



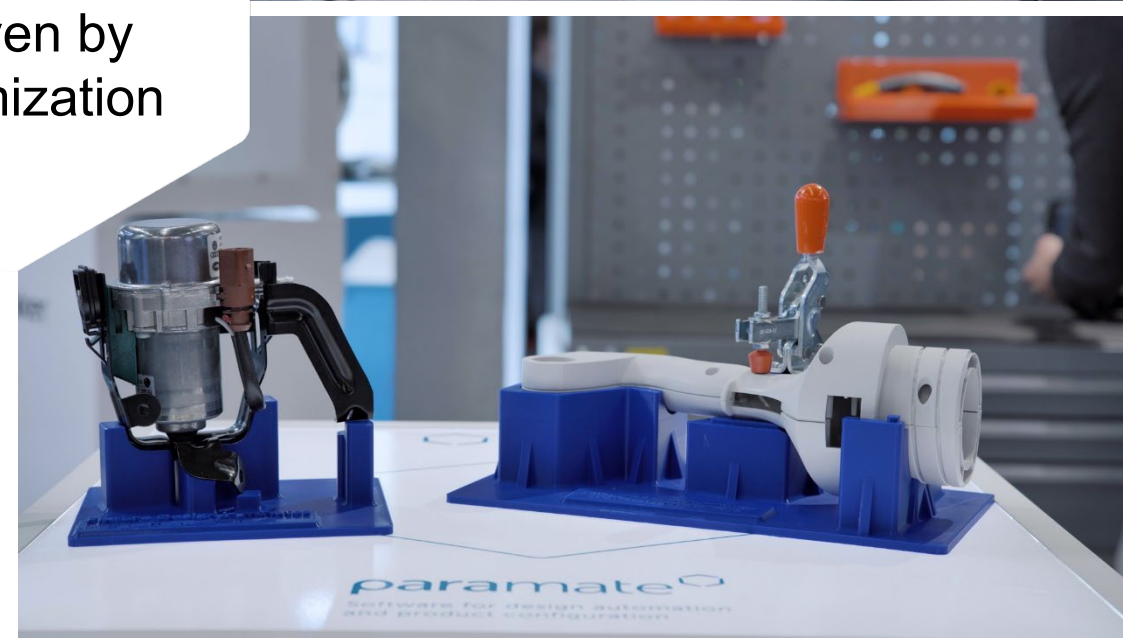
trinckle

A new era of design.

Automated design workflows and advanced product configuration.

