exeX

THE FUTURE OF SURGERY

SURGICAL OPTIMIZATION PLATFORM



From Setup Efficiency to Procedural Accuracy

eXeX Transforms the Surgical Team

MAXIMIZED
EFFICIENCY



HIGHER
FLOW STATE



OPTIMIZED
ORGANIZATION



SURGICAL INVENTORY
SETUP

39%
More Accurate[1]

OPERATING ROOM
SETUP

50%
More Efficient[1]

SURGICAL PROCEDURE
STEPS

53%
More Efficient[1]



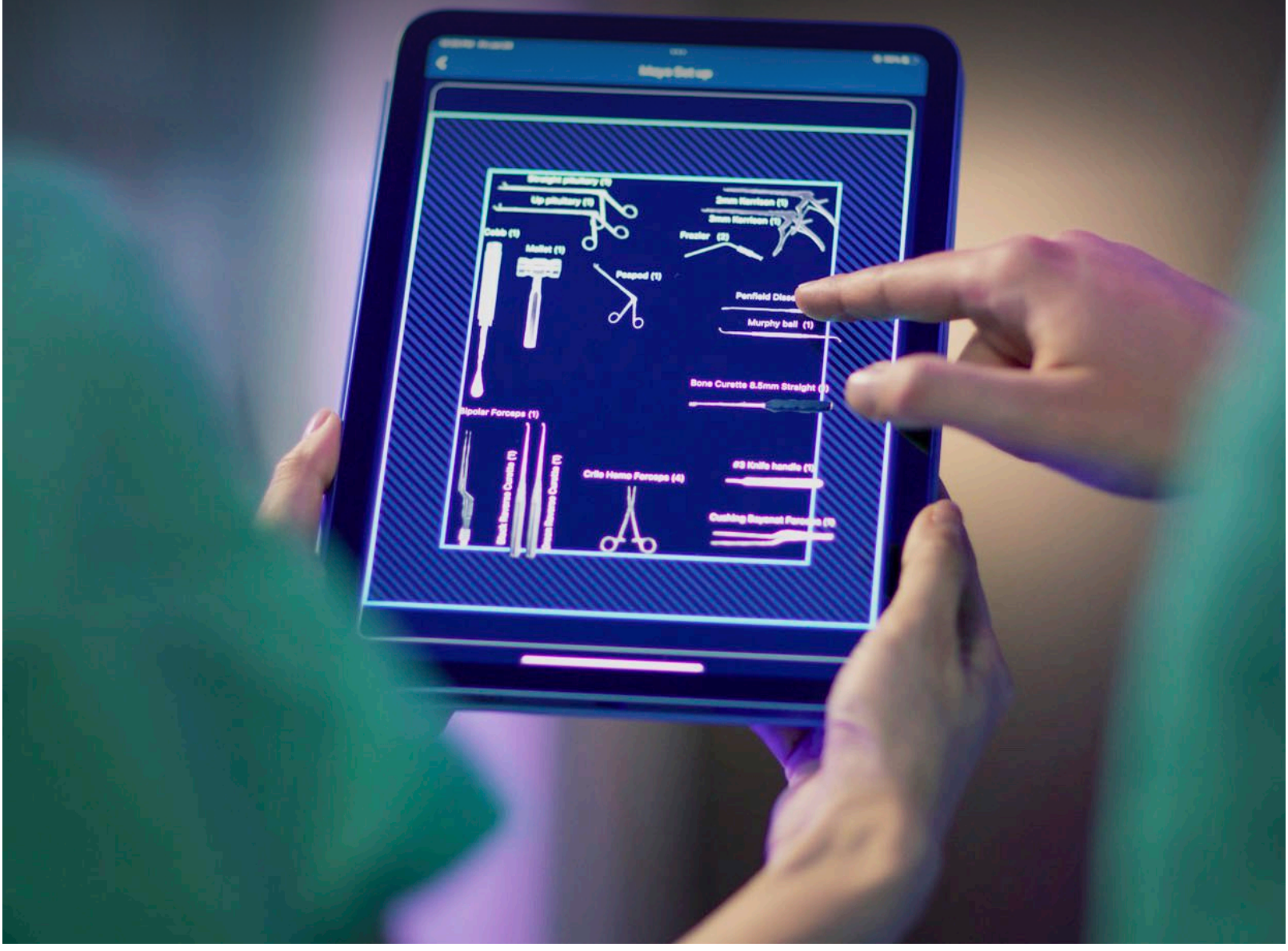
1 - Test Results from Clinical Trials Performed at Global Microsurgical Center, October 2023

ViewerX

Optimization OUTSIDE the Sterile Field

Viewer X is an iOS application - allowing the Nurses, OR Managers, and Scrub Technicians a powerful and simple way to organize and set up a surgical procedure.

