

Smart manufacturing applications

Artificial intelligence (AI) is a branch of computer science focused on creating intelligent machines capable of performing tasks that typically require human intelligence. It involves developing algorithms and systems that can learn, reason, and make decisions based on data.

AI aims to simulate human-like intelligence and problem-solving abilities in machines. This includes tasks such as understanding natural language, recognizing patterns, making predictions, and even exhibiting creativity.

Festo's smart manufacturing educational applications combine cutting-edge software and hardware to provide next-generation Industry 4.0 solutions. Using PTC software integrated with Festo training systems, educators and advanced students can monitor, analyze, optimize, and automate workflows with real-time data. Tools like PTC ThingWorx, Kepware, and Vuforia Studio enable interactive and practical learning experiences in Industrial IoT environments.



What is included in the solution?

Vuforia Expert Capture: A cloud-native SaaS application for authoring and distributing experiences.

Vuforia Vantage: A mobile app to execute augmented reality experiences.

ThingWorx Industrial IoT Platform: For real-time analysis, bottleneck identification, root-cause determination, and performance improvement.

Kepware: A platform for industrial hardware connectivity.

Vuforia Studio: Create immersive 3D augmented reality experiences without programming expertise.

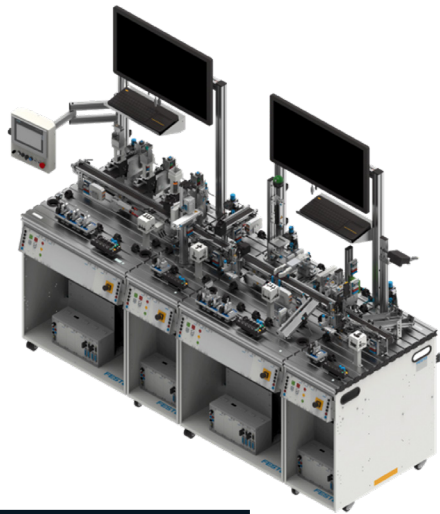
Creo Illustrate: Develop 3D technical illustrations, 2D drawings, and animated sequences.

Vuforia Expert Capture



Vuforia Studio





SIEMENS

RA Rockwell Automation



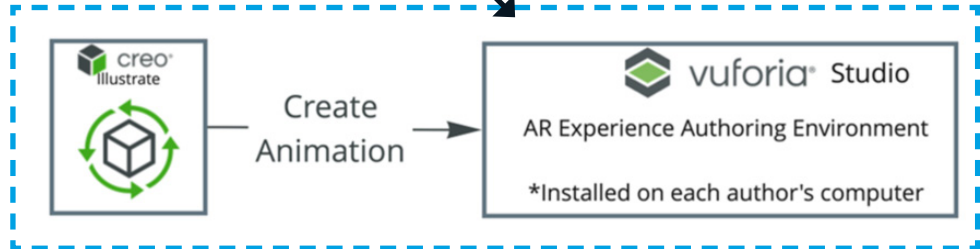
Mobile Software

vuforia® View

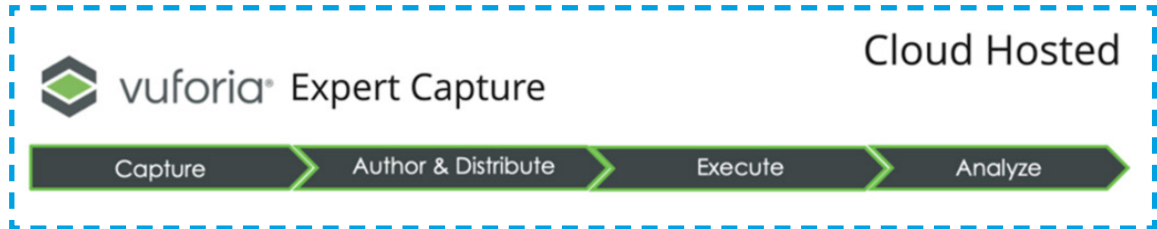
AR Experience Viewer

*Installed on each viewer's mobile device

CAD Model



CAD Model



Business model highlights

The PTC– Festo solution provides access for 24 months to

- 10 teacher licenses with authoring capabilities
- 100 student licenses (lite version)

Software solution deliverables

Description	# of licenses	Price
PTC Festo Vuforia Expert	10 teacher licenses	Call for price

On site services

Description	# of days	Price
On site service *	1	Call for price

* On-site service is recommended to ensure optimal results and user experience.

Ready to learn more?

Please contact Festo Didactic or an authorized dealer to confirm product availability, pricing, and technical specifications.

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