



Virtual Reality for Industrial Engineering

Anytime

Anywhere

Anyone



Our Product Meet Your Reality



We offer the most user-friendly Virtual Reality tool so that industrial engineers can work better, faster and cheaper in everyday planning life.



Main Problem

The Cost of Errors (Spotted Too Late)



The later planning errors are discovered the more expensive it becomes

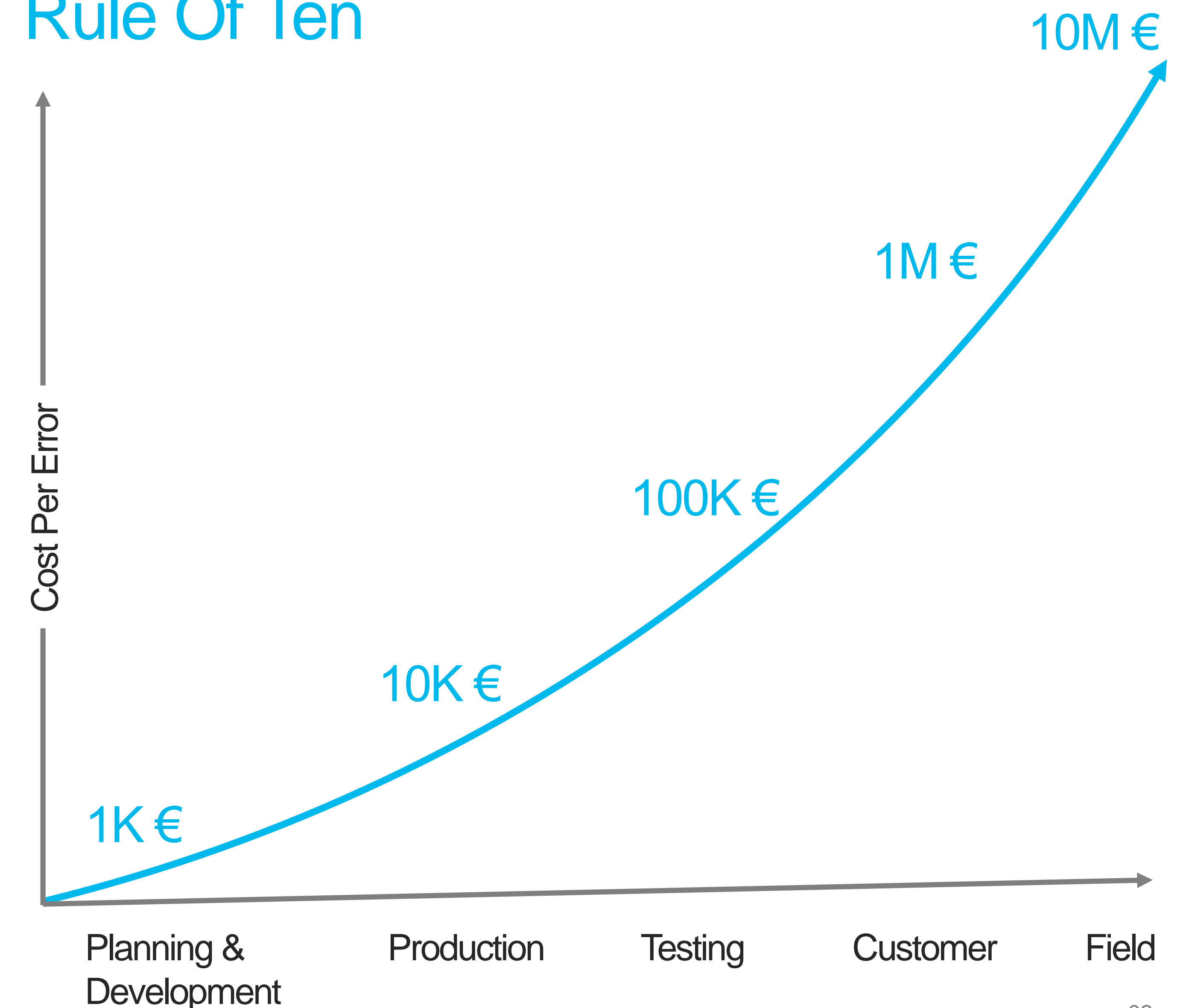
3D CAD drawings cannot be objectively assessed by laypersons