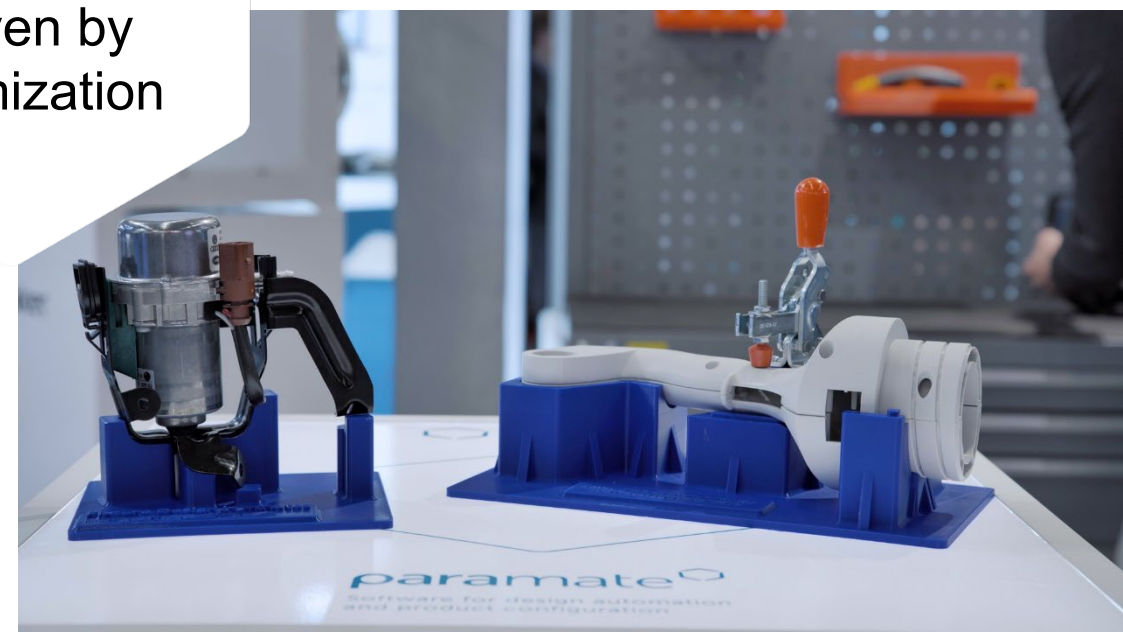


Additive
Manufacturing
- driven by
customization





Additive
Manufacturing
- driven by
customization





Jigs, Fixtures, Tooling

The low - hanging fruits for AM in every industry

58% of companies with AM experience use the technology for tooling, jigs and fixtures*

Fixture Design in minutes
powered by paramate

3D printed Fixtures

What kind of 3D printed fixtures are used in the industry?