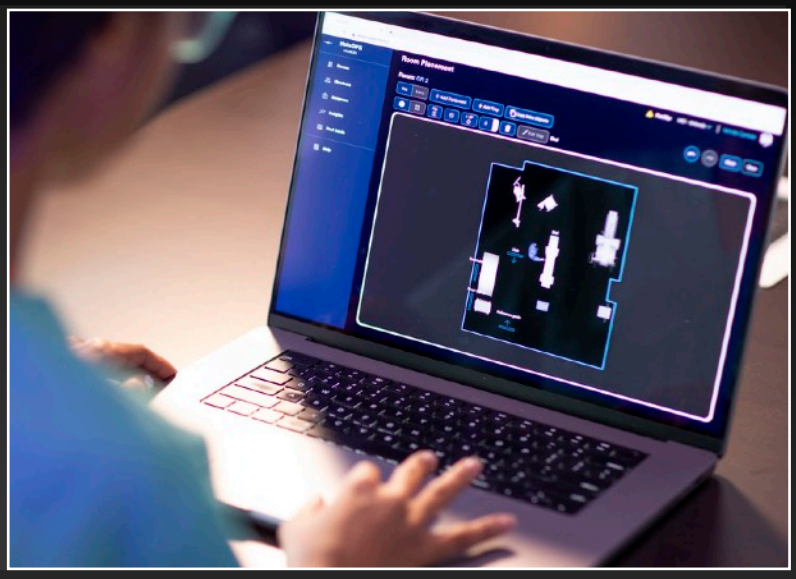
With AI Optimization, Room Orientation, Tool Setup, & Live Status - the application delivers everything the team needs to accurately and efficiently prepare and set up the procedure.



ViewerX

AI OPTIMIZATION

The Platform offers AI Optimization for the Surgical Guide, allowing the users to learn exactly what is needed for the procedure. After each completed case, the System learns and grows by identifying efficiency gaps and metrics.



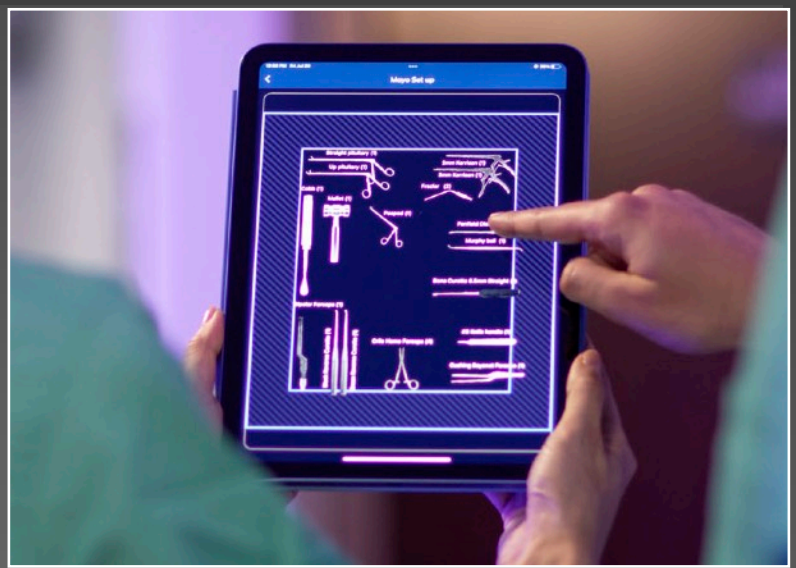
ROOM ORIENTATION

The Application allows the Technician to easily visualize the room setup and orientation, allowing them to set up the operating room with the proper placement for all room equipment, trays, and tables.



