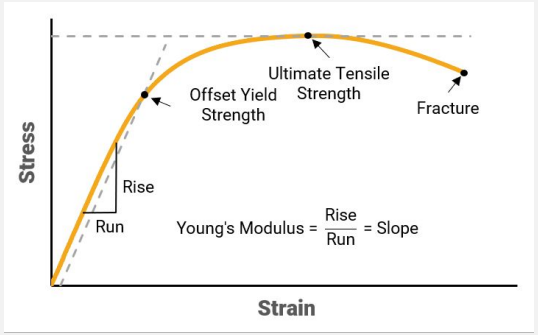
imprintec
MATERIAL TESTING SOLUTIONS

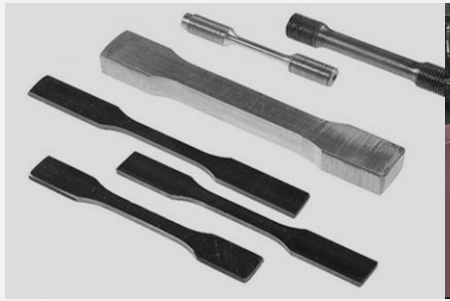
AI FOR QUALITY AND INSPECTION

Problem

No efficient material testing and inspection



Standard method of testing

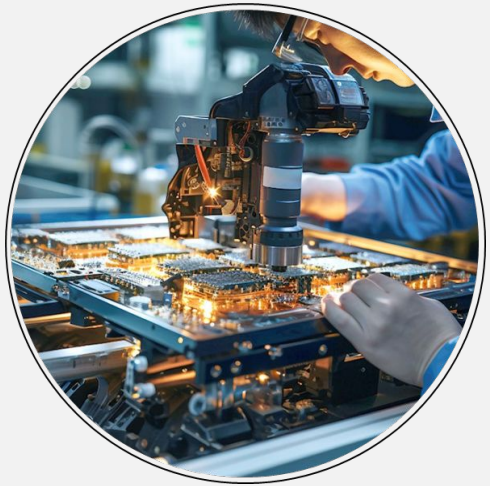


Problem

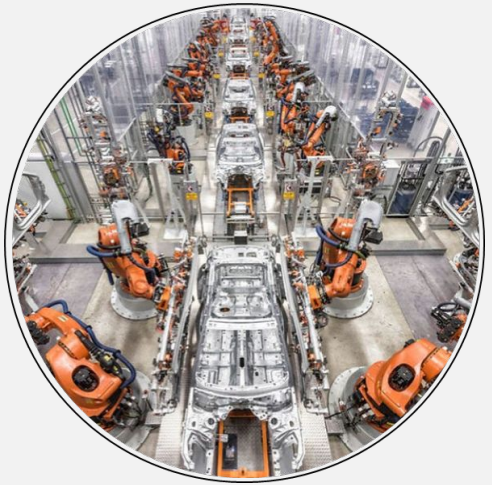
Leading to...