Assembly Fixtures



Machining Fixtures



Measuring Fixtures



Tool organization



Bonding & Welding Fixtures



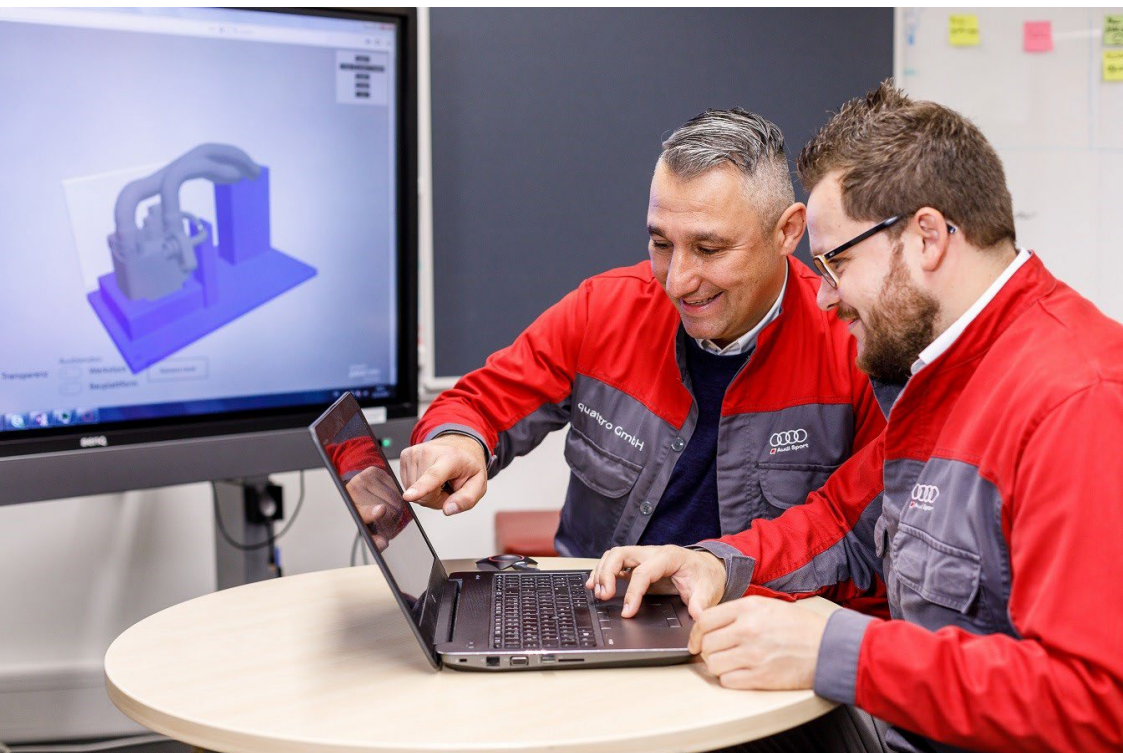
Inspection Fixtures



