

[Home](#) > [LensAR femtosecond cataract surgery laser to integrate TrueVision computer guidance technology](#)

## LensAR femtosecond cataract surgery laser to integrate TrueVision computer guidance technology

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LensAR (Orlando, FL) and TrueVision 3D Surgical (Santa Barbara, CA) have entered into a global co-development and distribution agreement that integrates TrueVision's TrueGuide system into the LensAR Laser System's advanced technology suite.

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The LensAR Laser System is a femtosecond cataract surgery laser that provides imaging, measurement, and Augmented Reality 3D modeling capabilities. Cataract surgeons have reported that it has enabled them to treat the most difficult cataract cases and helped to reduce the total phaco time and energy that is typically required. The system will soon integrate TrueVision's TrueGuide overlay and nomogram, says Nick Curtis, LensAR CEO.

LensAR's Augmented Reality imaging technology rotates around the eye and takes scanning images at multiple angles to locate and identify the relevant ocular surfaces, measuring them and capturing exact biometric data. This information is then used to create a 3D model of the anterior anatomy to help guide customized treatment and precise laser placement of each laser pulse, enabling surgeons to plan and perform an individualized procedure on each patient.

The LensAR Laser System with TrueGuide is being shown at the American Society of Cataract and Refractive Surgery (ASCRS) Annual Symposium and Congress in Boston, MA, from April 24-29, 2014.