery

Our PIIC iX central station promotes timely, targeted patient care, bringing you closer to your patients and giving you the power to watch over them, wherever care takes place – now and in the future.

Because you need comprehensive clinical information systems, we deliver the hardware, software, services, and infrastructure to keep your monitors up and running, your caregivers connected, and your vital patient data in sight and within reach.

Limit data interruptions

PIIC iX incorporates several features that limit interruptions in data collection. If a patient must be transferred, you can simply use an X2 transport monitor when you move the patient, and PIIC iX transfers the patient history to the new unit.

Saves data during network interruptions

Trend Upload provides the ability to upload patient data after transport or loss of connectivity, even without a wireless connection. The patient monitor accumulates up to eight hours of numeric vital sign data when it is off network, and then uploads this data to PIIC iX when the monitor reconnects.

Compatible systems for **simplified** IT operations

Our PIIC iX central station promotes timely, targeted patient care, offering you a view of your patients' information, giving you the power to watch over them, now and in the future.

Flexible deployment

PIIC iX offers flexible deployment within your enterprise IT architecture, including:

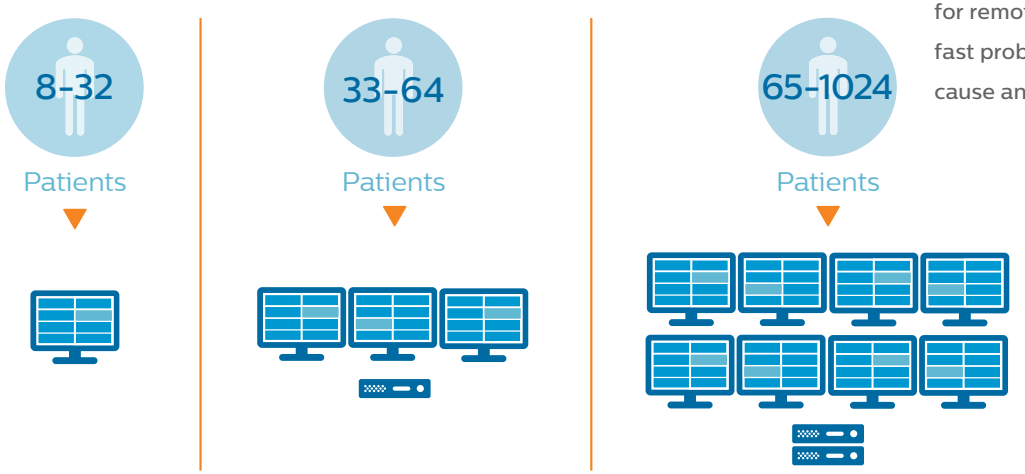
- Centralized management and updates
- Distributed HL7 vital signs and alarm limit settings to electronic health record
- Inbound HL7 demographic and lab

PIIC iX is designed to deliver information when and where it is needed without adding unnecessary burden to the hospital's IT department. Our open, standards-based system supports a shared IT infrastructure to help you make the most of your existing network and hardware investments. It enables IT best practices including server virtualization on your own hardware and VM clustering to maintain high availability, improve uptime, and control costs.

The system supports Layer 3 to the edge for wired and 802.11 monitor networks, enabling you to run the system on your own enterprise network, if you choose. Our client/server architecture supports IT best practices, and configurable surveillance allows for easy, controlled access to patient information among care teams.

Identify potential issues before they become problems

The IntelliVue Customer Supplied Clinical Network provides tools that monitor the system in order to support ongoing maintenance. It stores historical information for analysis and trend reporting and provides the information to Philips remote support for remote diagnosis. This facilitates a collaborative approach to servicing the system, fast problem resolution, and historical performance data to that can be used in root cause analyses.



PIIC iX can grow with your organization. Choose a local configuration for 8-32 beds, a small network for 33-64 beds, or an enterprise configuration for 65-1024 beds.

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