TOOL SETUP

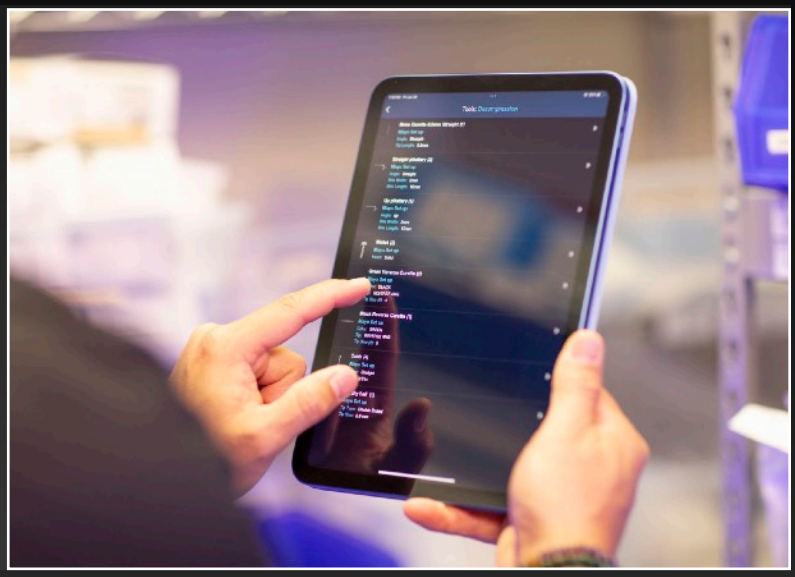
The Technician is able to to see the inventory of tools and supplies including their layout. They are easily able to set up the surface of these ensuring accurate placement and orientation.



ViewerX

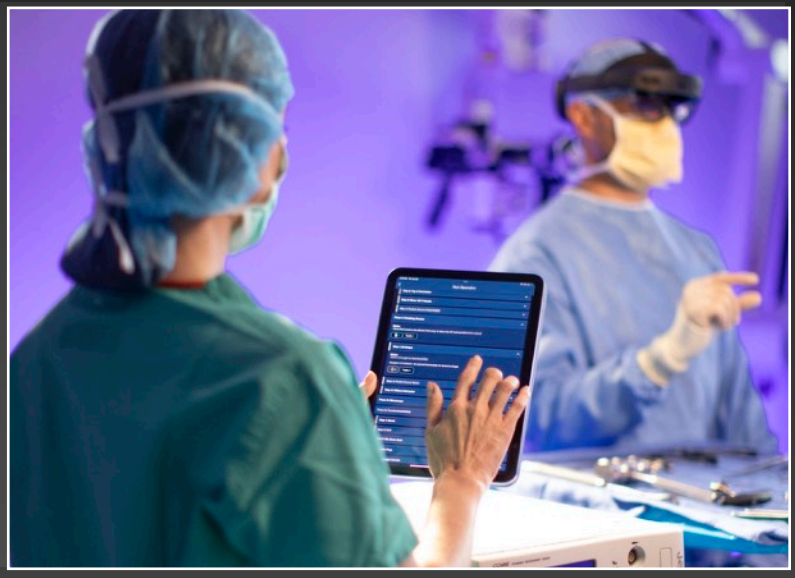
SURGICAL GUIDE

The Platform delivers a Surgical Guide for both Pre-operative and Intra-operative stages. In addition to the AI Optimized steps, the Guide offers industry partners the ability to load their own images or video content.



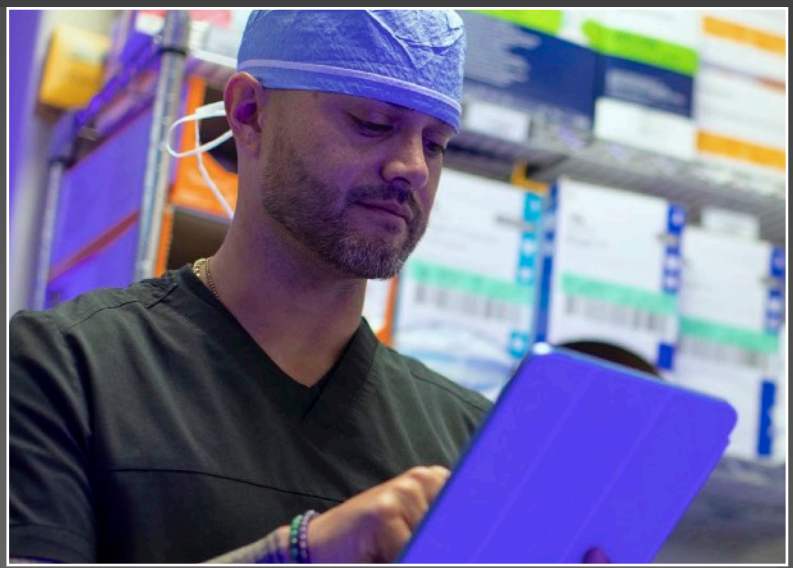
LIVE STATUS

The Application offers the user the ability to see the Live Status of the Experience X user, in any of the OR's where it is being used. The user can see exactly what step they are on, what tools are being used, and see the Consumables information.



