



# vuforia® expert capture™

## SCALE EXPERT KNOWLEDGE TO YOUR FRONTLINE WORKERS

With a retiring demographic exiting the workforce, the need to harness and scale tacit domain knowledge is vital for industrial manufacturers to remain competitive and productive. Leveraging the years of expertise from your most seasoned experts is an important strategy to implement to make sure that your employees and manufacturing operations run as efficiently as possible.

### Easily Create and Share Knowledge Across The Enterprise

Vuforia Expert Capture is the easiest way to capture knowledge from subject matter experts to help build and share knowledge-based AR work instructions across the organization.

With innovative capture capabilities combined with simplified authoring – manufacturers can build easy to consume AR-guided procedures that help frontline workers perform their jobs more productively, accurately, and safely. Through better instructions and guidance, dividends can be seen in a variety of ways across the business to better support manufacturing, service and training operations.



“Vuforia Expert Capture helps KEMET improve our training and enhance the learning of our employees. We’re focused on capturing the technical training now to prepare them and us for the future.”

— Debra Lovelace, Director, Training and Development, KEMET

## WHY VUFORIA EXPERT CAPTURE?

**Capture and Retain Knowledge:** Easily capture domain expertise and provide it to frontline workers on-demand and in-context as they perform new or unfamiliar tasks.

**Increase Workforce Productivity:** Improve frontline worker efficiency by making the best practices of your experts the standard practice for all employees.

**Improve Employee Training:** Bring new hires and current employees up to speed faster with in-context guidance to help reduce the time and cost of training and to improve workforce safety and agility.

**Foster Continuous Improvement:** Critical data and insights can be gathered at the frontline and then analyzed to identify patterns and opportunities for process improvement and facilitating corrective action.

## Accelerate the time to build work instructions and training content for a variety of use cases

Vuforia Expert Capture enables industrial manufacturers to address vital use cases across the enterprise:

- **Set Up and Changeover** to ensure faster and more accurate line ramp-up & changeover time.
- **Machine Operation** to provide employees with standard procedures to ensure safety & compliance.
- **Maintenance** instructions for machines on the factory floor where the manufacturer doesn't have relevant CAD data for the machines.
- **Assembly** to help improve the speed and accuracy of new or seasonal employees.
- **Field Service** to provide OEM service technicians with step-by-step AR-guided instructions on how to service/maintain/repair equipment at a customer site.

## HOW IT WORKS

## vuforia® expert capture™



## A Powerful AR Solution – Accessible Anytime, Anywhere

Vuforia Expert Capture is comprised of 4 main components:

- **Vuforia Capture App** a digital eyewear application for HoloLens and RealWear that allows experts to capture step-by-step procedures, hands-free using voice commands, while they carry out their work.
- **Vuforia Editor** is a secure, web-based authoring environment featuring predefined UI elements with enterprise ready access and version control.
- **Vuforia Vantage App** optimizes the delivery of clear, in-context instructions to front-line teams and enables real-time data capture accelerating the execution of relevant work assignments. (*Currently available for web and iOS and Android devices*)
- **Vuforia Insights** is a secure, built-in reporting and analytics portal which provides access to execution data submitted by the frontline for traceability, audit, and compliance purposes.

## Better together: Vuforia Expert Capture and Vuforia Instruct

As part of Vuforia's SaaS-based work instruction solutions, [Vuforia Expert Capture](#) is a companion offering for [Vuforia Instruct](#). These two powerful offerings can be combined to work seamlessly together - addressing a wider range of Enterprise use cases.