



Vuforia Expert Capture for Education

Vuforia Expert Capture Academic is an innovative offering that brings the industry-utilized augmented reality (AR) knowledge transfer tool to the classroom. It allows students and educators to quickly and easily develop and deploy step-by-step AR instructions to prepare for roles in industry.



Industrial Tools for Education

Industrial manufacturers are expected to face millions of unfilled jobs in the next decade. Their ability to leverage existing resources and improve productivity has never been more important. Vuforia Expert Capture is an easy, out-of-the-box solution for knowledge transfer. In industry, it empowers frontline workers with augmented expert guidance so they can get the job done quickly, accurately, and safely - the first time and every time. It has been proven to increase worker productivity, reduce costs of waste and scrap, and improve safety and compliance.

In education, Vuforia Expert Capture Academic can be used to teach AR basics, provide an extra tactile experience for students to learn STEM concepts, and prepare students for their future roles in Industry 4.0.

FEATURES AT A GLANCE:

Faster Classroom AR Creation

Quickly create and share expert guidance without the need for pre-existing assets, CAD data, or development efforts.

Spatial Location Awareness

Improve accuracy, safety, and efficiency with the HoloLens by connecting each step of a procedure to specific locations and objects as required for task completion.

Edit, Enhance, & Deliver

Drag-and-drop individual captured steps and additional content in the purpose-built procedure editor and keep it up-to-date dynamically for multiple formats.

Learn More:

[Vuforia Expert Capture](https://www.ptc.com/academic-program)

The Power of Augmented Reality Made Easy

By using the Vuforia Capture app on an assisted reality or mixed reality headset, students can capture first-person, step-by-step video and images of procedures as they perform them. The entire capture process is controlled by voice commands, gestures, and can include location-based steps. Once a procedure has been captured, it is revised and enhanced before publishing using a drag-and-drop, cloud-based application with automatically built templates. When a student is ready to use the captured procedure, they can access them through the universal Vuforia View applications in 3D or 2D.

The content is easily recorded without the need for existing assets and used to create step-by-step instructions highlighting safety precautions and relevant locations. It is easily fine tuned, published, and managed through a secure SaaS based environment and automatically optimized for viewing on Microsoft HoloLens, RealWare HMT-1 and mobile devices.



Where and How You Need It

Vuforia Expert Capture Academic is accessible to students and educators on a wide range of devices. The Vuforia Capture application can be used on HoloLens and RealWear to record the procedures, allowing hands-free recording of the instructions. Finalized procedures can be viewed via Vuforia View on HoloLens, RealWear, smartphones, tablets, and desktop or laptop computers. And for help with consistent and complete documentation, procedures recorded on Vuforia Capture can be exported to Microsoft® Word documents.

What's Included?

We offer Vuforia Expert Capture Academic to the education space at a 93% discount from our commercial offering, while maintaining all the same great features:

- Procedure editor
- Vuforia Capture app
- Vuforia View app
- Up to 50 registered users
- SaaS editing environment
- Gold Plus Support



vuforia® expert capture™

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