Augmented Reality Learning Solutions
Festo Didactic US

FESTO

BYU

BRIGHAM YOUNG

UNIVERSITY

ptc

Smart manufacturing applications

Artificial intelligence (AI) is a branch of computer science that focuses 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.

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

Smart manufacturing educational applications and solutions with enriched Software and an array of other hardware and software in partnership and support of industry to produce next-generation Industry 4.0 technological solution using PTC software on the FESTO Training solutions Leveraging Industrial IoT with interactive software tools (PTC ThingWorx, Kepware, Vuforia Studio), educators and advanced students can monitor, analyze, optimize and automate the flow of material through the FESTO training solutions lab using live, real-time data.

Vuforia Expert Capture

What is included in the solution?

Vuforia Expert Capture is a cloud-native SaaS application Authoring and distribution is managed via cloud applications.

Viewers execute experiences with the Vuforia Vantage mobile app

The "Advanced: Data-Rich" family of solutions that were created at BYU leverage a set of PTC software that can be installed on-premises. The software includes:

ThingWorx Industrial IoT Solutions Platform

Optionally with the Digital Performance Management (DPM) layer.

Enables real-time, closed-loop analysis on bottlenecks, root causes, and performance improvements.

Kepware
Industrial hardware connectivity platform

Vuforia Studio
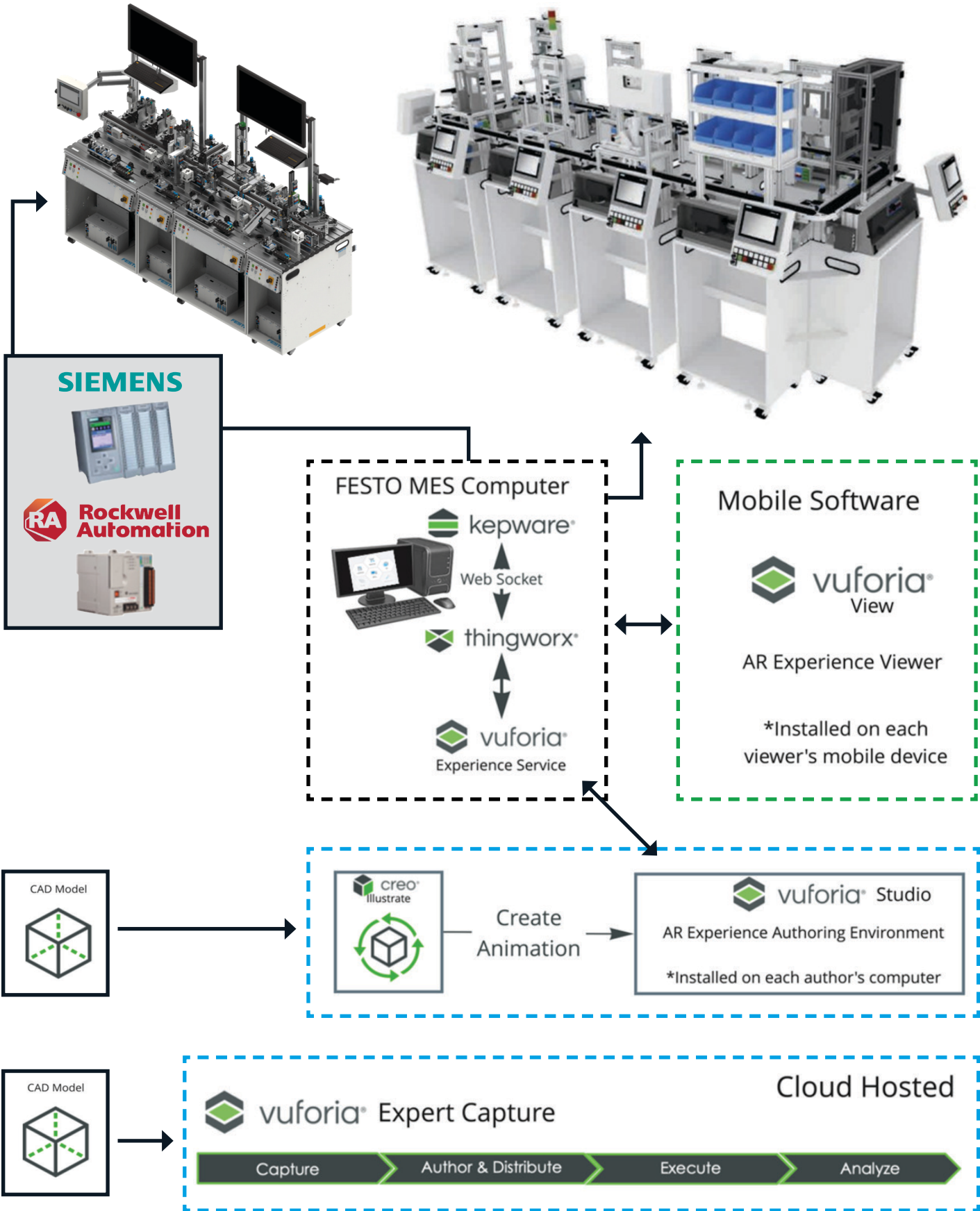Build immersive, 3D augmented reality experiences without programming expertise

Creo Illustrate
Create 3D technical illustrations, 2D drawings, and animated sequences

Vuforia Studio

SIEMENS

Rockwell Automation

FESTO MES Computer

kepware

Web Socket

thingworx

vuforia
Experience Service

Mobile Software

vuforia
View

AR Experience Viewer

*Installed on each
viewer's mobile device

CAD Model

creo
Illustrate

Create
Animation

vuforia Studio

AR Experience Authoring Environment

*Installed on each author's computer

CAD Model

vuforia Expert Capture

Cloud Hosted

Capture | Author & Distribute | Execute | Analyze

Vuforia Expert Capture ON– Prem Solution SAAS Business Model

Business Model

The PTC– Festo solution provide you 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	$10,500.00

On site services

Description	# of days	Price
On site service *	1	$2,000.00

* The on site service is required to ensure you receive the best experience and provide optimal results.

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

Festo Didactic Inc.

12 Christopher Way
Suite 105
Eatontown, NJ 07724
Phone: (732) 938-2000
services.didactic@festo.com

www.festo.com