

Masimo Announces Vital Signs Check Application For The Root® Patient Monitoring Platform



[Masimo](#) has announced the worldwide release of the Vital Signs Check Application, an integrated patient data collection and workflow application for the Masimo Root® patient monitoring and connectivity platform. Vital Signs Check, available for new and existing Root customers through a software upgrade, augments Root's versatility by helping to automate hospital vital signs testing workflows.

Root is a powerful, expandable platform that integrates an array of technologies, devices, and systems to provide multimodal monitoring and connectivity solutions – in a single, clinician-centric hub. Root's plug-and-play expansion capabilities allow clinicians to simplify patient monitoring by bringing together advanced rainbow SET™ Pulse CO-Oximetry, brain function monitoring, regional oximetry, capnography, and vital signs measurements on an easy-to-interpret, customizable display, empowering clinicians with important information for making patient assessments.

Root Vital Signs Check allows clinicians to streamline vital signs measurement workflows and optimize patient data management through:

- **Automated patient association**, with the ability to quickly associate clinicians with their measurement sessions and patients with their data using barcode scanning or a drop-down menu that pulls data from a hospital's HL7 Admit Discharge Transfer (ADT) system.
- **Centralized data collection using a single device.** Root, with the use of its optional roll stand, serves as a convenient, mobile data collection point for a variety of integrated measurements, including oxygen saturation (SpO₂), pulse rate, respiration rate, noninvasive hemoglobin (SpHb®), and noninvasive blood pressure and temperature (including, in the U.S., non-contact thermometry via the newly announced TIR-1™). Clinicians can also enter up to 30 additional measurements for immediate documentation and validation at the patient's bedside, configured for each care area's protocols.
- **Early Warning Scores.** Configurable early warning scores (EWS) can be calculated using up to 14 Root-measured and manually-entered contributors, as determined by hospital protocol.
- **Immediate electronic charting at the bedside**, with the ability to send complete, comprehensive data to the hospital electronic medical record (EMR) with the touch of a button. If a network connection is interrupted or only available at an access point, Root can store up to 1,000 sessions and automatically push all data to the EMR once network access becomes available, saving time and minimizing the need for manual documentation. Local storage, coupled with unique patient identifiers, also allows clinicians to trend and review progress over time from the bedside, which may help to identify patterns of deterioration

Joe Kiani, Founder and CEO of Masimo, said, "From the operating room to the emergency room, from the ICU to the med-surg unit, Root is streamlining care, simplifying access to critical data, and improving hospital workflows, all so that clinicians can stay focused on their patients. With the Vital Signs Check app, Root's utility is further enhanced, taking an important aspect of hospital care – the repetitive, data-and-labor-intensive measurement of patient vitals – that can benefit greatly from automation and bringing it in line with the best that modern technology offers."

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