TABLET ACCESS

The ability to coordinate and see updates in real time with a tablet offers the facility staff tremendous flexibility when setting up the surgical procedure or for following along with Live Status.



ExperienceX

Optimization INSIDE the Sterile Field

Experience X is a Mixed Reality application - allowing the Scrub Technicians a touch-free heads up display, offering interactive capabilities from within the sterile field of the operating room.

The application offers AI Optimization, Room Orientation, Tool Setup, Consumable Tracking, both Pre-operative and Intra-operative Surgical Guides, and Remote Guidance for accurately and efficiently setting up and completing the procedure.



ExperienceX

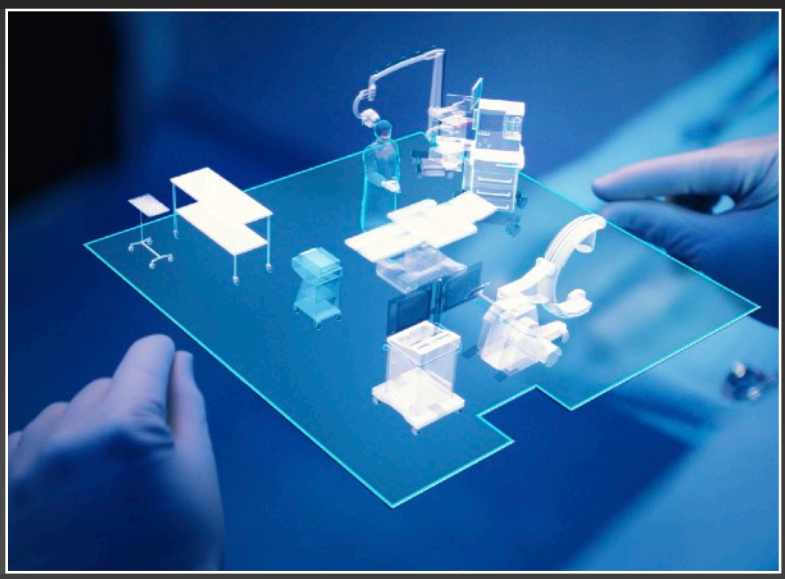
AI + MIXED REALITY

The Platform brings AI Optimization and delivers it to the sterile field via Mixed Reality. It provides a touch-free environment, delivering only the necessary steps and information that the technician desires.



ROOM ORIENTATION

The Application allows the Technician to easily visualize the room setup and orientation, allowing them to set up the operating room with the proper placement for all room equipment, trays, and tables.



TOOL SETUP

The Technician is able to to see the inventory of tools and supplies including their layout. They are easily able to set up the surface of these ensuring accurate placement and orientation.



ExperienceX

SURGICAL GUIDE

The Platform delivers a Surgical Guide for both Pre-operative and Intra-operative stages. In addition to the AI Optimized steps, the Guide offers industry partners the ability to load their own images or video content.



CONSUMABLES TRACKING

The Technician is able to track the the Consumables as they go in or out of the patient. They can track these in real time and this data is logged in the Insights tab at the completion of the procedure.



REMOTE GUIDANCE

The Platform offers the ability for a third party to video conference directly with the Technician, allowing the caller to see the Mixed Reality point of view that the Technician sees, along with all of the holographic data.