Without time-consuming mockups, the experience knowledge of those affected cannot be considered

Pricy revisions and a delayed ramp-up are the consequence

Rule of Ten: In each phase the cost of errors increase tenfold

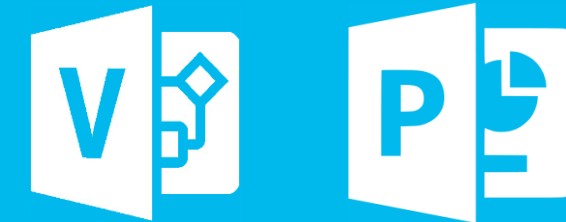
Rule Of Ten



Planning Process As Always...



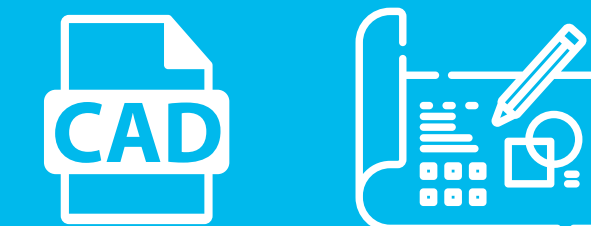
Concept



Definition & Mock-up



Design & Development



Construction & Assembly



Commissioning & Ramp-up

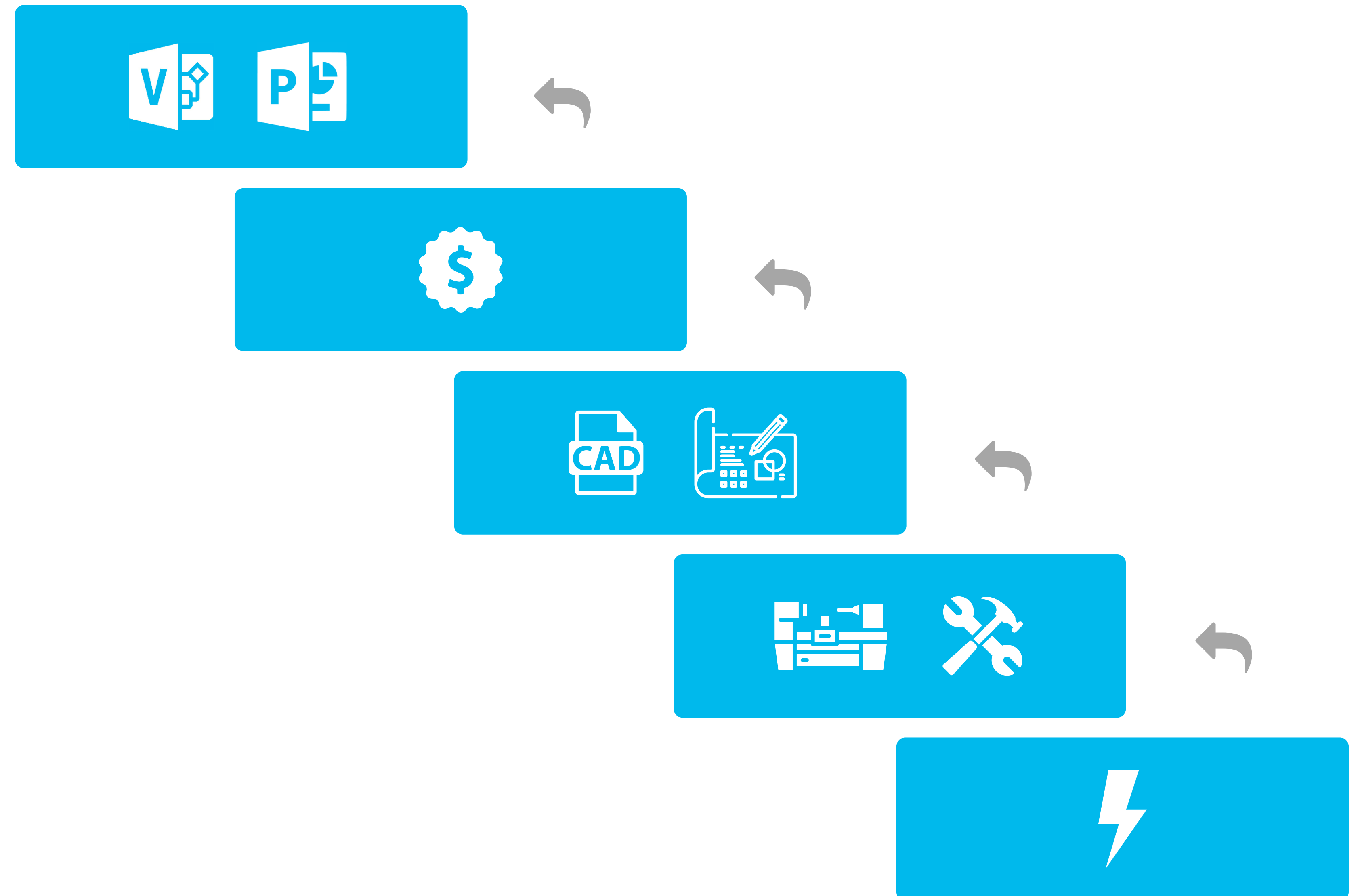


