



GE HealthCare

Connectivity solutions for the Portrait VSM monitor

Care with confidence

Accurate and reliable vital signs data – straight to your EMR.

The Portrait™ VSM vital signs monitor sends accurate patient data directly to your EMR system via wired or wireless network. Data can be sent whether measurements were taken during spot check mode or continuous monitoring.

EMR connectivity offers clinical benefits that count. It helps support timely and confident treatment decisions based on accurate vital signs data, by eliminating the delay caused by manual data entry and helping to eliminate the risk of erroneous manual charting.

The Portrait VSM monitor, the next evolution of the DINAMAP™ vital signs monitors, combines exceptional measurements with proven connectivity in a durable device designed for a general care workflow.

Configurable Early Warning Score platform – scoring at point of care.

The Portrait VSM can be configured to support typical EWS protocols like MEWS or NEWS2, or five customized EWS. The protocol is defined by the clinical facility and can be configured with help of the built-in software feature "Customized EWS". Settings are copied to the Portrait VSM monitors running EWS locally.

One monitor can support up to seven protocols. The EWS score is sent with vital signs and observations to the EMR where the EWS score trending can happen. The EWS score with customizable instructions for the caregivers are clearly visible on the screen at the point of care. Scores can also be visualized with configurable colors.

With help of the configurable EWS platform on the monitor, the hospital can facilitate use of the early warning score in daily practice to assess the patient condition and, if needed, escalate further actions according to the EWS protocol and hospital policy.



Reliable connectivity on proven pathways.

The Portrait VSM monitor can make wired or wireless connection to an EMR via three reliable routes, providing flexible solutions that can scale from a small clinic or office to a multi-hospital campus:

- To any HL7® compliant EMR through the HL7 interface engine
- To any EMR or interfacing solution complying with IHE profiles patient demographic query (PDQ) and PCD-01 transaction (HL7 V2.6, IEEE 11073 nomenclature and IHE PCD Rosetta Terminology Mapping (RTM) Content Profile).
- To Cerner Millenium™ EMR with iBus™ protocol via CareAware™ VitalsLink™ (iBus protocol with traditional server based or Cloud infrastructure). The supported workflows are: barcode scanning for clinician authentication, patient lookup as well as posting data directly to the EMR as it is confirmed. The Cerner integration is optional and license-based.

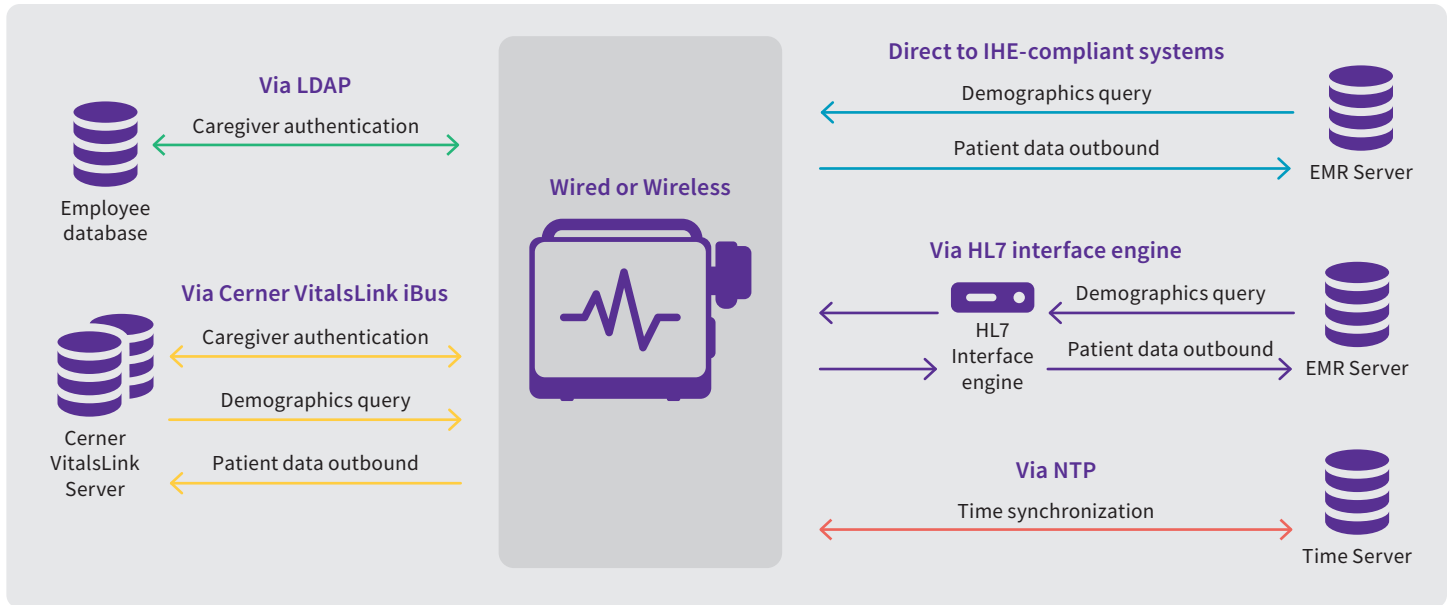
Other optional connectivity features include:

- LDAP access to the hospital network for clinician user ID and password data. This enables the caregiver to quickly associate themselves with a monitor which, in turn, can be automatically documented in the electronic patient record.
- Compatibility with a network time protocol (NTP) for device clock synchronization, helping ensure data accuracy.
- Alarm connectivity with the hospital by way of nurse call system.

More about connectivity through the gateway.

There is a point at which it becomes more economical and efficient to aggregate the individual HL7 feeds from the vital signs monitors into a single outbound feed to the EMR. This is due to two factors. First, many EMR vendors charge per inbound feed, often on the order of thousands to tens of thousands of dollars. Second, each feed must be documented, configured, and tested in order for the data to be received by the EMR.

The HL7 interface engine can acquire the trended vitals directly from the monitors and output a single HL7 feed to the EMR.



Not all products or features are available in all markets. Contact a GE HealthCare Representative for more information.

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