

**PHILIPS**

*Efficia*

CMS200 central  
monitoring system



# Cost-effective central monitoring

When you need a cost-effective, flexible option for comprehensive central monitoring, Philips Efficia CMS200 works with your SureSigns VM4, VM6 and VM8, as well as Efficia CM10, CM12, CM100, CM120 and CM150 patient monitors to provide a centralized hub of vital monitoring information. Apart from monitoring, it also provides data storage, and secondary alarming capabilities that include audible and visual notification of alarm conditions reported by the patient monitors in its network.

## Key advantages

- Single- or dual-screen display with flexible sector layout to meet a variety of clinical needs and workflows
- To reduce your effort and the potential for errors, patient admissions, alarming, and NBP settings – including remote NBP start/stop – are synchronized with supported bedside monitors
- Comprehensive access to data for review, including full disclosure waveform trending for all parameters
- HL7 data export to EMR, to simplify compiling your records
- Intuitive user interface, help window, and online tutorials for ease of use

### Measurements

The following measurements are displayed at the Efficia Central if available from the bedside monitor<sup>1</sup>: heart rate, arrhythmia, 10-lead ECG, ST, respiratory rate, pulse rate, temperature, non-invasive blood pressure, up to 2 channels of invasive blood pressure, SpO<sub>2</sub>, and CO<sub>2</sub>, Masimo® SET®, Masimo rainbow® SET, and Cardiac Output

### Waveforms

The following waveforms are displayed at the Efficia Central if available from the bedside monitors: ECG (I, II, III, aVR, aVL, aVF, V1–V6), respiration, invasive blood pressure, SpO<sub>2</sub>, and CO<sub>2</sub>

### Bed layout

- Simultaneously view up to 16 beds on a single display or 32 beds on a dual display
- Maximum 32 beds and maximum 8 pages per system
- User-configurable layout on each page

### Alarms

- Three alarm priorities: high, medium, and low
- Audible and visual alarms
- Alarm history for each patient, including alarm message, alarm time, alarm priority, and associated ECG waveform
- Synchronized alarm settings between the Efficia Central and bedside monitors
- Alarm silencing synchronized with bedside monitor

### Printed reports (printer is optional)

- Real time numeric data and waveforms
- Tabular trend data
- Graphical trend data
- NBP trend data
- Alarm/event history
- Retrospective ECG waveforms
- Full disclosure waveforms
- Patient window

### Data storage and review

- Ten days of graphical and tabular trend data
- Ten days of full-disclosure waveforms, including ECG
- Ten days of NBP measurements with all associated parameters
- Ten days of alarm history
- Stored data can be retrieved for up to 30 days after discharge

### License key specifications

- Input power: USB 2.0, 5.0V
- Back-up power: two alkaline batteries
- License key enables configuration options and also issues an alarm if a system failure occurs

### Ethernet LAN communication

- Network protocol: IEEE 802.3u
- Transmission rate: ≥10Mbps
- Network cable: CAT5 UTP
- HL7 export via Ethernet port

### Standards

- Software meets the following medical device standards:
  - EN/IEC 62304:2006
  - EN/IEC 62366:2007

### Supported monitors

Supported SureSigns monitors include VM4, VM6, and VM8 patient monitors running software version A.03.93 and later. Supported Efficia monitors include CM10, CM12, CM100, CM120 and CM150 patient monitors

### System components

- Philips Efficia Central software (S863352)
- PC host
- Network switch
- License key
- LCD display (and optional second display, if ordered)
- External speaker bar
- Keyboard and mouse
- Optional printer, if ordered

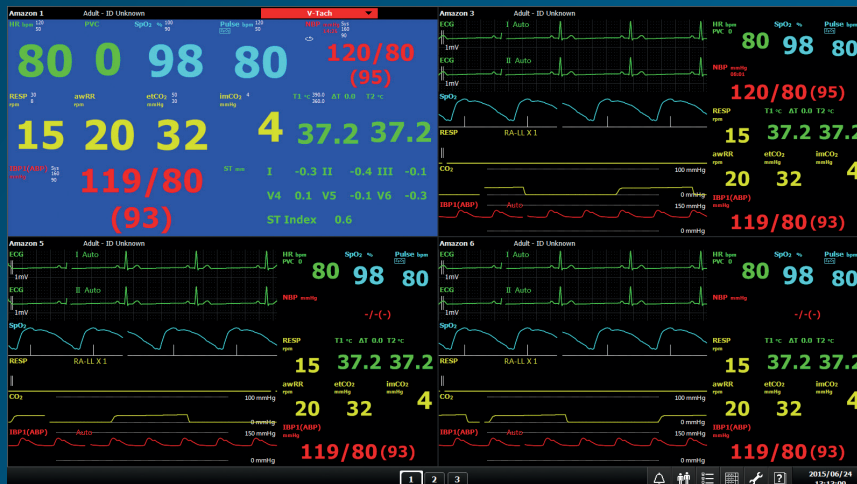
### Options

B08	8-bed option
B16	16-bed option
B32	32-bed option
D01	Single display option*
D02	Dual display option*
P01	Laser printer
N01	2 <sup>nd</sup> NIC (network interface card)