...do you want to keep working like this?



The normal everyday life

- › Errors are in the detail
- › Affected employees are not involved
- › Milestones are not sustainable
- › Lengthy discussions
- › Rework = Overtime
- › Late build-up of mockups
- › No agile process possible



Old School Not Agile, Error-prone, Time-intensive



2D Display



Cardboard



Real Prototype

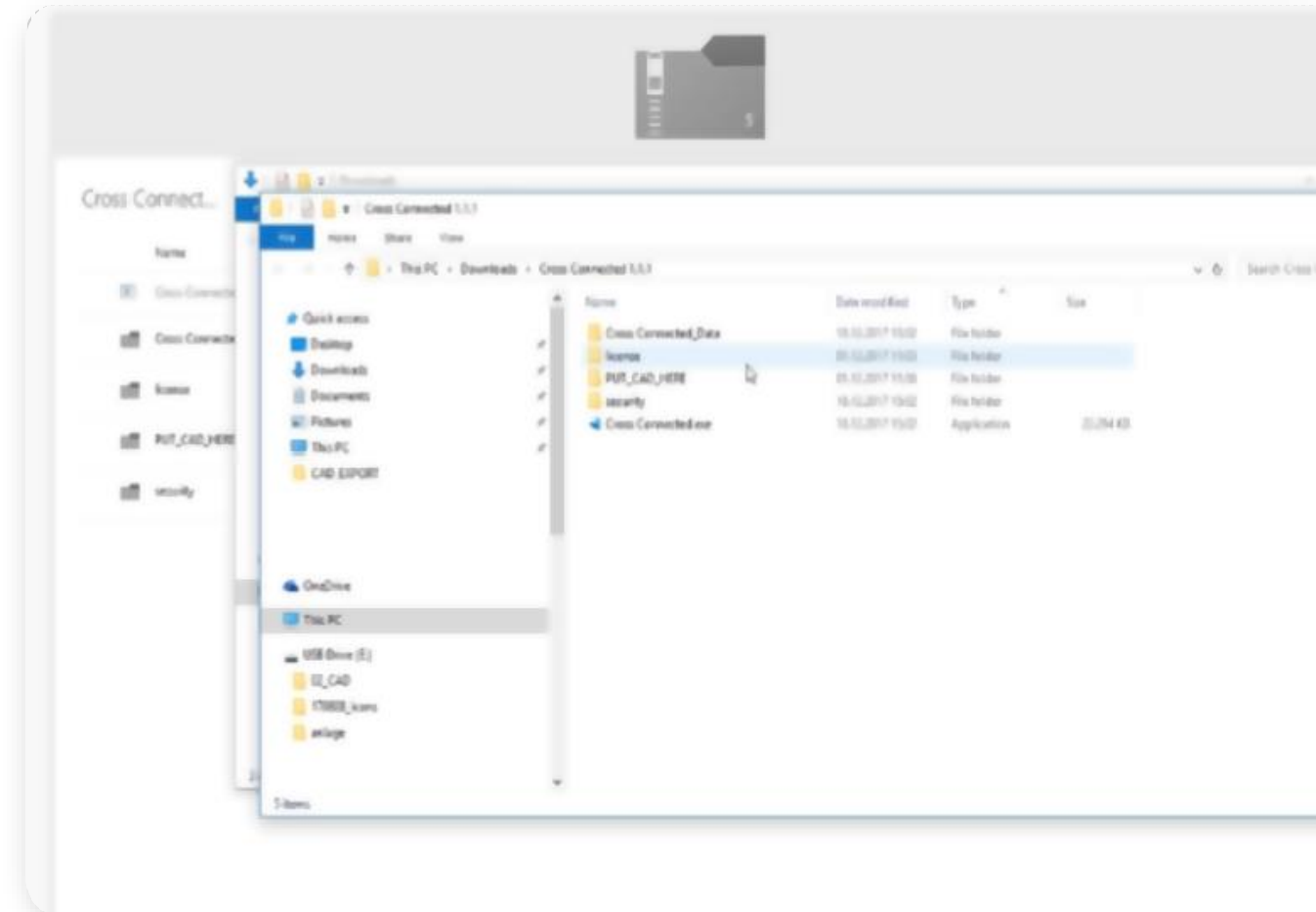
A complex and highly synchronized workplace requires new solutions

