halocline

Plan better.

- 7 years of development
- Made in Germany
- 40+ employees

100+ customers

of all branches and sizes

Tangible production planning with Halocline

From work-station to complete digital factory. Planning in Virtual Reality leads faster to better results.

Halocline solves urgent challenges

To stay competitive, you need to adapt fast.
Todays planning processes take far too long.

1

Digital planning requires expert knowledge

2

High effort to keep everyone involved

3

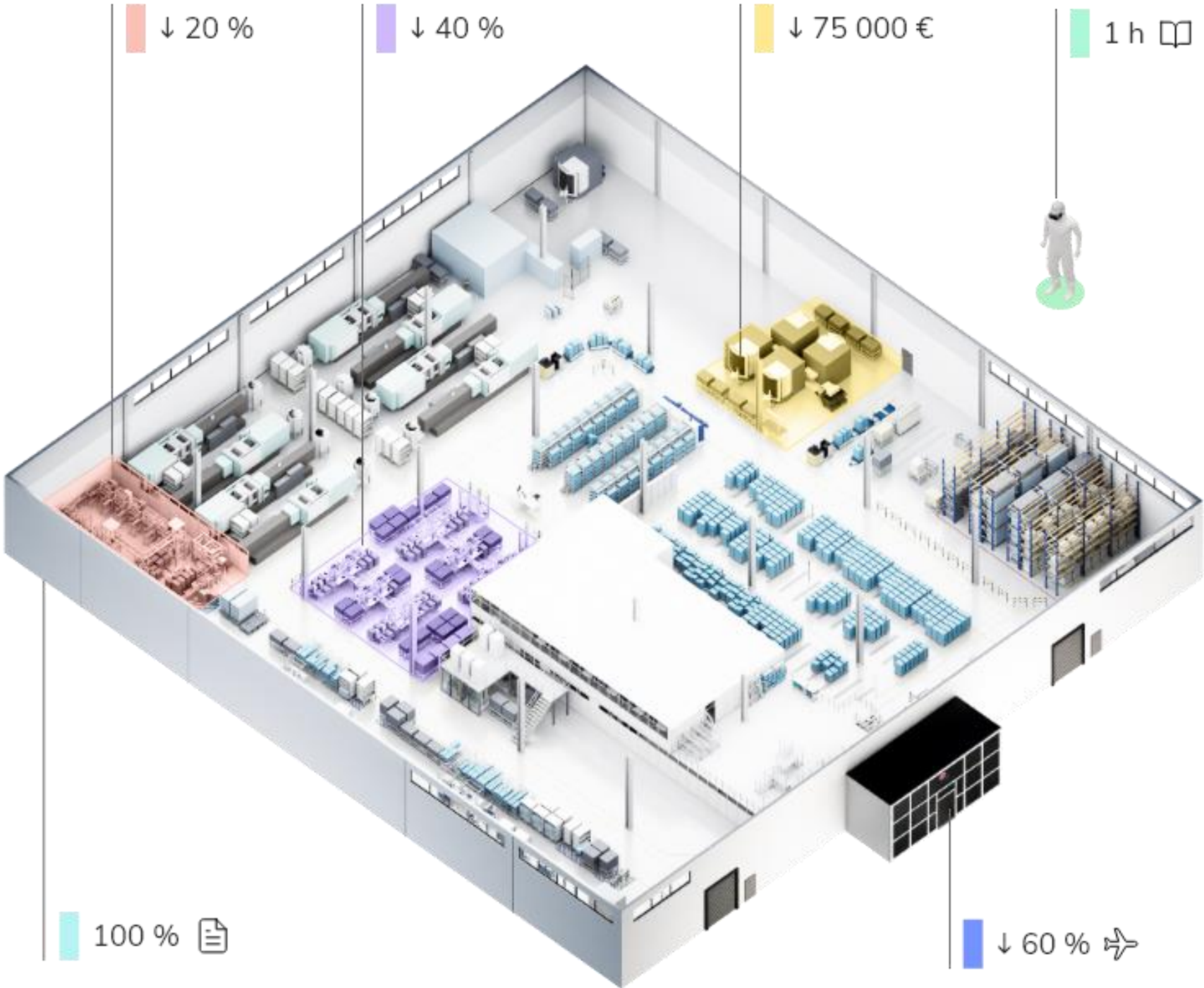Increase productivity of manual work

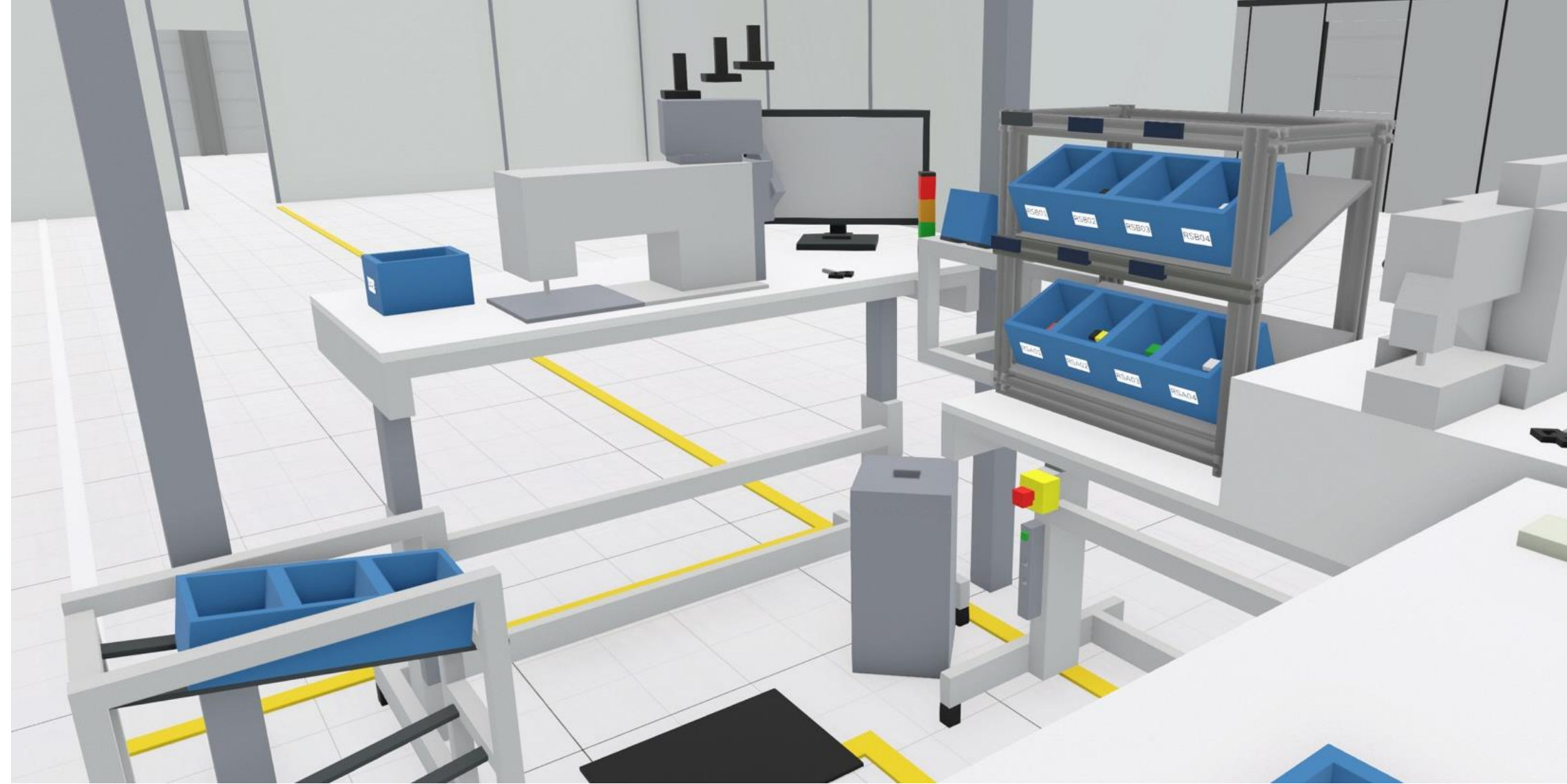**4**

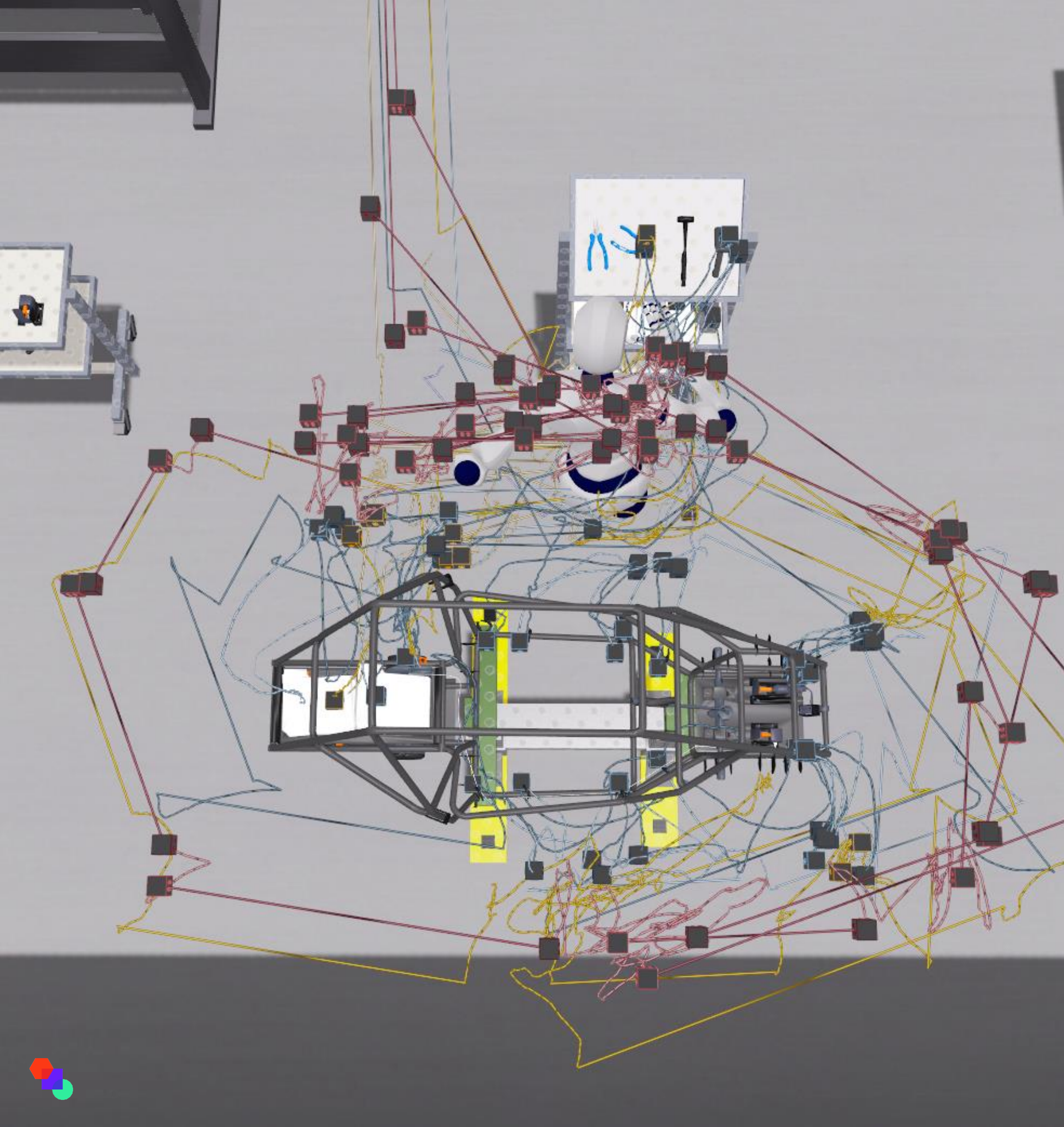Invest in new production systems is risky

Why should you use Halocline?

40% reduction of project time
75% when compared to cardboard engineering

20% shorter process time
due to optimized layout and processes

> 75k € cost reduction
additional savings through virtual validation + earlier optimization

60% less travel
reduction of travel cost and CO2 emissions

Faster results and better communication
High accessibility, ease-of-use and very short onboarding time allow interdisciplinary collaboration

↓ 20 %   ↓ 40 %   ↓ 75 000 €   1 h

100 %   ↓ 60 %

Deliver on planning tasks without any prerequisits

Halocline is fully featured to quickly get from layout planning to realization on the shopfloor.

