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
- Predictive intelligence
  Uses data science and machine learning at scale to analyze, interpret and comprehend historical data to make predictions and inform future care.
- Device connectivity
  Enables interoperability between medical devices, healthcare applications and the EHR, regardless of vendor.
- Virtual health
  Provides care at a distance, using an ecosystem of virtual and remote services and technology to deliver quality cost-effective care anywhere.
- 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.
- Operations
  Optimizes patient journey through health system, coordinating critical resources and a precision care team across the continuum.
- 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.

Foundational components of Cerner RTHS
- 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.

How transforming near real-time data informs care team actions

Operations
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