

REAL-TIME HEALTH SYSTEM

Right now actionable results

The digitization of healthcare is setting the stage for a Real-Time Health System (RTHS) of the future by enabling integrated and holistic, near real-time data that converts to actionable insight. Cerner can help you achieve predictable excellence in clinical, operational and financial outcomes with solutions that integrate data throughout your network and within the health system.

Real-time data. Real intelligence. Real results.

With a next-gen RTHS, you'll know not just **HOW** and where to care, but **WHEN** to care.

RTHS KEY BENEFITS:



Managing operational efficiency with near real-time analytics and predictive intelligence



Centralizing operations to provide situational awareness and trigger immediate action



Enabling advanced mobile clinical workflows

Operations

Optimizes patient journey through health system, coordinating critical resources and a precision care team across the continuum.



Predictive intelligence

Uses data science and machine learning at scale to analyze, interpret and comprehend historical data to make predictions and inform future care.



Virtual health

Provides care at a distance, using an ecosystem of virtual and remote services and technology to deliver quality cost-effective care anywhere.



Device connectivity

Enables interoperability between medical devices, healthcare applications and the EHR, regardless of vendor.



Smart hospital

Streamlines behind-the-scene activities to promote greater efficiencies and provide an enhanced user experience.



Clinical communications and mobility

Brings together care team communications, clinical workflows and alarm management on one mobile device to improve efficiency and coordinate care.

Foundational components of Cerner RTHS



Cybersecurity

Fortify your organization with a more protected and secure posture using a comprehensive cybersecurity approach.



Advisory services

Guide your organization through evaluation and ongoing transformation of people, process and technology to help drive outcomes and reduce costs through operational excellence.



Artificial intelligence and machine learning

Enhance workflows, provide coordinated care and improve clinician experience by helping reduce unintentional bias and ensure conscious decision-making.

How transforming near real-time data informs care team actions



Integrates medical device data

Medical device data integration helps decrease manual data entry and transcription errors. Access to richer patient information helps improve clinical decision-making and patient outcomes.



Provides care team with clear line of sight

Situational awareness helps manage capacity and workforce and helps prevent barriers to throughput.



Improves health outcomes

The right information is intelligently routed to the right person at the right time, putting critical information in the hands of clinicians.



Supports the consumer's health journey

Intelligent data bridges care team relationships and helps improve healthcare outcomes.