



## Visual Quality Inspection

Get quality right, faster.  
With Augmented Reality





A powerful software platform for Augmented Reality-enhanced quality control. It helps manufacturers to fulfil their quality promise faster & more efficient.

#### Save Time & Costs

In manufacturing, inaccurate parts or assemblies cause high risk for consecutive errors and higher costs.

Twyn reduces follow-up costs, scrap, rework, and downtimes significantly.

#### How it Works

Using Augmented Reality & Computer Vision, inspected parts are **automatically & markerlessly tracked** through the tablet's camera, and **accurately aligned & matched** against their CAD specifications or digital twins.

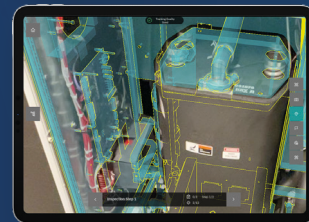
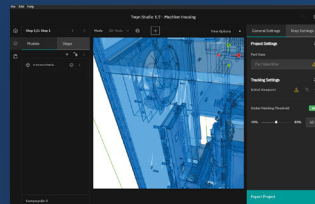
**Precise AR overlays** show deviations between target & actual - automatically highlighted by auto-detection.

**No pre-preparation** steps are required: Inspections can be carried out faster and directly on site - leading to higher inspection rates.

A **simple digital** process allows to capture and document errors more quickly, optimizing the feedback loop between production & design.

#### Twyn Studio – Desktop Application

to import 3D CAD data and define inspection steps then deployed on the mobile device.



#### Twyn View – Mobile iOS Application

to perform on-site AR inspections, mark and document differences.

## Application Areas

- Incoming / Outgoing Inspection
- First-Article Inspection
- Quality Gates in Manufacturing
- Large Part On-Site Inspection
- Tool Making
- Body-in-White Construction
- Jig & Fixture Construction
- Assembly Check



Avoid costly downtimes and rework



Inspect your parts, anywhere, anytime



Ensure precision and speed in inspection



Enhance your throughput



Document your findings for reproducibility



Keep it simple: intuitive solution