

Iron Bow vCLINiC™ Powered by Vidyo

A Cloud-Ready Device for
Interactive Video Communication
and Patient Monitoring



Use Cases

- ICU monitoring capabilities to identify early intervention opportunities for the most critical and highest cost patients
- Virtual rounding and patient consultations with real-time, high-quality video
- Concurrent multispecialty consults at patient bedside
- Care coordination, patient education, and discharge planning
- Specialty access

Benefits

- Reduce total length of stay and readmissions
- Improve outcomes in complex care by facilitating multispecialty, multidisciplinary clinician collaboration
- Improve patient and family satisfaction scores through virtual rounding by engaging the patient and family in care decisions
- Optimize scarce resources such as care coordinators, case managers, and other staff, especially in hospitals with multiple campuses

Healthcare Challenge

Improving outcomes, reducing costs, and improving patient and clinician satisfaction – the Triple Aim – are strategic imperatives for today's health systems. The reality is reimbursements are shrinking, there is a brewing shortfall of physicians (particularly specialists), and an aging population with increasingly complex disease states that seem to be conspiring against the goals of the Triple Aim. Healthcare leaders must find solutions that transform the way they deliver care. Many leading health systems are seeking a virtual care strategy to help them contain costs, improve clinical efficiency and outcomes, and deliver a world-class experience to their patients and families.

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For care providers and their extended care environments needing an easy to use, reliable, and scalable clinical communications solution, the Iron Bow vCLINiC (Powered by Vidyo) is a cloud-ready video endpoint designed to perform in a wide variety of clinical settings which range from ICU environments for patient monitoring, to stroke and general clinical consults.

The vCLINiC provides video quality and reliability, and crystal clear audio with a solid state, fanless design to minimize sound disturbance and ensure the maximum levels of unit performance uptime. Additionally, it offers maximum deployment flexibility and can be mounted on a wall, desk, arm or cart.

Founded on Iron Bow's successful Clinical Care Device technology, the Iron Bow's vCLINiC incorporates Vidyo's proprietary endpoint software and is fully optimized for VidyoCloud. It is a hybrid-cloud offering, a fully managed service with traffic managed in the hospital system network, leveraging Vidyo's patented routing technology.



“The future of Virtual Care is highly dependent on the interoperability of complementary technologies. Vidyo’s integrations with major Electronic Health Record (EHR) vendors such as Allscripts, Cerner, and Epic, provide both ease of deployment and protection of legacy investments.”

-Rene LaVigne,
President and CEO Iron Bow

Anticipated Results

Health systems will have the opportunity to transform their care delivery model into one that dramatically improves clinical efficiency, outcomes, and satisfaction while keeping costs under control.

Telemedicine program directors who have a heterogeneous mix of legacy telemedicine investments, including proactive system monitoring, can rapidly deploy new beds and improve patient coverage with the peace of mind from optional endpoint monitoring and status. ICU directors can monitor all patients at the hospital and in remote locations using the vCLINiC to identify early-intervention opportunities to improve outcomes for the most critical and high-cost patients. For Chief Medical Information Officers who need to improve clinical outcomes using technology, the vCLINiC is an affordable solution that improves patient coverage, increases access to scarce specialty resources, reduces costs by reducing unnecessary transfers, and enables virtual rounding and streamlined care coordination on complex cases.

Software Features



Video Quality and Error Resilience

Best image quality for practitioners to see true-to-life color, motion, skin-tone, with a reliable connection over variable bandwidth and network conditions in all care settings



Cloud-delivered video with hybrid support

Network adaptation technologies for dynamically optimized video available anywhere, anytime



Optional integrations with top EHRs

Supports clinical workflows (Epic, Cerner, and Allscripts) while seamlessly integrating into heterogeneous technology environments



Electronic protection for health information (ePHI)

Meet healthcare and enterprise security standards with TLS, SRTP, H.235, and AES 128-bit encryption



Click-to-Connect

Easy to use and designed with clinicians and patients in mind – one click to join a consult or meeting



Supports HIPAA compliance

HIPAA-compliant Business Associate Agreement (BAA) to meet healthcare requirements

Hardware Features



Wall, cart, arm, or desktop options

Flexible physical configuration for any clinical environment



Pan-tilt-zoom camera with far-end camera control

Remote, real-time camera adjustment to focus on the patient, with 10x optical/10x digital PTZ



Splashproof industrial monitor and case

Stands up to the rigors of the most demanding clinical environments



Integrated noise/echo canceling audio and fanless PC design

Optimized audio experience with crystal clarity for participants



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