



## Performing more ultrasounds safely through augmented reality

Patent Approved (U.S. Patent # 10,636,323)  
Further Patents Pending

**WHAT IS VULCAN™? VULCAN™ is a suite of human-machine interface systems that are capable of facilitating real time training, diagnostics, remote monitoring & analysis, and data acquisition & retention through augmented reality.**

### INTRODUCING VULCAN LIVE-DISPLAY™

#### POWERFUL DISPLAY UNIT

VULCAN LIVE-DISPLAY™ allows a sonographer to view the ultrasound image produced by the underlying ultrasound device through a mixed reality device allowing the user to simultaneously see the patient while performing the ultrasound procedure.

#### REMOTE SUPERVISION

VULCAN LIVE-DISPLAY™ features telemedicine solutions where a physician can supervise and analyze, in real time, the results of the ultrasound from his/her computer screen while watching the user perform the ultrasound procedure.

#### RECORD AND REVIEW

VULCAN LIVE-DISPLAY™ enables sonographers to record ultrasound images as video, enabling the physician to go back and review if necessary.

### INTRODUCING VULCAN-TRAINING™

#### PROCEDURAL GUIDANCE

Empowering ultrasound trainees with VULCAN-TRAINING™ can accelerate their training as it provides procedural guidance through augmented reality for any specific ultrasound procedure.

#### ARTIFICIAL INTELLIGENCE

The VULCAN-TRAINING™ Artificial Intelligence feature actively monitors and provides 3D overlay guidance to remove guesswork and ensures proper training, allowing more ultrasound users to be certified to meet the growing demand.

#### ACCURATE

Practice doesn't always make perfect, but the correct practice will increase your trainees' competency with training programs expertly designed for your equipment.

*VULCAN™ is FDA registered as Class I, 510(k) exempt device  
(Registration # 3016544222)*