Our Solution

Early Error Detection Made Super Easy



Quick Setup Like In Gaming



Standardized Data Loading



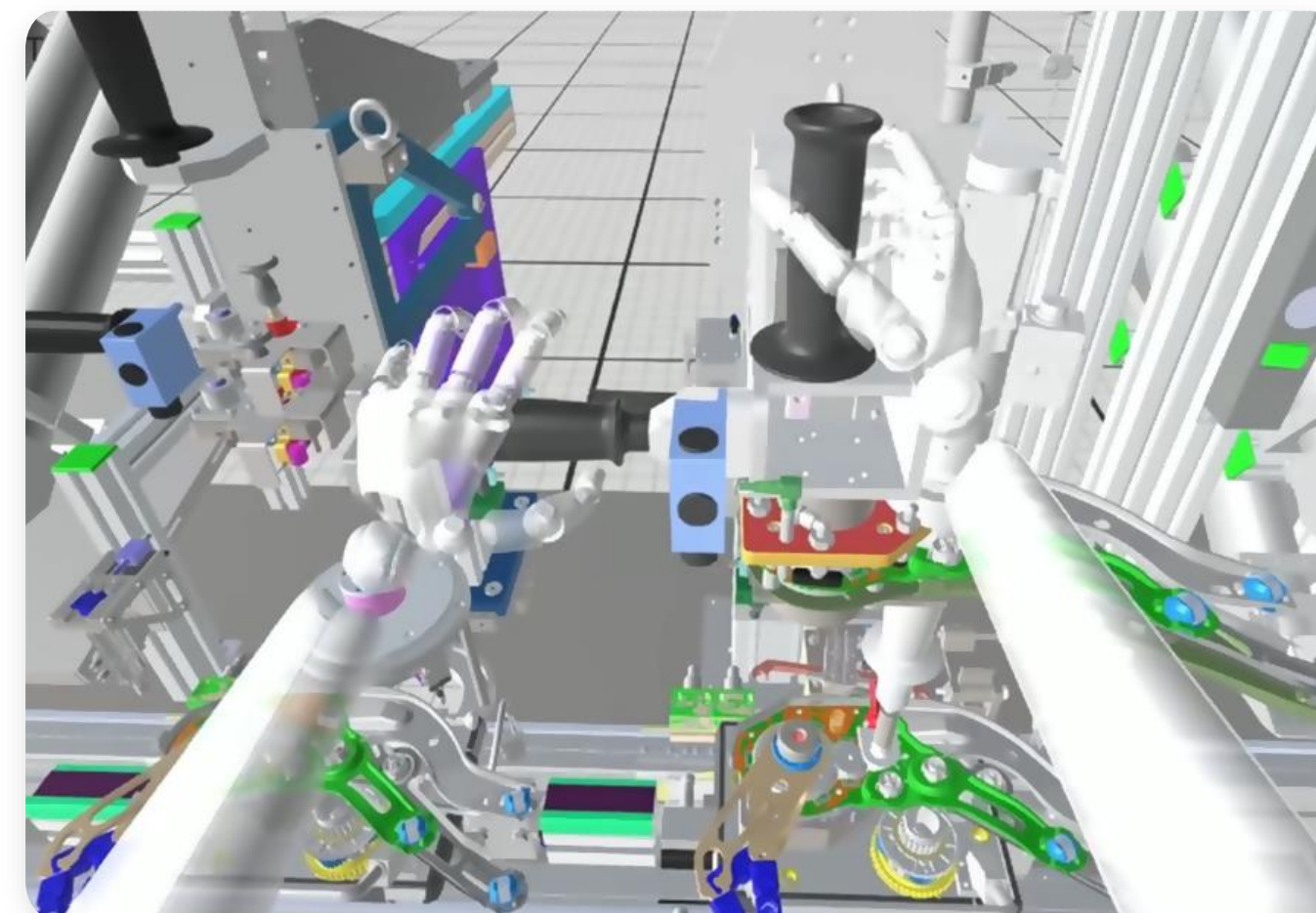
Put On Glasses & Go 360°



Work Real With Bare Hands



