



Visual Quality Inspection

Get quality right, faster.
With Augmented Reality



getTwyn.com



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.

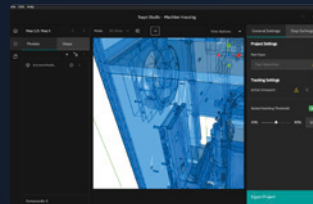
Precise AR overlays show deviations between target & actual - automatically highlighted by auto-detection.

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