



Senhance[®] Connect

Pioneering Digital Surgical Collaboration

Accelerating the Future of Virtual Collaboration

Welcome to Senhance® Connect

Today, geography is no barrier to gaining real-time access to a second clinical opinion in the Operating Room. With Senhance Connect, healthcare professionals around the globe can support and mentor one another from anywhere, 24/7. Designed with surgeons in mind, Senhance Connect allows providers to interact virtually as if they were collaborating at the patient bedside in the same OR.



Collaborate. Educate. Demonstrate.

Most healthcare professionals collaborate digitally on a regular basis. To facilitate telecollaboration, Asensus complements its digital surgery portfolio with the introduction of Senhance Connect.

The introduction of augmented intelligence (AI) and robotic assisted surgical systems (RAS) is growing fast and is utilized in many surgical specialities and procedures globally. Real-time peer-to-peer collaboration could help reduce the learning curve for surgeons which is crucial when embracing new technologies.¹

Put Every Surgical Procedure in Reach

With the growing complexity of today's procedures, the need for real-time clinical consultations, training, and support is more important than ever. Senhance Connect was developed to elevate the knowledge and connect the global surgeon community securely and easily.

Telementoring can help to grow surgeon confidence, particularly when physical face-to-face mentoring is challenging². A key benefit of telementoring is that it can distribute specialized surgical knowledge and guidance quickly and conveniently at a relatively low cost compared to traditional mentoring.³

How does it work?

Senhance Connect is a digital collaboration platform designed to integrate with the Senhance® Surgical System or as a stand-alone product. With multi-stream video capabilities, viewers can see and hear what the surgeon and staff are experiencing – both in the operating room as well as at the patient bedside.

Throughout the procedure, surgeons can communicate with participants to collaborate, receive troubleshooting advice from a product expert, or utilize digital markers to deliver an immersive and interactive learning experience.

Live-stream your surgery and share the experience among the surgeon community using your hospital's Wi-Fi or Ethernet/LAN connection to ensure high-quality imaging & digital feeds.



Senhance live surgery transmission with Senhance Connect

ENABLE digital collaboration in a secure environment

EMPOWER skills development and knowledge exchange

ENHANCE OR access to improve clinical and product support



Features at a glance

- Real-time interaction with surgical peers
- Secure video transmission (GDPR/HIPAA compliant)
- Patient data remains anonymous
- Recording functionality - save data on a local SD card
- Multi-stream video capabilities including three local camera feeds
- Live annotations & participant chat
- File and screen sharing features
- On-demand real-time product support and troubleshooting
- Small footprint allows cart to be flexibly positioned close to the surgical field

The Future of Collaboration

Clinicians

- Connect with the scientific community using real-time, peer-to-peer collaboration
- Demonstrate best practices to elevate surgical standards and techniques
- Perform proctor- and preceptorship procedures virtually, eliminating the need for travel
- Reduce time out of surgery traveling to observe peer-to-peer cases⁴
- Increase interactions between physician and trainee by allowing physicians to telestrate crucial surgical steps in the trainee's surgical view⁴

Hospitals

- Showcase best practices and facilitate education and training efforts to attendees around the globe
- Improve resident training by remotely teaching state-of-the-art surgical techniques and procedures²
- Decrease educational gaps by virtually hosting conferences, lectures and patient rounds⁴
- Increase second opinion physician availability - especially in emergency situations⁴



Developed by Trailblazers

More than a medical device company, Asensus Surgical is led by a team of passionate people driven to challenge the status quo. Today, Asensus is digitizing the interface between the surgeon and patient, pioneering a new standard of surgery for increased control, less variability, and consistently superior outcomes.

Are you concerned about Privacy and Data Security? Further information can be obtained here:



[Senhance Connect Internet Connectivity Guide](#)



[Senhance Connect Patient Privacy and Cyber Security](#)



[Senhance Connect Connectivity Data Sheet](#)

1. Hachach-Haram N, Miskovic D. Augmented Reality: Moving Robotics Forward. Clin Colon Rectal Surg. 2021 Sep;34(5):345-352. doi: 10.1055/s-0041-1726353. Epub 2021 Sep 3. PMID: 34504406; PMCID: PMC8416328.

2. Pfennig M, Lee A, Mi M. How does telementoring impact medical education within the surgical field? A scoping review. Am J Surg. 2022 Sep;224(3):869-880. doi: 10.1016/j.amjsurg.2022.04.038. Epub 2022 May 6. PMID: 35545476; PMCID: PMC9417933.

3. El-Sabawi B, Magee W 3rd. The evolution of surgical telementoring: current applications and future directions. Ann Transl Med 2016;4(20):391. doi: 10.21037/atm.2016.10.04

4. Ayoub CH, El-Asmar JM, Abdulfattah S, El-Hajj A. Telemedicine and Telementoring in Urology: A Glimpse of the Past and a Leap Into the Future. Front Surg. 2022 Feb 22;9:811749. doi: 10.3389/fsurg.2022.811749. PMID: 35273996; PMCID: PMC8901873.

Eye trackers supplied by Tobii.

The Senhance System was developed under a license of the European Commission Joint Research Centre.

Products may not be available in all markets and indications for use vary by region. Please visit www.asensus.com/indications-for-use or contact your local representative for information about your area.

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Ordering Information

Order Code	Description
X9007741	Senhance Connect
X0009068	Senhance Connect Backup Battery*

*First backup battery comes standard with Senhance Connect. Part number is available for replacement purposes.



Learn more about the clinical applications of Asensus Augmented Intelligence at Asensus.com!

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