Medtronic

HealthCast™ Vital Sync™ virtual patient monitoring platform

Monitor remotely. Respond proactively.

The HealthCast™ intelligent patient monitoring portfolio is comprised of remote monitoring, connectivity, and interoperable solutions to help optimize workflow efficiencies, simplify patient management, and empower clinicians to prioritize care with actionable insights. The HealthCast™ portfolio includes: BioButton®* multi-parameter wearable, HealthCast™ Vital Sync™ virtual patient monitoring platform and HealthCast™ Services.

*Third-party brands are trademarks of their respective owners

Designed to help enhance clinical insights and improve workflow[1]

With remote continuous monitoring, you can view subtle but clinically significant changes even when you are outside the patient's room. Whether it's across an entire healthcare enterprise, within one hospital, or a single area of care, the HealthCast™ Vital Sync™ virtual patient monitoring platform can make the impactful connection you need to help you improve clinical workflow and promote optimal patient safety.

The HealthCast™ Vital Sync™ virtual patient monitoring platform is designed for:
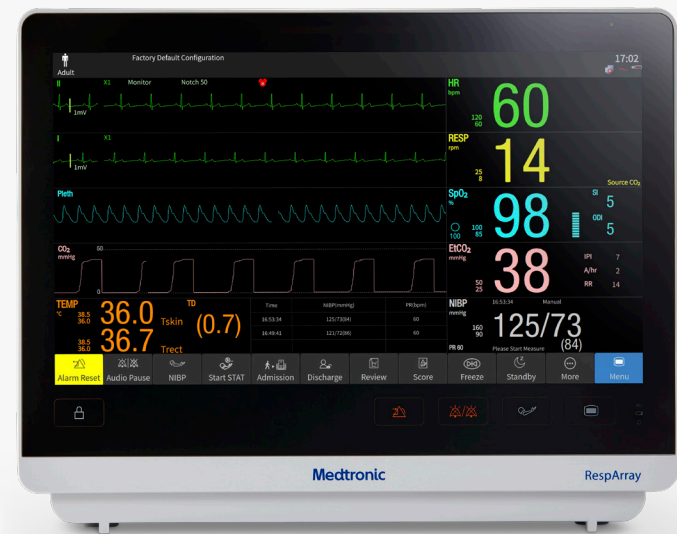
- **Scalability** – virtual platform grows as the hospital or healthcare enterprise grows
- **Interoperability** – a single hub for additional data to flow into as technology innovation continues to expand
- **Integration** – Vocera, Spectralink, Spok, etc.
- **Clinical insight enhancement** – vs. spot checking[1]
- **Improving your workflow** – help make daily care planning easier[1]
- **EMR connectivity** – a simple and economical solution to connect your unconnected devices to your EMR and improve your workflow[1]

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Continuous monitoring wherever you are

Balancing patient load, patient acuity, and clinical resources is increasingly challenging.

The HealthCast™ Vital Sync™ virtual monitoring system can be a valuable tool to help manage your patients. Enhanced compatibility with the RespArray™ multiparameter patient monitor help surface additional insights to users to enable increased clinical decision making.

See how capnography and pulse oximetry can help you identify patients at risk for opioid-induced respiratory depression.

Discover more about the PRODIGY study »

- Remotely monitor patient SpO_2, plethysmograph waveform, $etCO_2$, capnograph waveform, respiratory rate, pulse rate, and additional patient parameters

- Escalate surveillance with $etCO_2$ monitoring of higher risk patients, like those at risk of <u>respiratory compromise</u>

HealthCast™ Services is your end-to-end partner for installation, support, and beyond.

Streamlined integration for seamless monitoring

Although the value of remote continuous monitoring is clear,[2,3] the implementation process can be complex.

That's why our team of experts, including credentialed clinicians and engineers, will work alongside your staff to integrate the HealthCast™ Vital Sync™ system quickly and successfully into your existing workflows and devices.

Detect and react sooner

With near real-time insights and alarms, the HealthCast™ Vital Sync™ virtual patient monitoring platform gives care teams the power to stay ahead of patient deterioration and intervene quickly when patients need help.