\* D01 is standard with the 8-bed option. D02 is standard with 32-bed option. For 16-bed option, choose D01 or D02



Easily configured and flexible page and sector layout meet the needs of your clinical unit and each patient



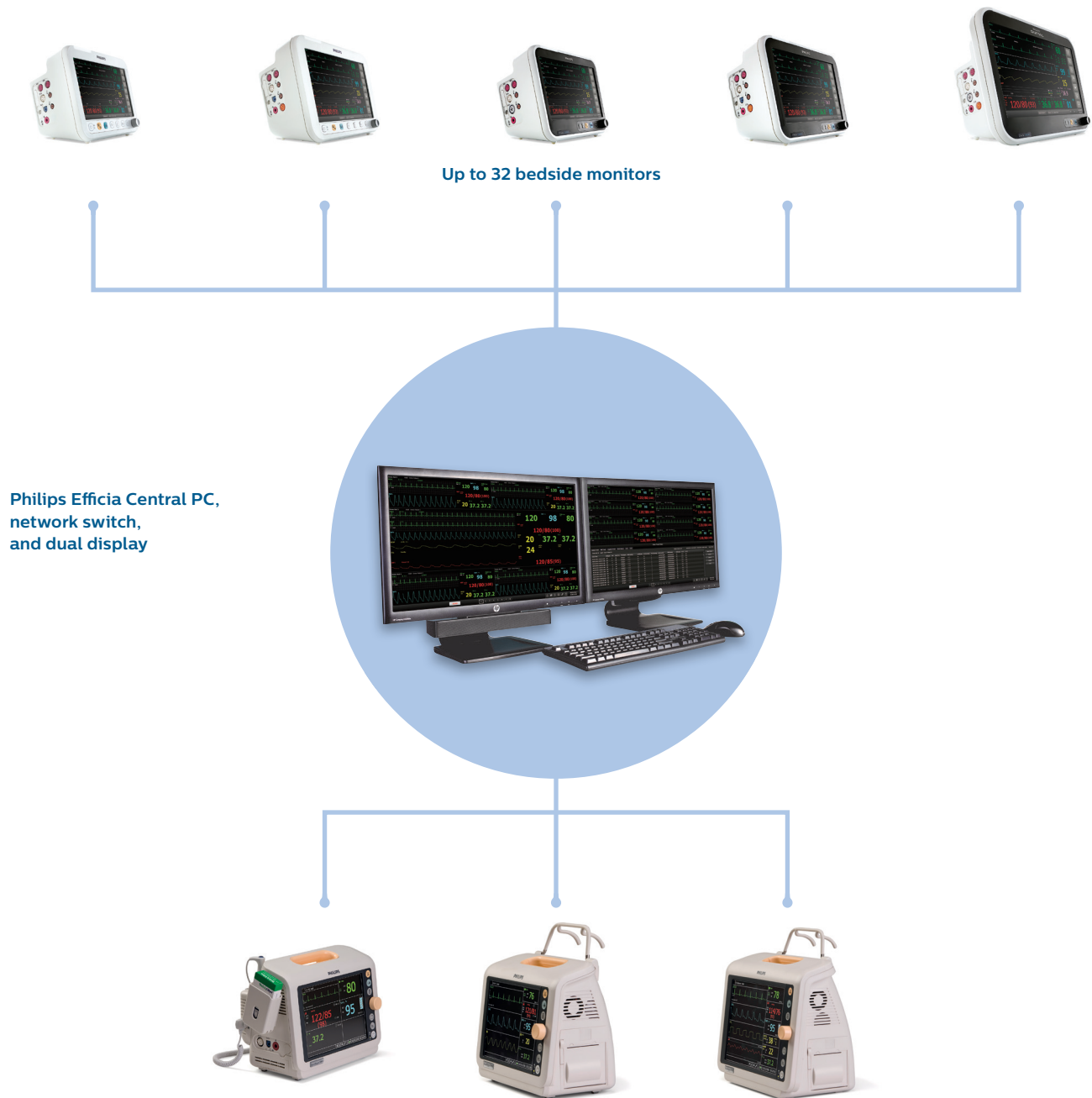
Big numbers let clinicians view numeric data from a distance



The patient window displays further waveforms and patient measurement results, helping you get a comprehensive understanding of a patient's condition



# Network diagram



Masimo, rainbow, and SET are registered trademarks of Masimo Corporation.

<sup>1</sup> Not all features are available in all countries. Please check with your Philips representative.

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