Define working processes and validate efficiency

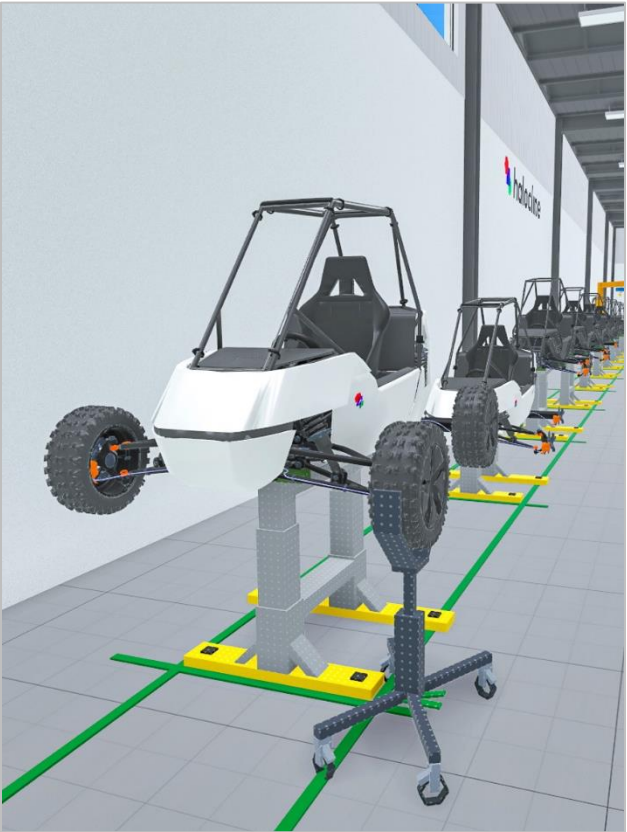Optimize material placement and walking paths for your layout. Assure adherence to standards and guidelines.

Collaboration between all stakeholders

Share your plan with your colleagues. View using our Desktop app or meet directly in the virtual shopfloor.

