



vuforia® expert capture™

TRANSFORMATIONAL WORKFORCE PRODUCTIVITY

Vuforia Expert Capture is an end-to-end augmented reality solution. It empowers frontline workers to deliver increased business value by always having the relevant procedural guidance to get the job done quickly, accurately, and safely – the first time and every time.

Reach New Levels of Efficiency

Ten million jobs with manufacturing organizations cannot be filled due to a growing skills gap. Pair that with a retiring workforce and strict compliance and safety requirements, and there becomes a need for transformation. Vuforia Expert Capture addresses these challenges by delivering the tribal knowledge of your experts to the rest of your workforce. Easy access to standardized, first-person view instructions greatly improves workforce productivity and reduces waste, re-work and downtime all while achieving high levels of safety and compliance.

The Power of Augmented Reality Made Easy

By using the Vuforia Capture app on an AR/MR headset, experts can capture first-person, step-by-step video of procedures as they perform them. The entire capture process is controlled by voice commands, gestures, and includes location-based steps. Once a procedure has been captured, it can be revised and enhanced before publishing. When an employee is ready to use the captured work instructions, they can access them through the universal Vuforia View application in 3D or 2D.

WHY VUFORIA EXPERT CAPTURE?

Faster Time-to-Value for AR

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

Easier Expert Content Creation

Subject matter experts can record step-by-step instructions hands-free, while they work, making sure high-value expertise doesn't disappear upon retirement or job transitions.

Spatial Location Awareness

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

Edit, Enhance, & Deliver

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

Learn more at

www.ptc.com/augmented-reality

- ✓ Increase time to productivity
- ✓ Lower training costs
- ✓ Reduce scrap & unscheduled downtime
- ✓ Minimize injuries & safety related penalties
- ✓ Improve first-time-fix-rates & SLA compliance

Easy As 1, 2, 3:

Capture Expertise



Enhance Expertise



Transfer Expertise



Where and How You Need It

Vuforia Expert Capture gives workers and new hires access to in-context expert knowledge on a wide range of devices. The **Vuforia Capture** application can be used on HoloLens and RealWear to record the procedures, allowing the expert to be hands-free as they walk through their instructions. Finalized procedures can be consumed via **Vuforia View** on HoloLens, RealWear, and leading phones and tablets. For help with consistent and complete compliance documentation, procedures recorded on Vuforia Capture can be exported to Microsoft® Word documents.



End-to-End Solution

Faster content creation – no pre-existing assets, CAD data or advanced preparation needed

Easier editing & publishing – Experience Templates automate and simplify the creation of AR experiences

Power of hands-free – content is dynamically formatted and delivered to hands-free devices – leveraging location-awareness on HoloLens



See [Vuforia Expert Capture in action](#)

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