Carrier Trays

Client Example

Simple fixtures for manual pre - series assembly

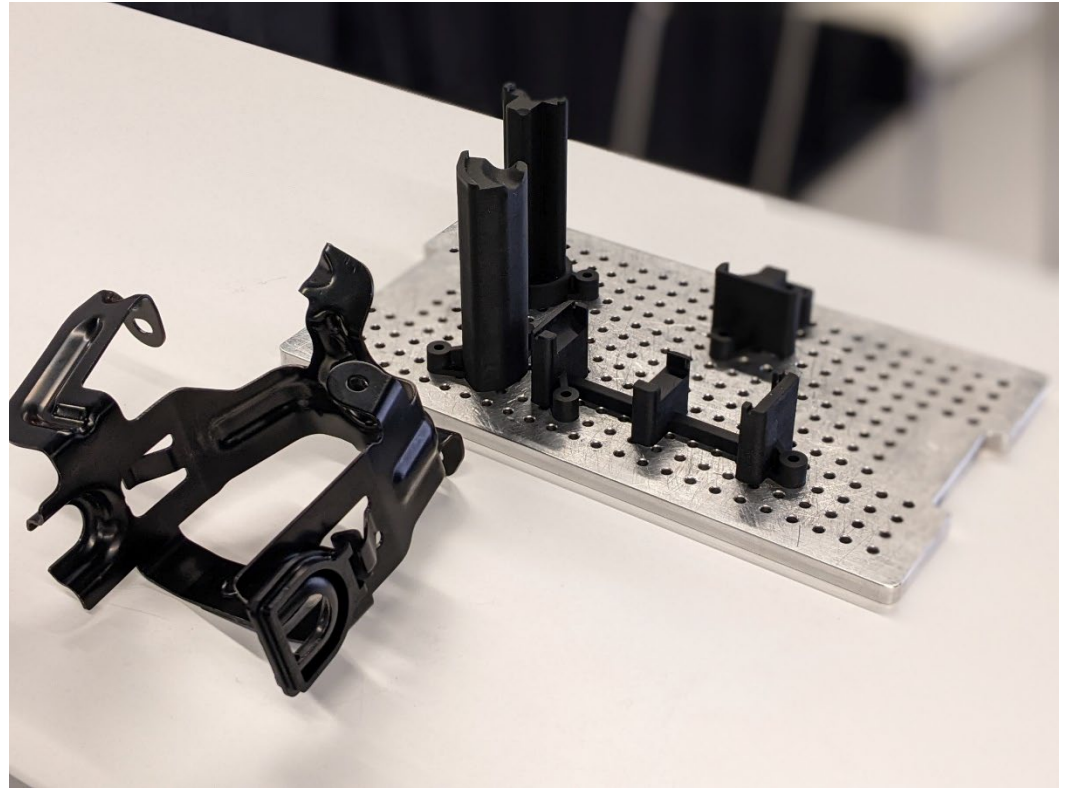
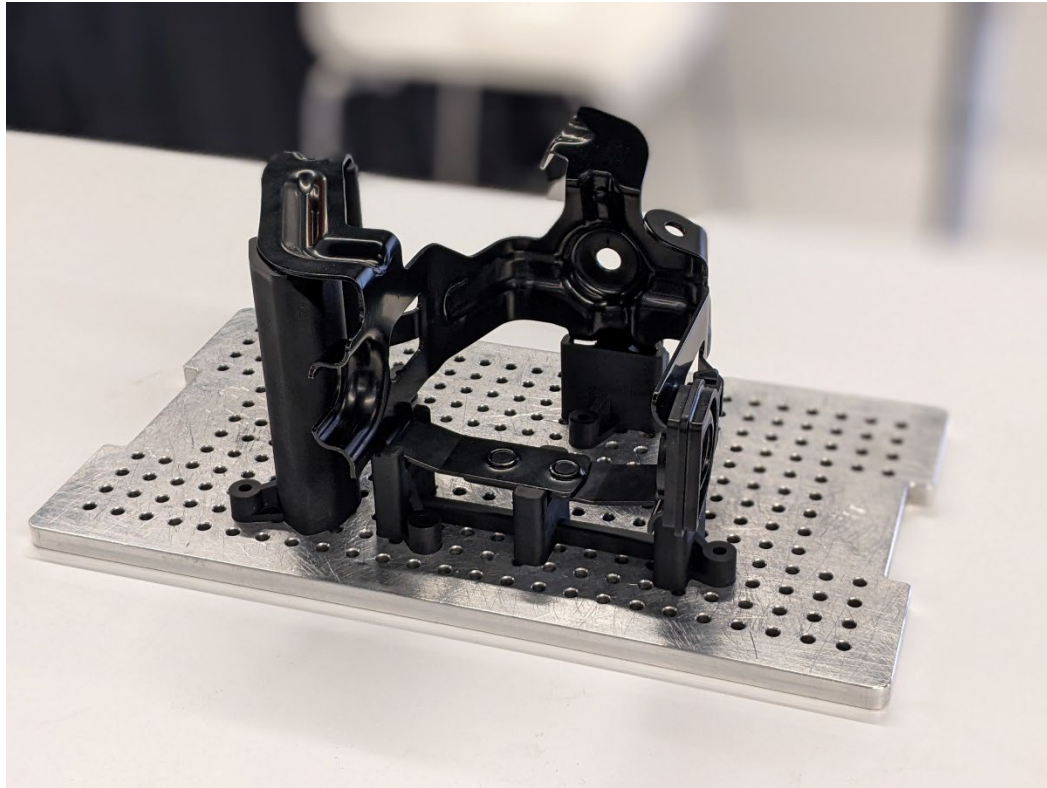


