



**PHILIPS**

Healthcare



# Medical device and IT convergence

Philips IntelliVue Information Center iX

Your IT infrastructure supports the business mission and goals of your organization. Now it can support high quality patient care by providing clinicians reliable and timely access to critical patient information. Take the next step with Philips IntelliVue Information Center iX (PIIC iX). PIIC iX utilizes an open-systems architecture to interoperate with your enterprise infrastructure so you can leverage your existing hardware, software, and networking investments. PIIC iX adheres to IT standards and best practices and offers a solution from the leading patient-monitoring vendor, providing value to your clinicians, IT staff, and clinical engineers.

#### Key Advantages

- Supports IT best practices
- Leverages your hardware and network investments
- Supports data exchange between devices and your hospital's information systems
- Facilitates a continuous patient record

### Supports standard IT best practices

- Offers centralized deployment of updates, including Philips, Microsoft and Anti-Virus vendors (Symantec and McAfee) to support efficient ongoing maintenance and upgrades
  - Allows you to directly download applicable OS patches from Microsoft
  - PIIC iX supports standard enterprise AV configurations
- Utilizes your hospital's Domain Name Services (DNS) and Dynamic Host Control Protocol (DHCP) for large networked-system deployments
- Leverages your Active Directory (AD) Infrastructure for user authentication
- Customer password policy support – configurable passwords that meet complexity and expiration requirements.
- PIIC iX is hardened using the US Department of Defense Security Technical Implementation Guides for Operating Systems, SQL, .Net, and Internet Explorer.
- Built upon client server architecture, which supports centralized management, security, scalability and enterprise deployments

### Leverages your hardware and network investments

- VMware Ready™\* Certified. Supports server virtualization on your hardware, using VMWare – the industry-leading virtualization environment
- Virtualization provides support for high availability and reduces operational costs associated with downtime and data-center deployment
- You can select your existing network to run Philips IntelliVue Monitoring solutions, or run on Philips' separate, isolated, turnkey system. If you choose to leverage your existing network, there is advanced support for networking best practices, including:
  - Full layer 3 support between the surveillance station and servers, so you can centralize servers in your data center
  - Supports flexible IP addressing according to your enterprise standards
  - Offers exceptional support for wireless environments for Philips IntelliVue Bedside Monitors and MX40 Patient Wearable Monitor – 802.11 a,b/g or Smart-hopping network (1.4 WMTS and 2.4 GHz)

### Supports data exchange between devices and your hospital's information systems

- PIIC iX with device interfacing – third party ICU devices (ventilators, infusion pumps, etc.) interface through EC10 Bedside Module or EC40/80 Device Concentrator to provide a single HL7 information stream from the patient monitoring source
- HL7 messages can be configured and changed while the system is still running – from a single screen
- Enhanced ADT interface, including ADT update transaction
- New inbound LAB interface to display labs on the IntelliVue Patient Monitor and support Philips Protocol Watch Sepsis
- Supports ten HL7 destinations for HL7 Vitals interface (results outbound)

### Supports a continuous patient record

- Tested and validated to the IHE PCD Profiles Patient Care Device (PCD-01)
- Auto Reconnect (for Enterprise and Small Network PIIC iX) – supports auto reconnect after a server comes back online
- Sync from Local mode (for Enterprise and Small Network PIIC iX) – if the server goes down, the PIIC iX surveillance station continues to function as a central monitor. When the server comes back up and the system reconnects, the data that is stored locally on the surveillance station then uploads to the server
- Trend Upload – the IntelliVue Patient Monitor will accumulate numeric vital sign data when off network and upload this data to PIIC iX when the monitor reconnects. (8 hours of buffered data)
- HL7 Store and forward – PIIC iX will buffer/store the data if there is a disruption of network services and send the data to the EMR or Interface Gateway (including IntelliBridge Enterprise). It will also send buffered data from Trend Upload