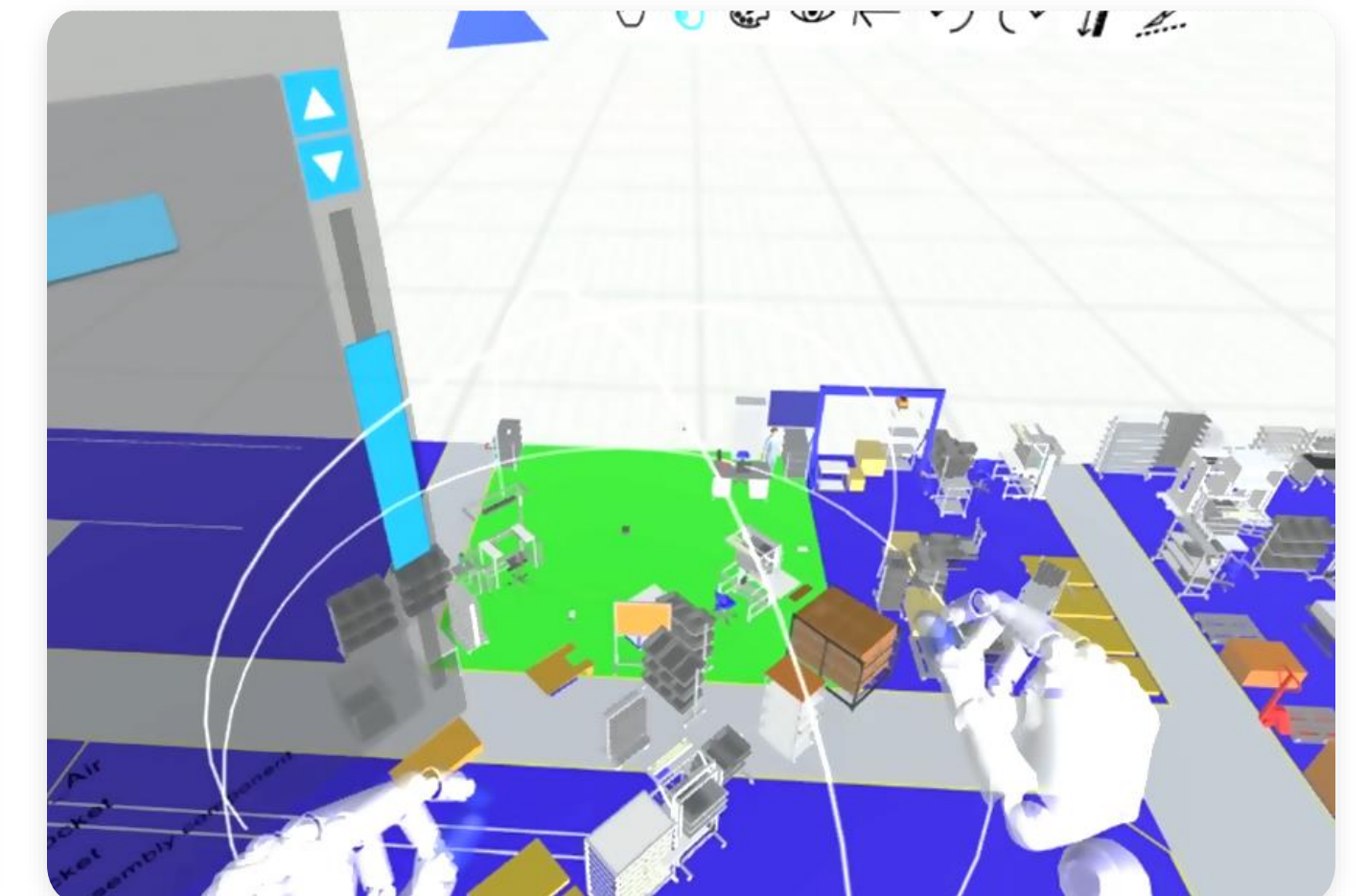
Use Case: Ergo Check



UC: Assembly Sequence



UC: Layout Planning



UC: Plant Procurement

Video: Meet Your Reality



Only R3DT Offers The
Validation of 3D Models in
VR With Bare Hands.



