

EasySuite™ Video Conferencing

Conferencing for Medical Professionals

FEATURES:

- Controlled via clinician-friendly EasySuite touch panel
- Easily and securely connects the OR to the rest of the hospital
- Promotes real-time clinician collaboration
- Supports industry-standard high definition (HD) video
- Protects patient privacy with outbound screen masking

Videoconferencing in healthcare is essential for effective clinician teamwork. EasySuite has long enabled collaboration within the operating room (OR) and now, with the EasySuite™ Conferencing add-on, clinicians can easily collaborate with colleagues outside of the OR in real-time via two-way, high-definition audio and video sessions.

Collaboration Convenience - Combining Power with Ease of Use

Because technology should help clinicians, not frustrate them, EasySuite integrates powerful video conferencing capabilities into the same straightforward and simple EasySuite user interface they use every day. Even nontechnical clinicians can initiate conferences themselves and confidently share the OR environment with colleagues, without needing to call in an army of A/V staff. Because it's so easy to use, clinicians can start conferences on-demand when they're needed, rather than scheduling them weeks in advance.

Bringing the OR to the Rest of the Hospital - Securely

Traditionally, ORs have been one of the most isolated areas of the hospital – with good reason. However, today, EasySuite makes it possible to bring the OR to the rest of the hospital for remote consultations, tele-mentoring, surgical demonstrations for professional conferences, and focused student/resident teaching sessions.

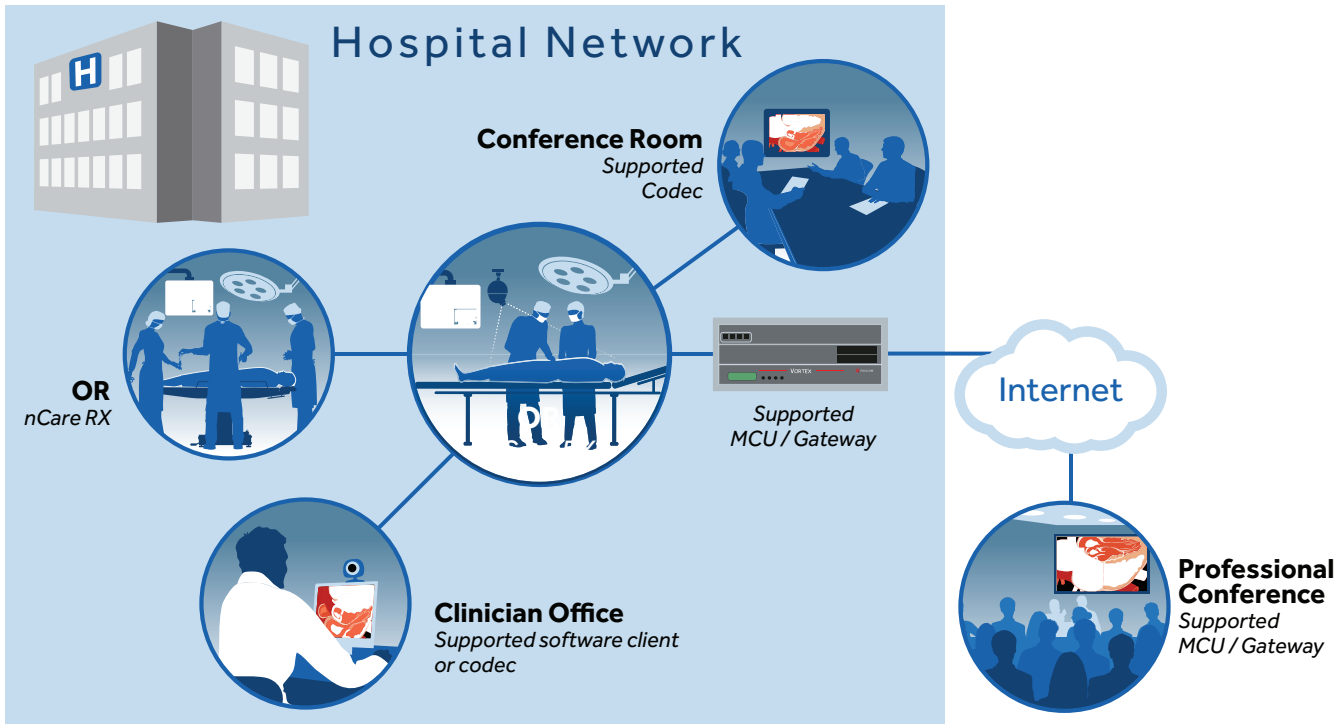
With EasySuite's built-in PHI masking feature, hospital officials can be certain that, even as clinicians share vital clinical information, patients' health information is always protected.

Standards-based Communication for Seamless Interoperability

EasySuite supports standards-based conference initiation and video compression so ORs can seamlessly communicate with other ORs, clinical departments, and conference rooms. EasySuite Conferencing inter-operates with most high-definition CODECs and multi-point control units (MCU). If hospital policy allows, the OR can communicate with colleagues outside of the hospital through an appropriately configured conference gateway or MCU.

Simplified for Complex Hospital Infrastructures

Unlike competitors that rely on third-party systems, EasySuite Conferencing leverages the built-in nCare RX so there's no additional hardware to purchase, find space for, power, cool, or maintain. And because it's completely integrated into EasySuite, there's no complicated, technical user interface to learn, making EasySuite the video-conferencing choice that's easy on both clinicians and IT staff.



SYSTEM SPECIFICATIONS

Control

- Conferencing controlled via EasySuite™ user interface
- Placing and receiving video calls
- Manual answer, auto reject, and auto answer
- 3rd party control options – Crestron

3rd party control:

- Supports all EasySuite Conferencing Tasks
- Supports inbound/outbound video calls and auto answer

Video

Live Video Resolutions

- High Definition 1080p, 8-12 Mbps
- Standard Definition 720p, 2-4 Mbps
- Low Definition 720p, 1-4 Mbps

Standards and Protocols

- Media - H.264
- Call control - SIP
- Byte-limited slices & fragmentation - RFC 3984
- Session Description - SDP, RFC 4566
- RTP/RTCP over UDP

Asymmetric RTP

- Incoming Only

Sources

- Any EasySuite source can be routed into the conference.
- Source types include: SDI, S-video, DVI, Component, Composite

Multi-Point Support

- Via 3rd party multi-point control unit*

Off Network Operation

- Via 3rd party internet capable MCU or gateway*

Audio

Standards and Protocols

- L16 (44.1 kHz)
- G.722 (16 kHz)
- PCMU (8 kHz)
- PCMA (8 kHz)

Network

SIP Communication

- 100 Mbps minimum
- 1 Gbps recommended

Firewall

- For LAN-based operation, no open ports required
- For installation and services purposes only - ports 5060, 50000-50399 required open

3RD PARTY CONFERENCING EQUIPMENT

- Image Stream Medical has validated a variety of CODECs and MCUs for operation with EasySuite Conferencing
- These include models from Cisco, LifeSize, Polycom, & Vidyo*

*Contact Image Stream Medical Support for full list of supported equipment. Interoperability testing may be required.



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