 **Audi Sport**

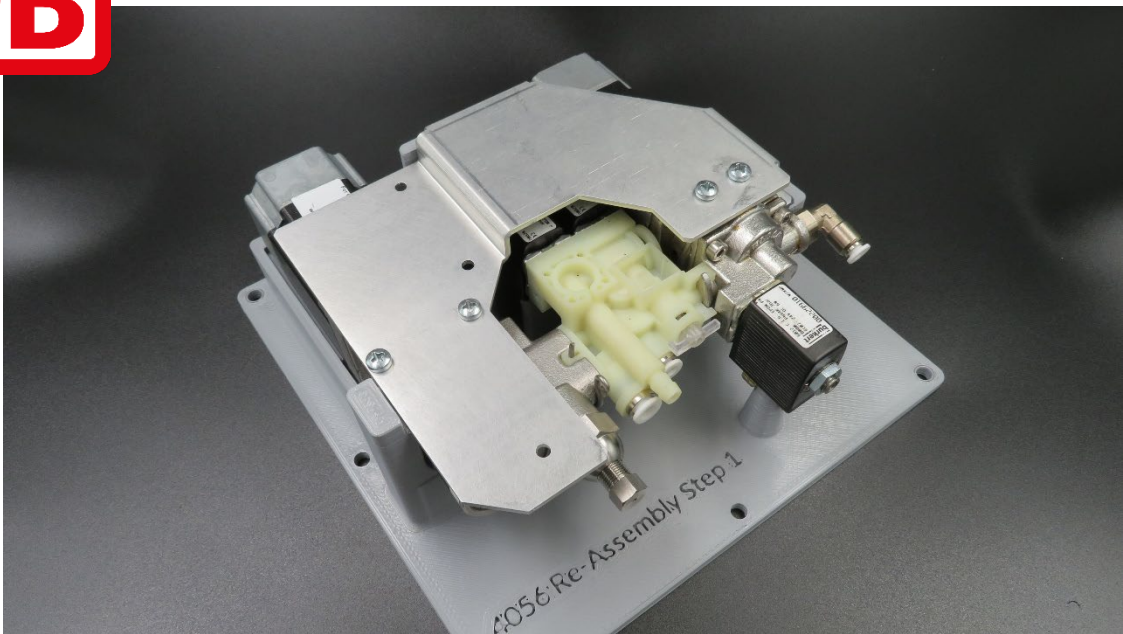
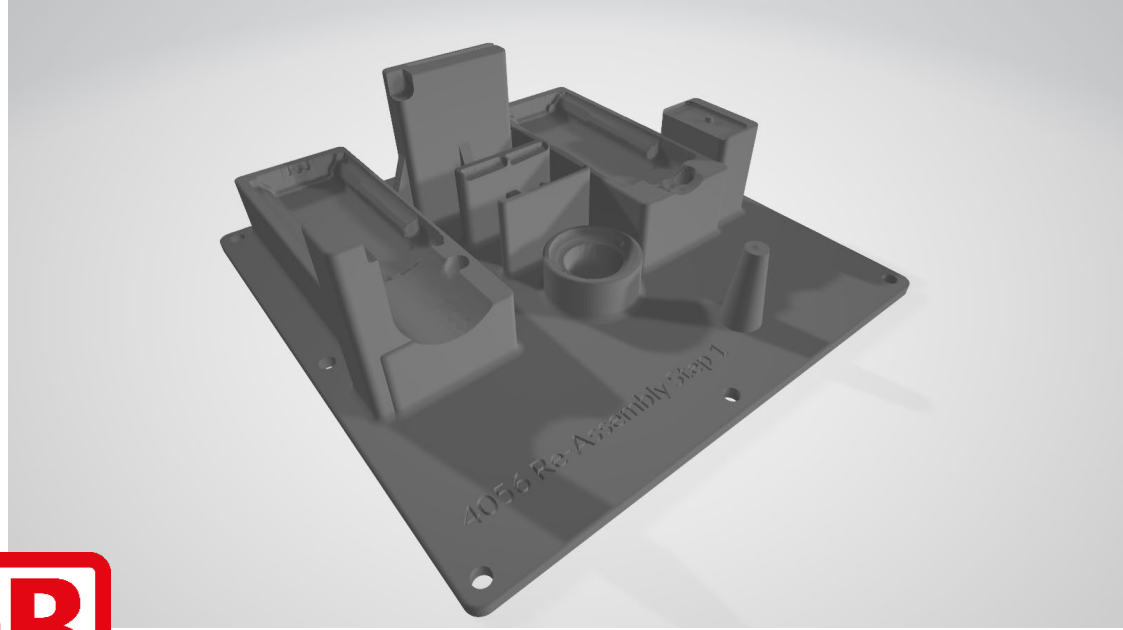
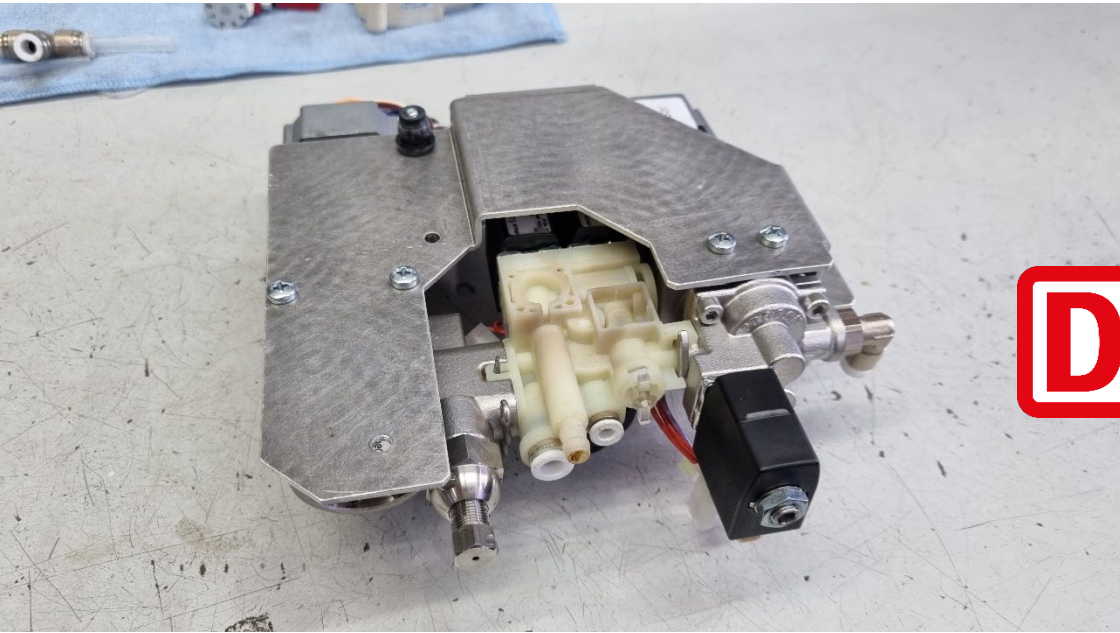
 trinckle

