

The Smart Hospital

IN-PATIENT REMOTE MONITORING



Be ready for what's next by unlocking the potential within your data.

Your hospital is under pressure to increase productivity and efficiency in order to reduce costs and improve margins. And while your focus is on operations, your patients are evolving into consumers with the resources to grade your performance. To meet their needs and increase productivity, the future of patient care lies within smart hospitals.



The hospitals of the future will have their own eyes and ears that automate event orchestration for better healthcare. Artisight in partnership with Dell Technologies and NVIDIA, has made this future a reality today.

US HOSPITALS

67%

Run on Dell EMC storage infrastructure

Source: Definitive Health Analytics, September 2020

HEALTH SYSTEMS

7 of top 10

Run on NVIDIA AI Computing Platform

Source: NVIDIA Internal Sales Data

DATA DRIVES IMPROVEMENT

To improve your hospital's efficiency and help your doctors, nurses and clinical staff make more informed decisions; your smart hospital framework should include three essential layers — data, insight and access. Simply digitizing or making your hospital paperless is not enough. Data must be integrated and securely available using a powerful compute and storage system that scales from your core IT environment to an edge network, making data accessible to hospital staff when they need it.

POWERFUL INTELLIGENCE

A deep learning-powered productivity platform designed by physicians and operational experts provides insight that was previously lacking to address a modern hospitals' needs. By focusing Artificial Intelligence (AI) on the right problems, such as in-patient remote monitoring, your hospital can have real-time access to actionable data to improve productivity while ensuring HIPAA compliance.



Artisight IoT Sensor Network

Powered by NVIDIA Clara™ Guardian, a smart hospital application framework



PowerEdge Servers & PowerScale Storage

Simple, scalable storage for any data, anywhere

In-Patient Remote Monitoring

Built on a network powered by the NVIDIA Clara™ Guardian application framework and NVIDIA AI Computing Platform with Dell PowerEdge Servers and Dell EMC PowerScale for long term storage — Artisight's In-Patient Remote Monitoring solutions protect patients and staff while lowering costs. Intelligent sensors, storage hardware and AI create a platform that provides ROI on day one.



BENEFITS

- ◆ Privacy screen for patient and staff autonomy
- ◆ Reduce patient falls and one-to-one sitter costs
- ◆ More frequent clinician check-ins with patients
- ◆ Save supplies with less PPE consumption
- ◆ More efficient bed management using real-time status dashboards

FEATURES

- ◆ Mobile and fixed computer vision enabled object detection
- ◆ Audio with 2-way push-to-talk functions
- ◆ Monitor multiple patients on one screen with up to 6 screens per unit
- ◆ Intuitive on-screen controls for responsive pan, tilt and zoom
- ◆ Automated alarms and prerecorded patient alerts
- ◆ EHR integration



TELEMONITORING

78%

Fewer patient falls*

Have a high-definition digital window into patient rooms with smart cameras that can be configured to use cases as simple as checking-in with patients remotely, or as advanced as detecting signs of movements associated with falls and alerting staff before an adverse event occurs.

TELESITTING

66%

Less workplace violence*

Protect your clinicians from workplace violence and reduce the cost of monitoring at-risk patients by allowing a single staff member to monitor several patients remotely. AI algorithms can detect patient agitation and can help staff intervene quickly and safely.

*Validated at Silver Cross Hospital, New Lenox, IL

Provide your clinicians with safer, more efficient patient monitoring.

Reach out to us today to learn how you can use advanced communication and AI to reduce costs, improve productivity and increase profitability and patient satisfaction.



Artisight is an IoT sensor network for healthcare created to improve billing, charting, patient monitoring, workflow optimization and financial performance. Designed by physicians, operational experts and AI scientists, our HIPAA compliant platform uses AI to analyze data and uniquely generate new and previously inaccessible data sets.

» **Contact us** to learn how we can help your hospital achieve safer environments



Dell Technologies is helping healthcare and life sciences organizations simplify their administration; coordinate and manage patient care; transition from episodic care to coordinated, advanced personalized care with a focus on prevention and wellness; and ultimately improve population health and individual patient outcomes.

» **Learn more** about our solutions for healthcare



NVIDIA Clara™ Guardian is an application framework and a partner ecosystem that brings smart sensors and multimodal AI together to improve patient care, operational efficiency and public safety in healthcare facilities.

» **Learn more** about NVIDIA Clara™ Guardian