1. Costs and rejects in production due to slow, expensive and insufficient testing methods

2. Lack of product optimization in research and development due to insufficient methods

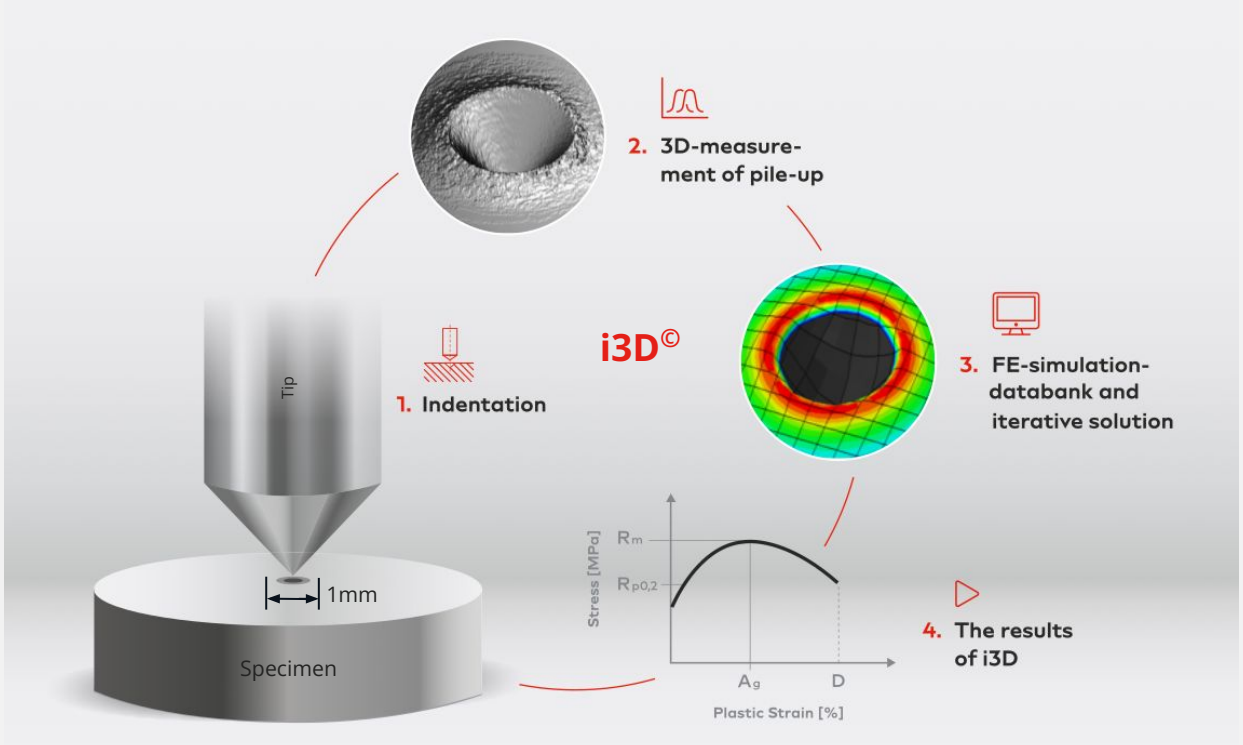


3. Missing link for quality assurance in a “smart factory” due to absence of a solution



Our Solution

i3D© AI-based Technology



i3D© Software

- Patented
- DIN-certified
- ISO-group for standardization

- We use different AI based models: Hybrid data driven, simulation + optimization

- Results are equivalent to standard test methods (tensile and hardness testing)

Benefits and field of applications

USPs

Speed & Cost Efficiency

(up to) 40X faster

(up to) 50X cheaper

Non-Destructive & Versatile:

Non-destructive

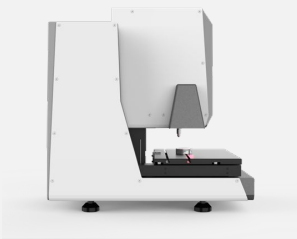
Versatile solution

Data-Driven:

Big data-enabler for future data-based software products.

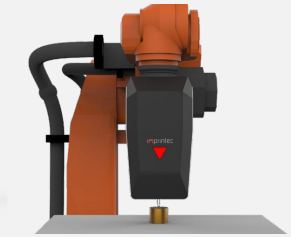
Broad Applicability

Stationary
(Ready and Sold)



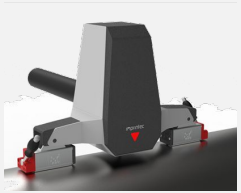
Fast incoming goods and production testing and R&D use

In-Process
(Prototype)



Automatic quality assurance and reject reduction

Mobile
(Prototype)

