

STATE-OF-THE-ART VIDEO MANAGEMENT

Powerful and Boundless.



VIDEOS ARE AVAILABLE WHEREVER NEEDED, WHETHER LIVE OR RECORDED, FOR TEACHING OR REFERENCE

Live and stored video images can be easily viewed throughout the hospital's "video network" (and beyond) for teaching, mentoring, and supervision purposes and to improve overall efficiency. The ergonomics of the room are enhanced due to better image management, and the patient workflow can be better supported. Teaching and exchange of expertise are greatly facilitated. Videos can be linked to patient information and are available from any point in the hospital network.

Being Flexible Inside the Operating Room



- Real-time video routing within the operating room allows for flexible adjustment to every situation.
- Nurses and physicians can easily control the image distribution as well as the communication inside and outside the OR.
- Immediate recording is available for every video channel within the OR.
- An easy-to-use interface improves the workflow and enhances overall quality.



ENHANCED LEARNING AND IMPROVED COMMUNICATION BY CREATING A VIDEO NETWORK



- Videos can easily be streamed within or between departments using existing network infrastructure.
- Authorized hospital staff are able to view live video from anywhere within the hospital's video network for teaching, mentoring, or supervision purposes.
- Surgical team members can monitor intervention progress from outside the OR for better time management, reducing waiting times and streamlining the workflow between patients.
- Senior members can follow the procedure from outside the OR and easily send videos to students for teaching purposes.

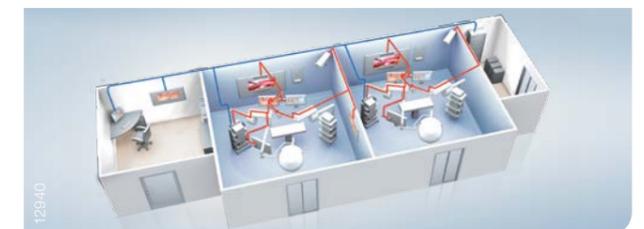
Image Management

- Still and video images can be viewed on any monitor in the room.
- Videos can easily be recorded for reviewing or teaching purposes.



Consultation

- A video network can be created to stream video and audio between rooms or to authorized observers.
- The coordination of procedures and department activities is improved, and mentoring and consultation can be carried out more efficiently.

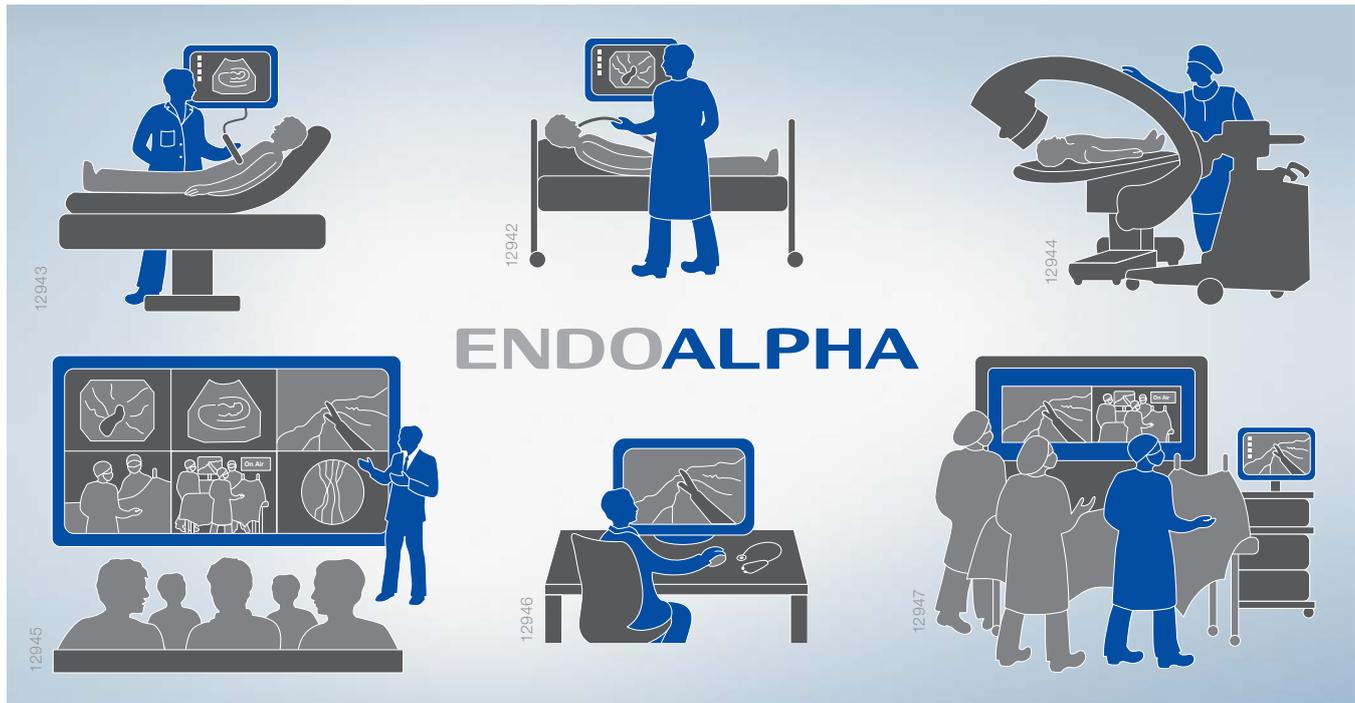


Scientific Exchange

- An expandable video network can include on-site or remote lecture rooms for scientific exchange.
- Video exchange for routine training, seminars, and remote live events are greatly facilitated.



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Benefits of ENDOALPHA Video Management

-  **High-Quality Video Distribution inside and outside the Operating Room, Including Bidirectional Surgery Audio**
 - Crystal-clear HD images in the operating room or in doctor's office promote convenient operation as well as collaboration, mentoring, and teaching.**Support of Common Video Standards**
 - Compatibility with all major imaging-equipment manufacturers (c-arch, ultrasound, cameras, etc.) is given.
-  **Customizable Multi-Stream Viewer Displaying Live Videos from Multiple Inputs on One Screen**
 - OR managers and nurses are able to coordinate their unit by seeing live videos from multiple rooms on a single centralized display, helping to increase efficiency of the unit.
 - Procedure observers such as students can learn by having the ability to see multiple streams (i.e. endoscopy, X-ray, pathology, room camera) simultaneously on a single PC monitor.
-  **On-Air Light Showing Current Room Streaming/Broadcast Status; Privacy Mode Allows for Uninterrupted Surgery**
 - Control of privacy is in the hands of the OR team, who can easily see and change the status of the outgoing content.
-  **Authorization and Access-Rights Management**
 - Access to the Web-based player is password protected and allows only authorized users to join the live stream. Services like LDAP and Active Directory are supported to easily integrate the central user and access-rights management of the hospital.
-  **Recording and Video On Demand of All Live Streams on and from a Central Server**
 - The Web-based interface enables time-and space-independent access to all the recorded videos.
 - During replay of an examination, still images can be captured at any time.
 - The records can be used for teaching events or to gather patient data.

Specifications, design, and accessories are subject to change without any notice or obligation on the part of the manufacturer.

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