Client Example

Fixture for quality inspection

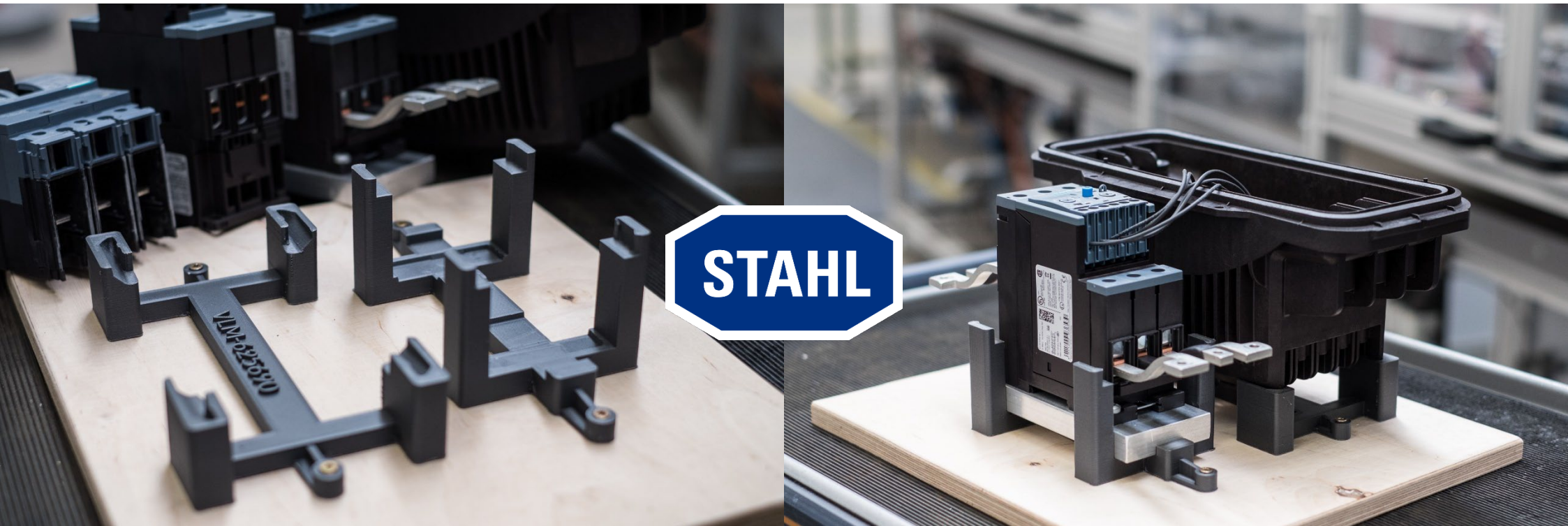


Client Example



