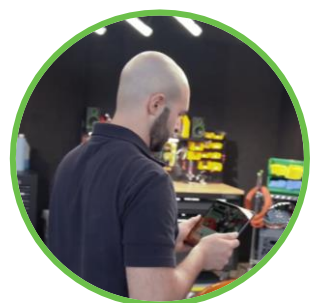# vuforia® instruct™

OPTIMIZE INSPECTIONS WITH CAD-BASED WORK INSTRUCTIONS

Make your visual inspections a lot more visual, a lot more intuitive, and a lot more accurate. Vuforia Instruct is an out-of-the-box solution for fast and easy creation, execution and analysis of CAD-based work instructions. AR-enabled instructions empower front-line workers, improves quality, and drives continuous improvement.

Efficient, Accurate, Traceable Inspections

Leveraging 3D CAD, authors can create easy-to-understand procedures, direct attention to critical points of interest, present comparative perspectives, and digitally ensure the quality and completeness of work. The contextualized, 3D work instructions created with Vuforia Instruct provide better information and visual guidance on-demand, to help front-line employees successful complete high value inspections during training and/or operation.

Procedure execution data can also be captured and tracked with Instruct to improve front-line communication and provide key stakeholders with critical insights for issue identification, corrective action, and compliance support.

" We see tremendous opportunity to use 3D work instructions to address critical inspection steps within our maintenance, repair, and sanitation processes on our packaging equipment."

— *Alexander Ouellet, Innovation Engineer, Harpak-ULMA Packaging*

WHY VUFORIA INSTRUCT ?

Improve Quality and Reduce Costs:
AR-powered inspection procedures digitally ensure the quality and completeness of work to reduce costs associated with poor quality such as: scrap, rework, defects, recalls, and warranty claims.

Eliminate Reliance on Paper
Highly visual work instructions that are clearly presented in AR to front-line employees reduce the errors associated with traditional training and instruction methods.

Boost Accuracy & Efficiency:
Empower front-line workers to quickly and accurately compare "as-is" verses" as-planned", identify differences or deviations and document relevant insights for traceability.

Foster Continuous Improvement:
Stakeholders can easily analyze the critical data and insights gathered at the front-line to identify patterns and opportunities for process improvement and facilitating corrective action.
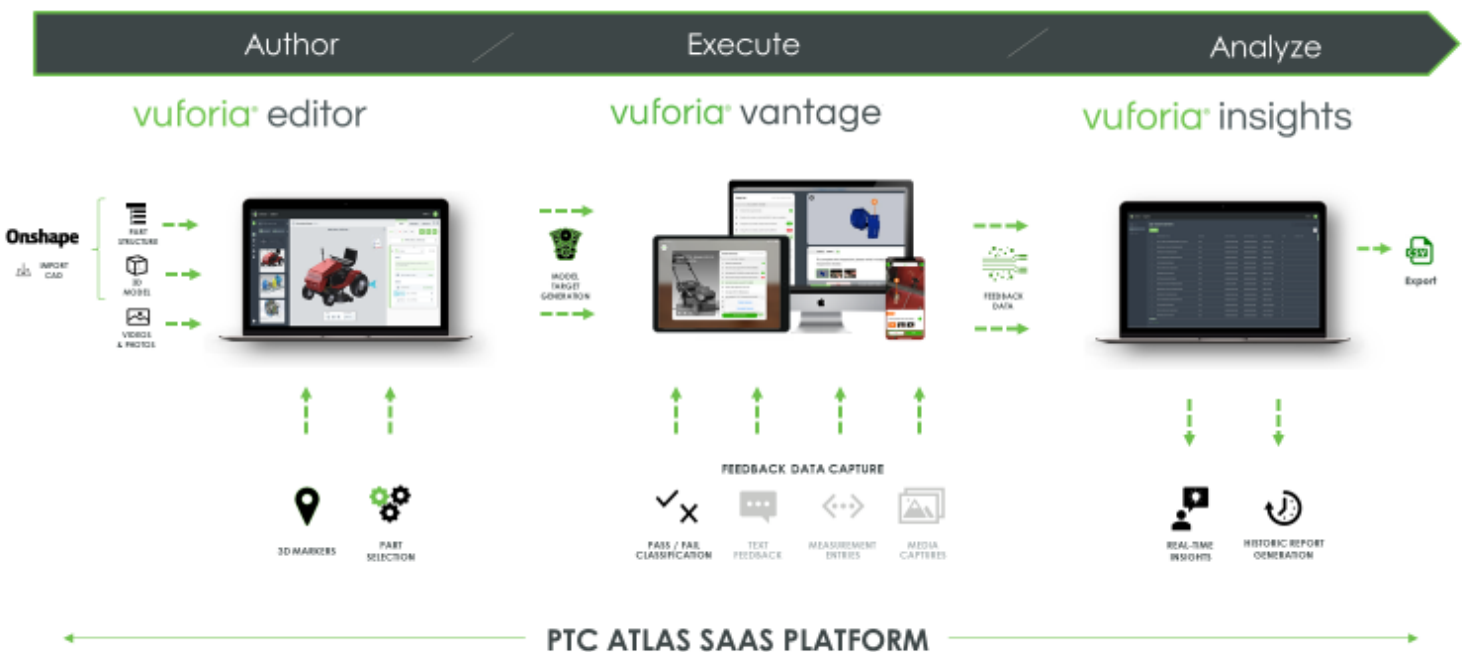
Optimized Inspections for Quality and Field Maintenance Use Cases

Vuforia Instruct enables industrial enterprises to easily create digital/augmented 3D guided tasks, checklists, and data capture to addresses two highly value areas of inspection:

- **Quality Inspection** use cases which occur during manufacturing, prior to the shipment of the product
- **Field Service Maintenance Inspection** use cases that are performed by field service technicians on equipment or machines that are in the field (may also be end customer techs).

HOW IT WORKS

A Powerful AR Solution – Accessible Anytime, Anywhere

Vuforia Instruct is comprised of 3 main components:

- **Vuforia Editor** is a secure, web-based authoring environment featuring predefined UI elements, which significantly reduce many of the steps normally required for AR content creation.
- **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 Instruct and Vuforia Expert Capture

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