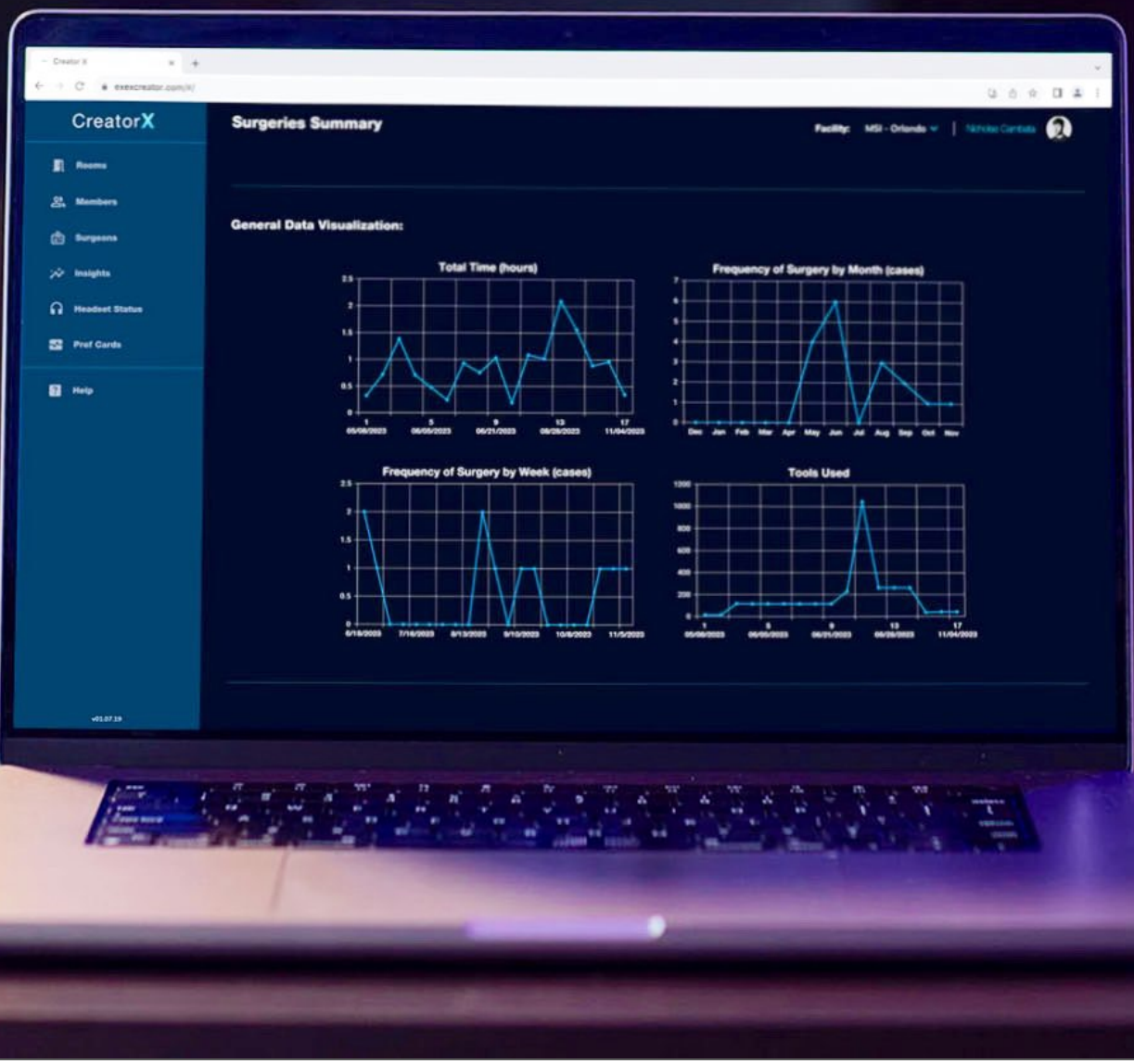


Data & Insights

As each procedure is completed, the system learns and grows. With **Experience X**, the system tracks surgical steps, tool usage, consumable counts, and time. Each procedure is broken down by surgeon, procedural variants, and the operating room within the facility.

Within the platform portal, facilities can utilize the data to see advanced analytics on everything from procedural efficiency and consumables waste to overall accuracy metrics and team performance.

This data is then fed back into the system to produce optimization for future procedures, and to provide the facility with a way to streamline costs.