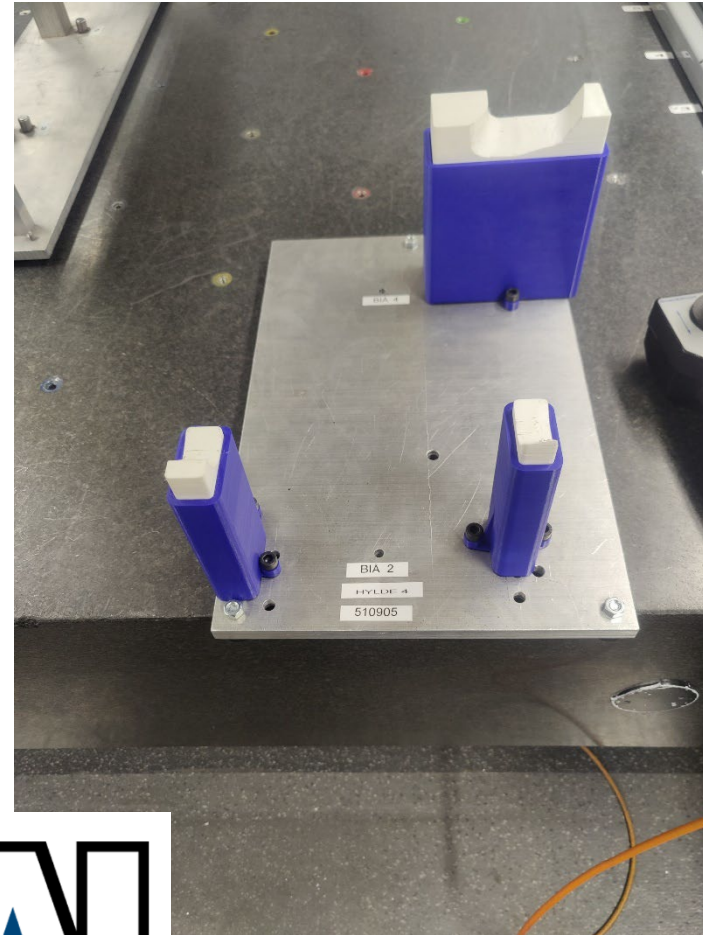
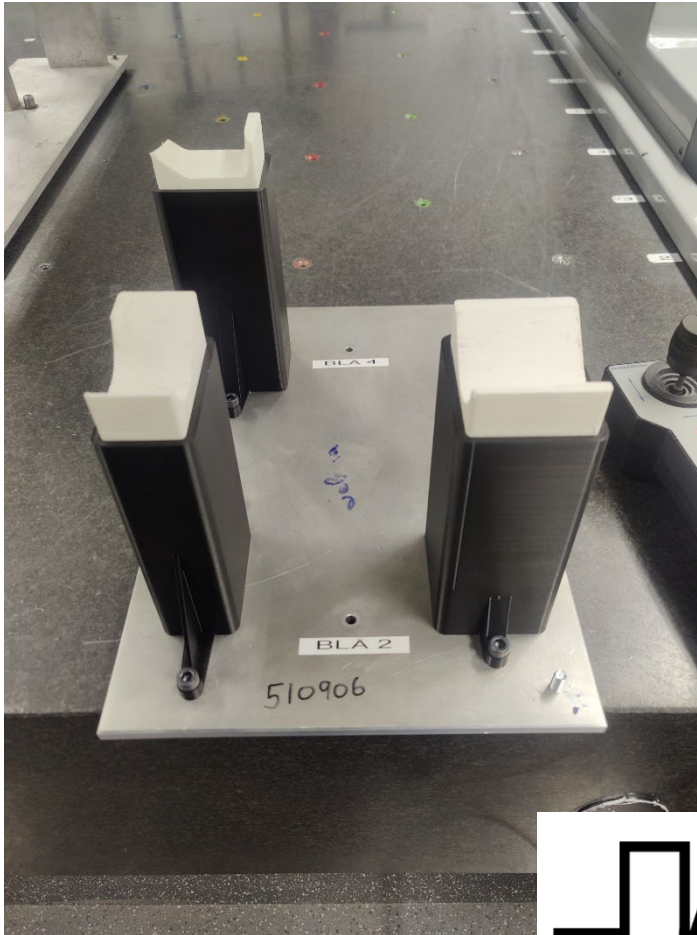
Client Example