See videos @ r3dt.com/uc

Our Customers

“Within 5 Minutes Anyone Can Use It”*



NETZSCH

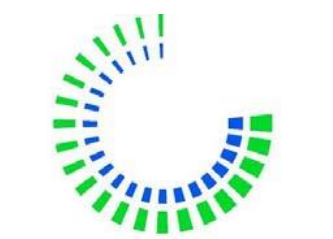
ebm**papst**

FESTO

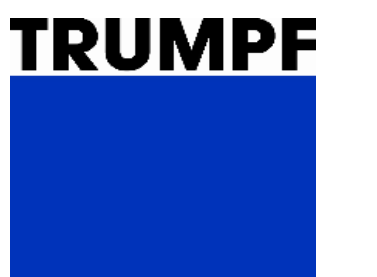
Alcon
CIBA VISION



bürkert
FLUID CONTROL SYSTEMS



GHH
FAHRZEUGE



wieland



BIZERBA



KOENIG & BAUER

SICK



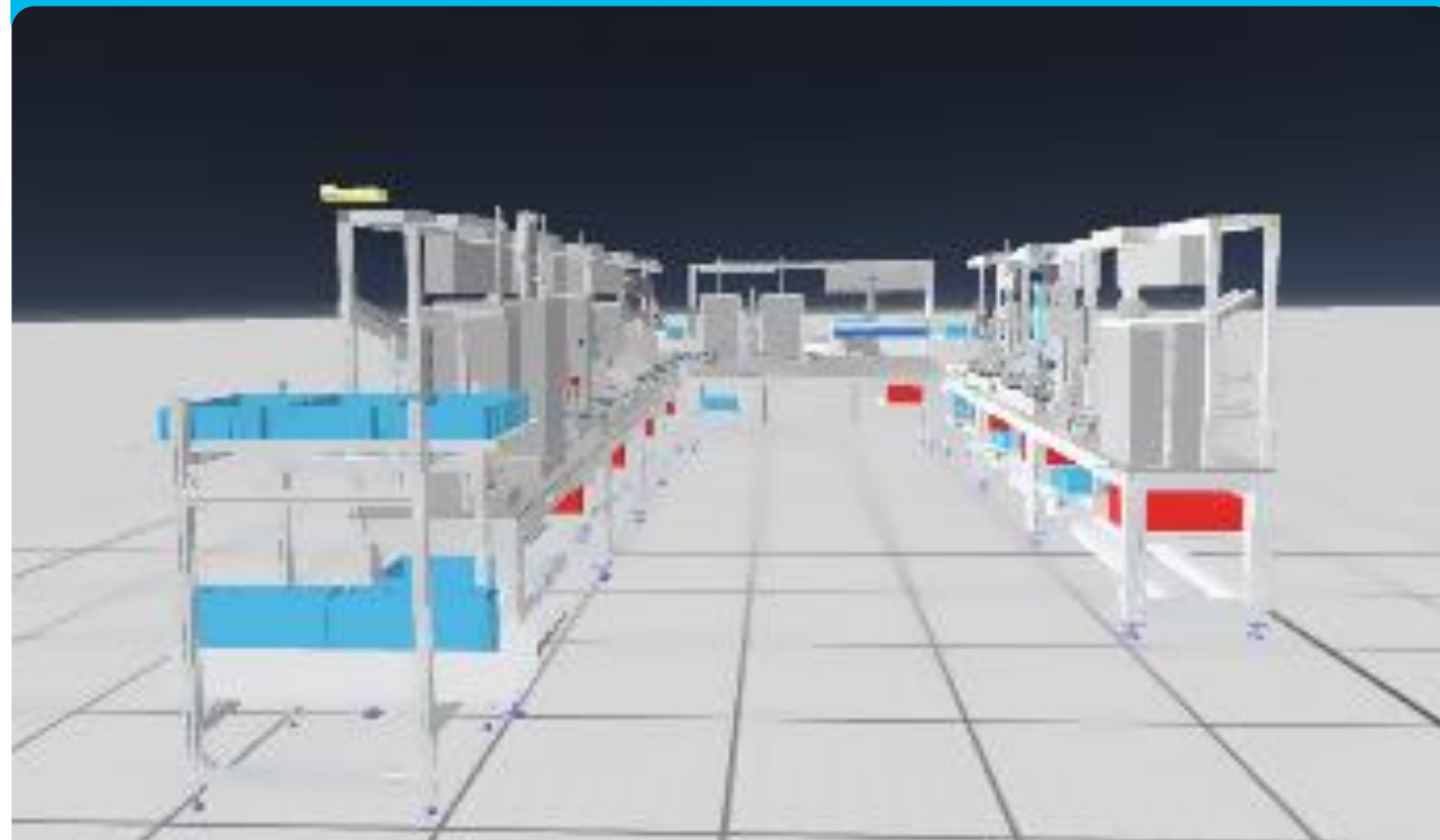
Your Benefits

All Concerned Enjoy a Better Workday



Stakeholder	Design Engineer	Production Engineer	Customer	Manager	Company
Benefit	Better understanding	No mockups necessary	Active involvement	Shorter project times	Higher customer and employee satisfaction
▼	▼	▼	▼	▼	▼
ROI	Avoids costly errors and reworking	Safeguards process better and earlier	Maintains higher quality at the right time	Increases efficiency, reduces cost	Increases productivity and returns

Fast ROI From a Controller's Perspective



Decreases design time
by 10% = 3-4 man-months
per assembly line



HOSOKAWA ALPINE



Saves mock-ups with
a potential of 100,000
euros/year besides
shorter delivery times