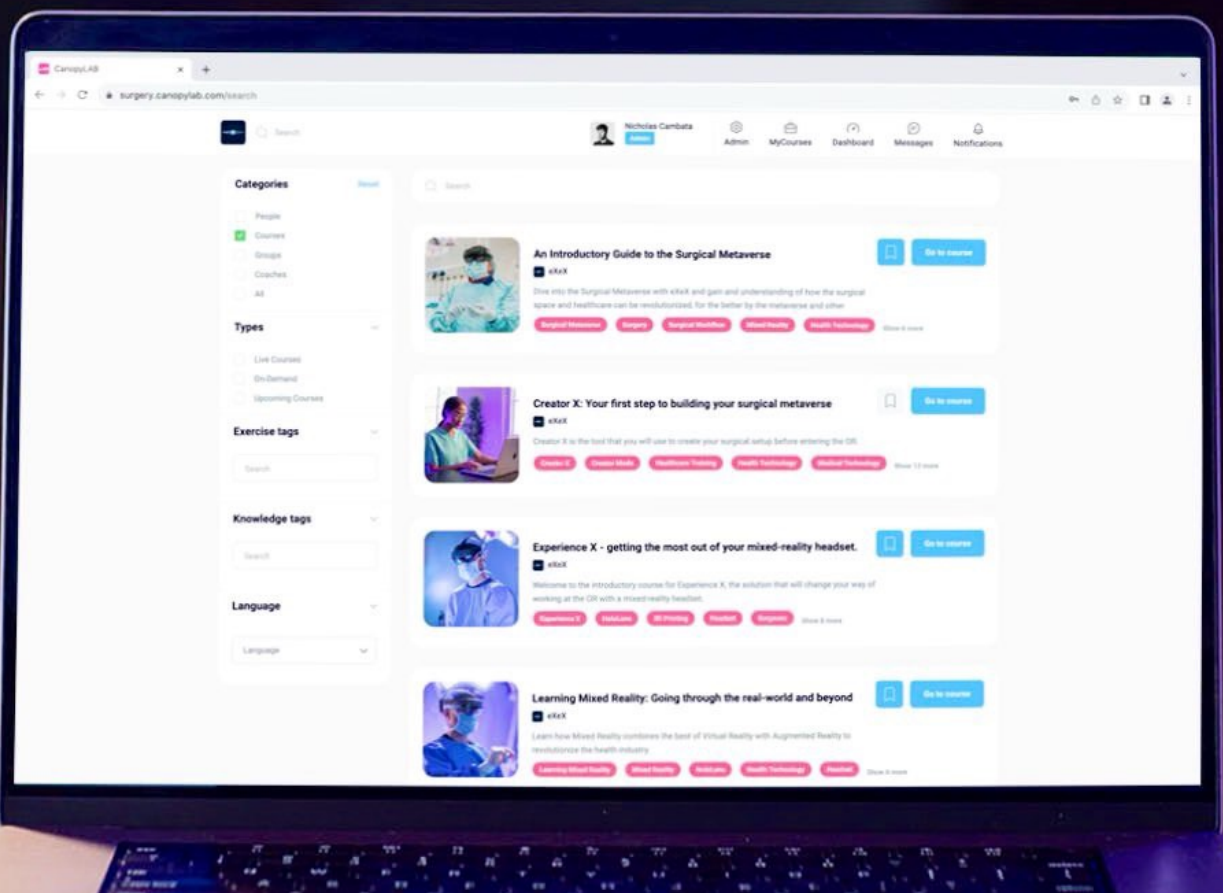
Surgery LAB

Training & Education

To onboard and train Scrub Technicians and Nurses, we have created **Surgery LAB**.

Surgery LAB is a self contained website that allows users to create a profile, share and connect with others, and take courses on eXeX products. Additionally it allows for facilities to provide additional information and courses on specific surgical procedures or tasks.

Surgery LAB is included for both **Viewer X** and **Experience X**.



Two Levels of Surgical Optimization to match your facility needs

	ViewerX	ExperienceX
A.I. Optimization	✓	✓
Digital Preference Card Builder	✓	✓
Surgery LAB Access	✓	✓
Pre-operative Tool Setup	✓	✓
Pre-operative Room Orientation	✓	✓
Pre-operative Surgical Guide	✓	✓
Touch-Free Mixed Reality		✓
Consumables Tracking		✓
Intra-operative Surgical Guide		✓
Remote Guidance		✓
Intra-operative Data & Insights		✓

exex

FOR **HOSPITALS**

The Platform easily integrates with surgical teams at the facility, and instantly provides benefits such as efficiency and waste reduction. For the facility, the Platform opens up a surgical ecosystem that instantly improves the teams using it.





FOR **SURGEONS**

The Platform makes it an effortless experience for the surgeon, ensuring the room is set up accurately and efficiently in advance, as well as increasing non-verbal communication and performance between the team during the procedure.

eXeX

FOR **SCRUB TECHS**

The Platform gives instant data and information to the scrub technician, both holographically and touch-free, to not only set up the room, but also for completing the procedure more accurately and efficiently.





FOR **NURSES**

The Platform allows for circulating nurses and OR managers to follow along with the progress of the procedure, showing the current step, inventory, and a live consumables count.


exex
1-407-349-3519
www.exex.ai
sales@expandedexistence.com