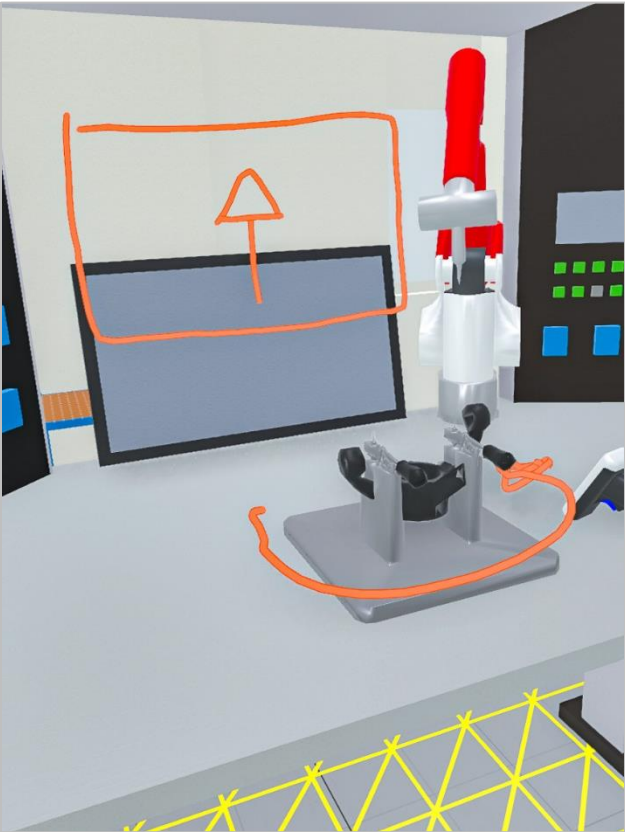# Project workflows for the industry

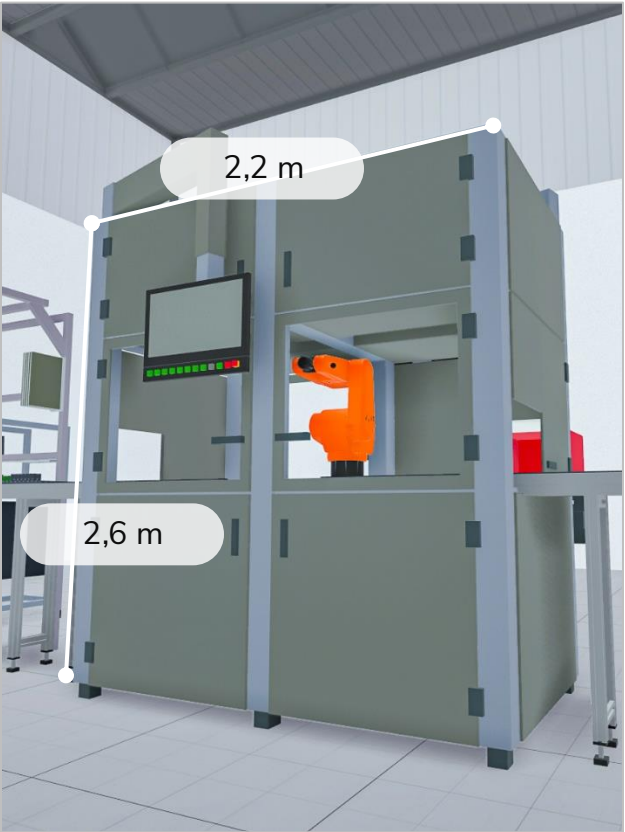Halocline supports you in a wide range of frequent planning tasks.

Integration of a new product

Relocation or reshoring

Kaizen and optimization

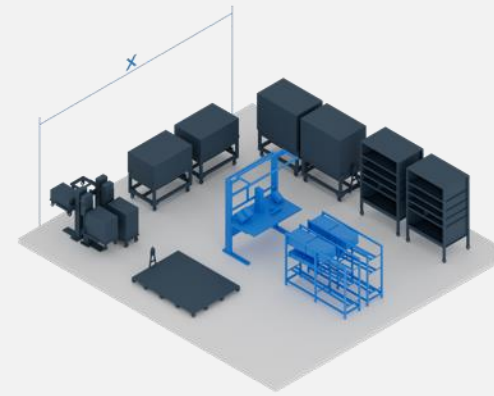Automation and changing machinery

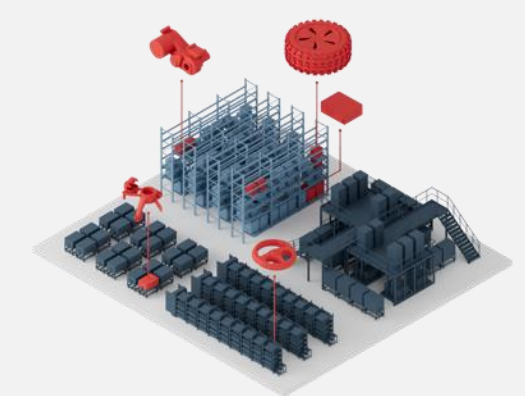Quantity adjustments

Use cases & methods

Halocline provides comprehensive support for industrial planning tasks.
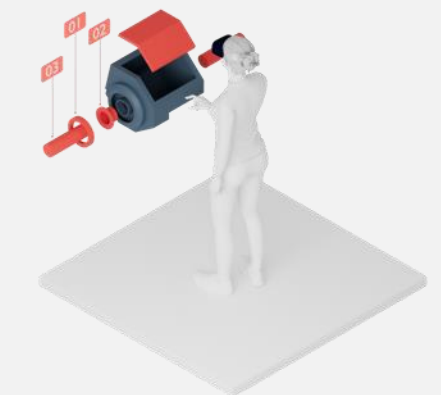