Especially for patients at high risk, where intermittent spot-checking can be insufficient, continuous remote monitoring can be the right solution to better track adverse events and respond quickly.

Get timely, meaningful data to help make confident decisions

World-class patient monitoring, at your fingertips.

Native integration with Nellcor™ pulse oximetry, Microstream™ capnography, and the RespArray™ multiparameter patient monitor provides fast and accurate patient data and enables confident clinical decisions.

Connecting the RespArray™ multiparameter patient monitor to the Vital Sync™ virtual patient monitoring platform enables users to view patient information across an area of care, providing care to patients who need it most.

Know who needs you. Right now.

The HealthCast™ Vital Sync™ virtual patient monitoring system provides critical alarms and actionable insights on any web-enabled device and via the Vital Sync™ mobile app.

Access near-real time patient data via the Vital Sync™ mobile app and confidently monitor at-risk patients from anywhere.

NOTE: Mobile app version 3.4 is only compatible with HealthCast™ Vital Sync™ platform version 3.4.

Connectivity where it matters

The virtual patient monitoring system designed to simplify your workflow.

The HealthCast™ Vital Sync™ platform version 3.4 is compatible with the following Medtronic monitors:

• RespArray™ multiparameter patient monitor
• Capnostream™ 20p bedside monitor
• Capnostream™ 35 portable respiratory monitor
• Nellcor™ PM1000N bedside respiratory monitor

Or for compatibility with third-party devices, such as:

• Philips V60™* and V60 Plus™* ventilators
• Welch Allyn CONNEX™* vital signs monitor (CVSM)

Dedicated support from day one

Choosing a virtual patient monitoring platform is about more than product features.

It's also about finding a partner that offers long-term clinical, technical, and maintenance support and education that puts you and your patients first in a rapidly changing environment.

Get support that pivots with your needs: the HealthCast™ Vital Sync™ system is one part of our complete respiratory care monitoring packages that can be implemented quickly as patient acuity and load fluctuates.

Your HealthCast™ support team is available to help around the clock, 365 days a year.

To learn more:
Visit <u>Medtronic.com/healthcast_vitalsync</u> or contact your local Medtronic representative.

Please consult the RespArray™ patient monitor reference manual and Vital Sync™ virtual patient monitoring platform reference manual for additional information.

The Microstream™ capnography and Nellcor™ pulse oximetry monitoring systems should not be used as the sole basis for diagnosis or therapy and are intended only as adjuncts in patient assessment.

The HealthCast™ Vital Sync™ remote monitoring system should not be used as the sole basis for diagnosis or therapy and is intended only as an adjunct in patient assessment.

1. Torr, M. Vital Sync™ Post Market Clinical Follow Up Survey Results. Medtronic and Purdie Pascoe white paper. 11/2022 -US-PM-2200342.

2. Bellomo R, et al. A controlled trial of electronic automated advisory vital signs monitoring in general hospital wards. *Crit Care Med.* 2012;40(8):2349-61.

3. Prgomet M, et al. Vital signs monitoring on general wards: clinical staff perceptions of current practices and the planned introduction of continuous monitoring technology. *Intl J Qual Health Care.* 2016;132:424-39.

HealthCast™ Vital Sync™ platform v3.4 remote-control functionality has not been cleared by the FDA and is being released per FDA's Enforcement Policy for Non-Invasive Remote Monitoring Devices Used to Support Patient Monitoring During the Coronavirus Disease 2019 (COVID-19) Public Health Emergency (Revised), updated October 2020.

HealthCast™ Vital Sync™ mobile app v3.4 has not been cleared by the FDA and is being released per FDA's Enforcement Policy for Non-Invasive Remote Monitoring Devices Used to Support Patient Monitoring During the Coronavirus Disease 2019 (COVID-19) Public Health Emergency (Revised), updated October 2020.

HealthCast™ Vital Sync™ platform v3.3.1 connectivity to Philips V60 and V60 plus has not been cleared by the FDA and is being released per FDA's Enforcement Policy for Non-Invasive Remote Monitoring Devices Used to Support Patient Monitoring During the Coronavirus Disease 2019 (COVID-19) Public Health Emergency (Revised), updated October 2020.

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