CareAware
EHR agnostic platform

Open architecture enabling device connectivity to any EHR

Connecting people to devices, devices to the workflow and the workflow to outcomes

A comprehensive approach

To help hospitals address the knowledge gap that exists between medical devices and the electronic health record (EHR), Cerner created the CareAware™ architecture. *CareAware* can connect medical devices to any EHR platform, enabling bi-directional data sharing in order to maintain a Single Source of Truth™ for patient data.

Connecting validated medical devices to the EHR is an important step toward medical device interoperability. By closing this knowledge gap, manual data transcription errors and workflow inefficiencies decrease, while access to a richer set of patient information, clinical decision-making abilities and patient outcomes can be improved.

The power of the *CareAware* platform for medical device integration is available to clients with any EHR system. This architecure is a comprehensive enterprise-wide approach for device integration, eliminating the need to work through multiple vendors in order to achieve a successful device connectivity strategy.

Continuous patient monitoring

CareAware iBus® provides far more than a simple device data interface; it automates the collection of continuous device measurements. These measurements are presented to the nurse on an intuitive validation flowsheet, enabling the nurse to efficiently validate ranges of measurements, and to make corrections if needed. Once validated, the measurements are automatically included in the patient's EHR.

Key benefits
CareAware iBus is designed to:

- Be a workflow-driven solution that connects devices to the EHR, making it the Single Source of Truth™

- Consolidate devices and systems for streamlined management and maintenance

- Leads to less time charting and more time spent on the number one priority, patient care

EHR AGNOSTIC

Health care is too important to stay the same.™

Cerner®

Seamless interoperability between medical devices

In addition to the traditional *CareAware iBus* infrastructure, the *CareAware iBus* can also be adopted as a cloud-based infrastructure. The cloud-based option provides a continuous delivery model when implementing and deploying solutions such as CareAware VitalsLink®, *CareAware iBus* for Bedside Medical Device Integration and *CareAware iBus* for Medical Device Integration. Solutions are deployed and recieve updates automatically, reducing the amount of time spent doing manual updates and upgrades. The cloud-based model helps to ensure clients are working with the most up-to-date software.

Mobile vitals collection

One of the most common workflows for a nurse is taking a patient's vital signs. Once the vitals are collected, nurses are typically required to manually enter the vital signs into the patient's EHR, creating a potential source of error or a delay in vitals being entered.

CareAware VitalsLink provides a streamlined, barcode-driven process on an integrated device for clinicians to chart vitals data directly into any EHR system at the point of care directly from the device.

Alarm management

CareAware Event Management™ (referred to as *CareAware AlertLink®* in non-U.S. markets) is a sophisticated notification integration system that routes critical alerts to care team members. By collecting alarm data from devices, nurse calls and ancillary third party technologies, it's easier to intelligently inform and appropriately notify the right people. With *CareAware Event Management,* health care organizations can use software, reporting and other tools to provide a holistic view of the alarm environment at a glance.

Integrated device strategy

The Cerner Validation Program for Medical Devices creates a relationship between Cerner and medical device manufacturers to better acquire data from devices to integrate to the electronic health record via the CareAware device connectivity architecture. With more than 50 validated device partners and a driver library of over 1,000 drivers to enhance and simplify our clients' health care experience, Cerner is working with our clients and partners to continue to evolve the device portfolio. Presently, these vitals sign monitors provide built-in bidirectional device integration:

To view a list of the validated drivers and devices, please click here or visit https://connect.ucern.com/docs/DOC-78739.

About Cerner

We're continuously building on our foundation of intelligent solutions for the health care industry. Our technologies connect people and systems, and our wide range of services support the clinical, financial and operational needs of organizations of every size.

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CareAware®
is Cerner's EHR-agnostic platform for integrating the Internet of Medical Things. Supporting EHRs include:

Cerner Millennium®
Cerner Soarian®
Cerner i.s.h.med®
Cerner medico®

Non-Cerner EHRs:
Epic
Meditech
Medhost
Copra
iMDsoft

Cerner®