Device for assembly and wiring of explosion - proof switch series

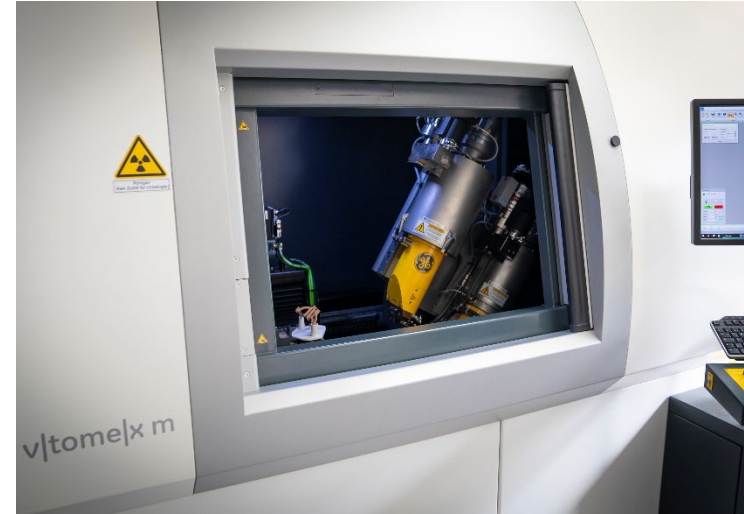
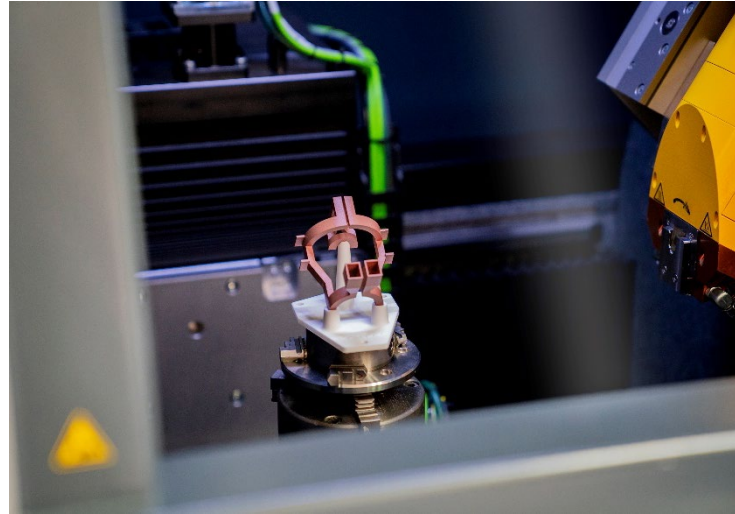
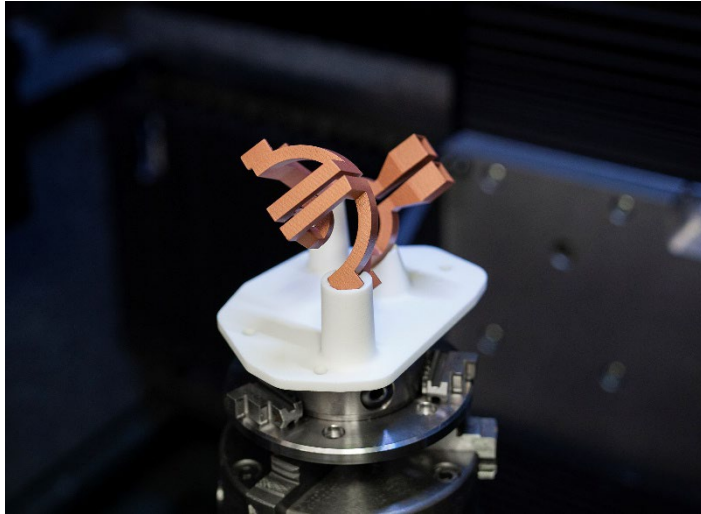


Client Example

Fixture for measuring machines



Client Example Fixture for CT





The Potential

Additive Manufacturing Technology

to produce low - volume jigs, fixtures and tools at low costs.

The new bottleneck

Manual CAD design for AM parts
internal design processes are restricted to a small expert user group with limited resources



fixturemate
trinckle





No CAD & AM
expertise needed

80%

Significant reduction
of manual work

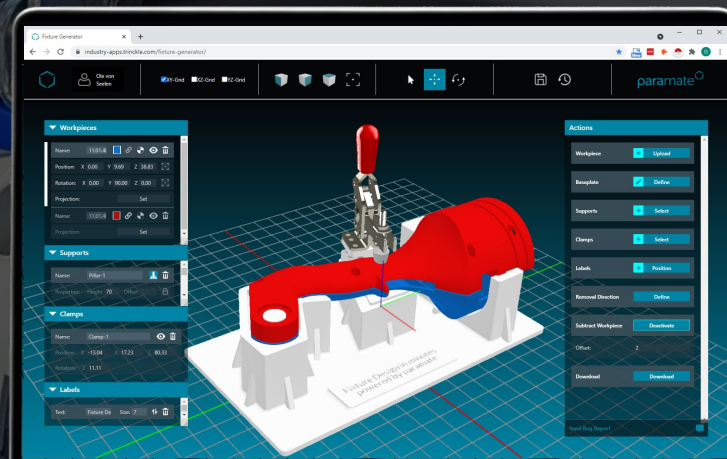
fixturemate 



Speed up replacement
processes



Cloud-based usage in
any facility worldwide



Fixture Design in minutes
powered by paramate