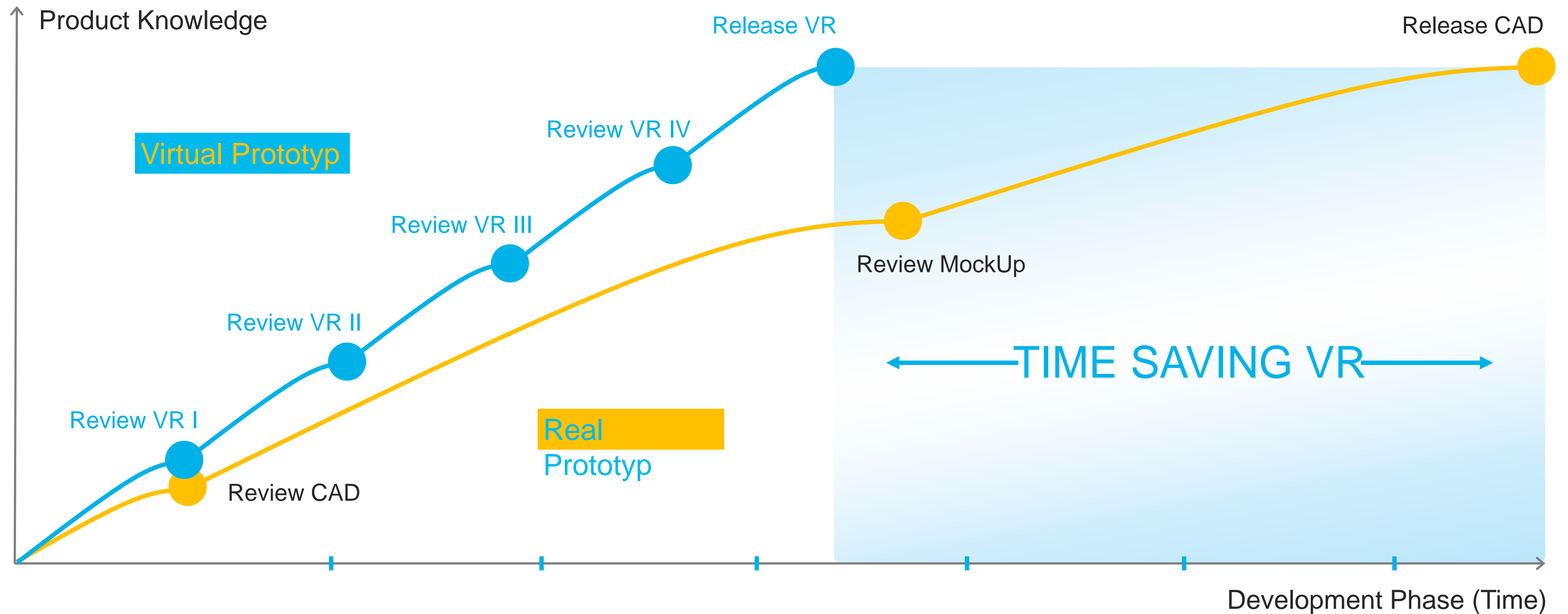
BOSCH



Shortens project lead time
by 6 weeks and replaces
expensive real prototypes
with virtual ones

Quick Wins

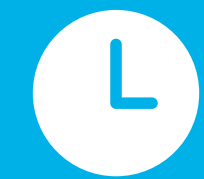
Reaching Goals Earlier with Higher Quality





Which Errors Can You Avoid With VR?





Anytime.

Automated loading of
CAD models anytime
for agil development



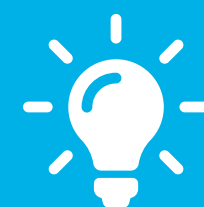
Anywhere.

Virtual twins are
available fast and cost-
efficient anywhere.



Anyone.

Anyone can work with
the VR tool instantly
without training



Better.

Reduce risk and cost
of errors and improve
quality continually



Faster.

Shorten time-to-market
and further increase
competitiveness



Affordable.

Improve cost position
and use experts time
more efficient

VR for Everyday Life: Set Up and Get Started



Basis: CAD-to-VR	Add-on: VR-DOER	VR hardware: buy or lease
All functions incl. automated import of STEP or JT file formats (SolidWorks etc. on request)	For internal and external collaboration with CAD-to-VR users (w/o CAD import)	Notebook or desktop GPU min. P3000, GTX 1060 or RX480
		Headset like Rift/Rift S, Vive/ Vive Pro, XTAL or Varjo VR-2
5,880 €/p.a.	2,280 €/p.a.	Leap Motion sensor for Rift/Vive HMDs



in the portfolio of
 High-Tech Gründerfonds



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