

## Unlocking the value of AR | Addressing the challenges

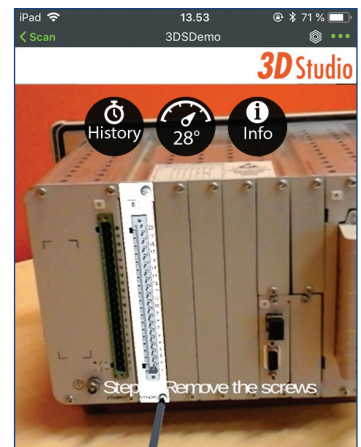
Augmented Reality (AR) offers tremendous promise to revolutionise the ways in which people can interact with machines, equipment and their environments. **finity vada** helps deliver this promise by providing a visual automation framework to unlock the value of AR in the industrial enterprise by addressing the challenges of performance, scalability and cost.

## Automation pipeline

**finity vada** removes manual, error-prone and costly tasks by means of an automated pipeline to create and update highly versatile and robust AR experiences derived from powerful templates.

## Powerful templates

**finity vada** templates define the behaviour and appearance of the AR experience. By including the necessary definitions to re-purpose data from enterprise PLM, ERP and IoT systems, companies can unleash a new level of compelling and intuitive human-machine interaction to their workforce and customers.



AR 3D instructions and IoT data

Pin No.	Symbol	Description
20	T4	Trip relay 4 for arc protection (normal open)
19	T4	Trip relay 4 for arc protection (normal open)
18	T3	Trip relay 3 for arc protection (normal open)
17	T3	Trip relay 3 for arc protection (normal open)
16	T2	Trip relay 2 for arc protection (normal open)
15	T2	Trip relay 2 for arc protection (normal open)
14	BI3	Binary input 3
13	BI3	Binary input 3
12	BI2	Binary input 2
11	BI2	Binary input 2
10	BI1	Binary input 1
9	BI1	Binary input 1
8	BO COMMON	Binary output 1 - 3 common GND
7	BO3	Binary output 3, +30 V dc
6	BO2	Binary output 2, +30 V dc
5	BO1	Binary output 1, +30 V dc
4	Sen 2 -	Arc sensor channel 2 negative terminal
3	Sen 2 +	Arc sensor channel 2 positive terminal
2	Sen 1 -	Arc sensor channel 1 negative terminal
1	Sen 1 +	Arc sensor channel 1 positive terminal

AR with IoT and ERP data

## Re-purpose enterprise 3D assets

**finity vada** moves AR adoption beyond the concept phase through the re-use and optimisation of enterprise 3D CAD assets, in numerous formats, to deliver stunning and interactive AR experiences.

## Enterprise use cases

Designed to complement the market-leading vuforia™ studio from PTC®, **finity vada** enables the scalable publishing of AR experiences for engineering, manufacturing, field service and user operations. **finity vada** helps meet the needs of usability, repeatability, performance and IP protection demanded by today's industrial enterprises.

## finity vada features & value

- Automatic publishing of AR experiences from re-usable templates
- Publish 2D and 3D AR experiences
- Multi-format optimised 3D support
- Interactive tools for system validation
- Re-use step-by-step instructions
- System usage and monitoring via Google Analytics

- Reduce time to market and time to value of AR applications
- Reduce time and cost of large-scale updates to support design or branding changes
- Enforce house-style compliance
- Reduce staffing costs, manual and error-prone tasks
- Reduce risks of Intellectual Property leakage
- Accelerate adoption of the value of AR

## Industrial domains

**finity vada** helps deliver on the promise of Augmented Reality in the following industries:

Industrial equipment	Aerospace	Automotive	High tech
Consumer products	Medical devices	Agricultural machinery	Shipbuilding