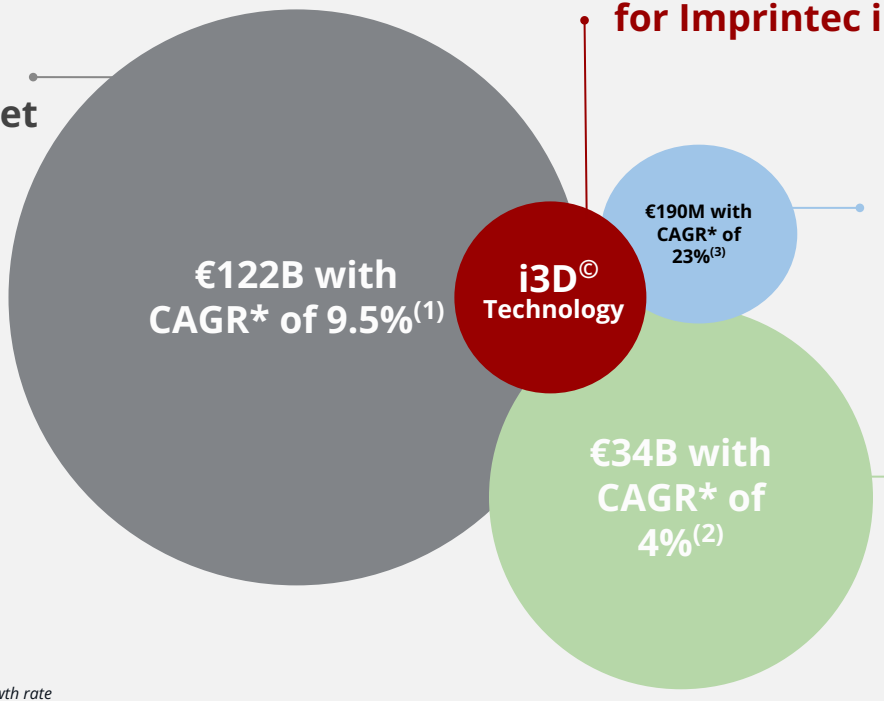


Fast inspection of pipelines, bridges, structures, etc.

Potential

Market Opportunity

SOM: € 300M**
for Imprintec in 5-7 years



* CAGR : Compounded annual growth rate
** SOM: Serviceable obtainable market

1. https://www.precedenceresearch.com/smart-factory-market
2. https://www.imarcgroup.com/material-testing-market; https://www.futuremarketinsights.com/reports/mechanical-testing-equipment-market ; https://www.verifiedmarketresearch.com/download-sample/?rid=3988
3. https://www.precedenceresearch.com/material-informatics-market

Traction

Achievements

Our product customers

TESLA USA

Mercedes-Benz

Fraunhofer IAPT

DLR

JD FIELDS & COMPANY, INC. USA

Continental

Helmholtz-Zentrum Geesthacht
Zentrum für Material- und Küstenforschung

Westfälische Stahlgesellschaft

arianespace arianeGROUP

SIEMENS Healthineers

schwartz

Multi-million Euro research projects

GE Additive

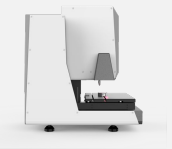
AIRBUS

ZF

Fraunhofer IAPT

i3D© Technology

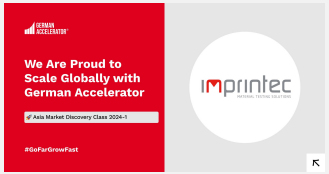
- We are profitable
- Scalable products & Industry 4.0 / 5.0 technology
- Patented and ISO standardization underway
- USA Market Entry: Part of German accelerator program



ISO

ASTM INTERNATIONAL

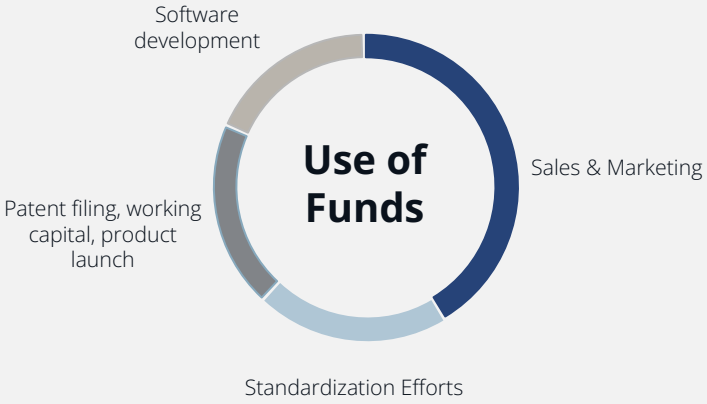
DIN



Invest

Investment Details and Use of Funds

To achieve our next milestones within 12-15 months:



Late Seed: € 1.50M
Committed € 0.75M
Equity

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