Layout planning
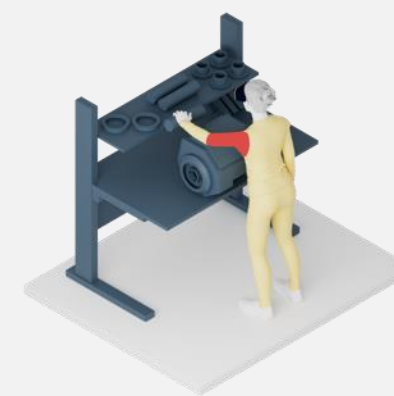

Workstation design
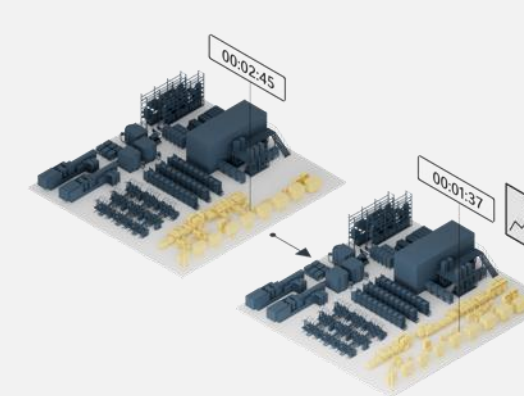

Material planning

Worker involvement

Supplier coordination

Design for manufacturing

Check guidelines & ergonomy

Compare variants

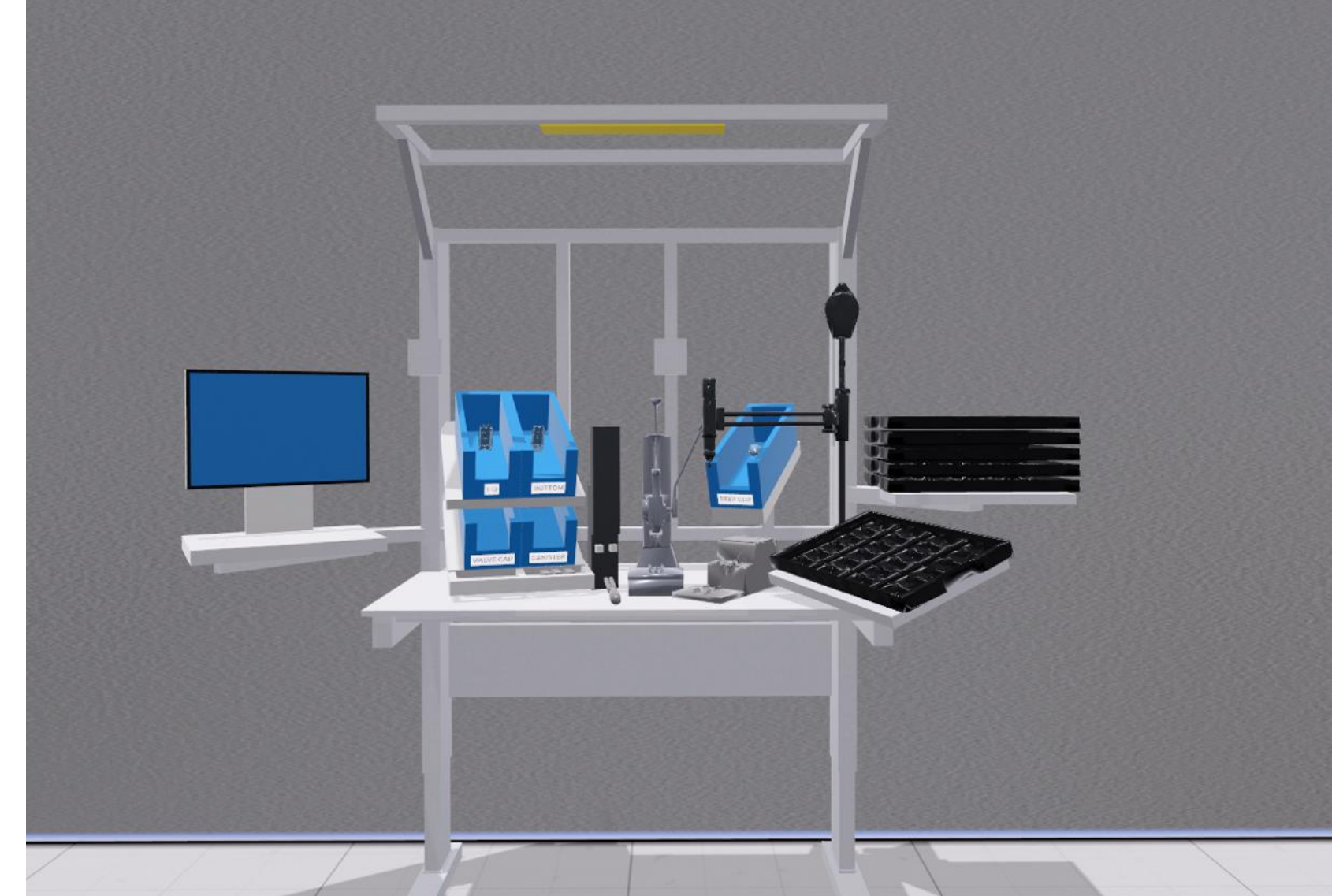Communicate and decide

customerproject   medical industry

Workstation design - Sanner

Development of a safety specified working station for producing medical equpiment.

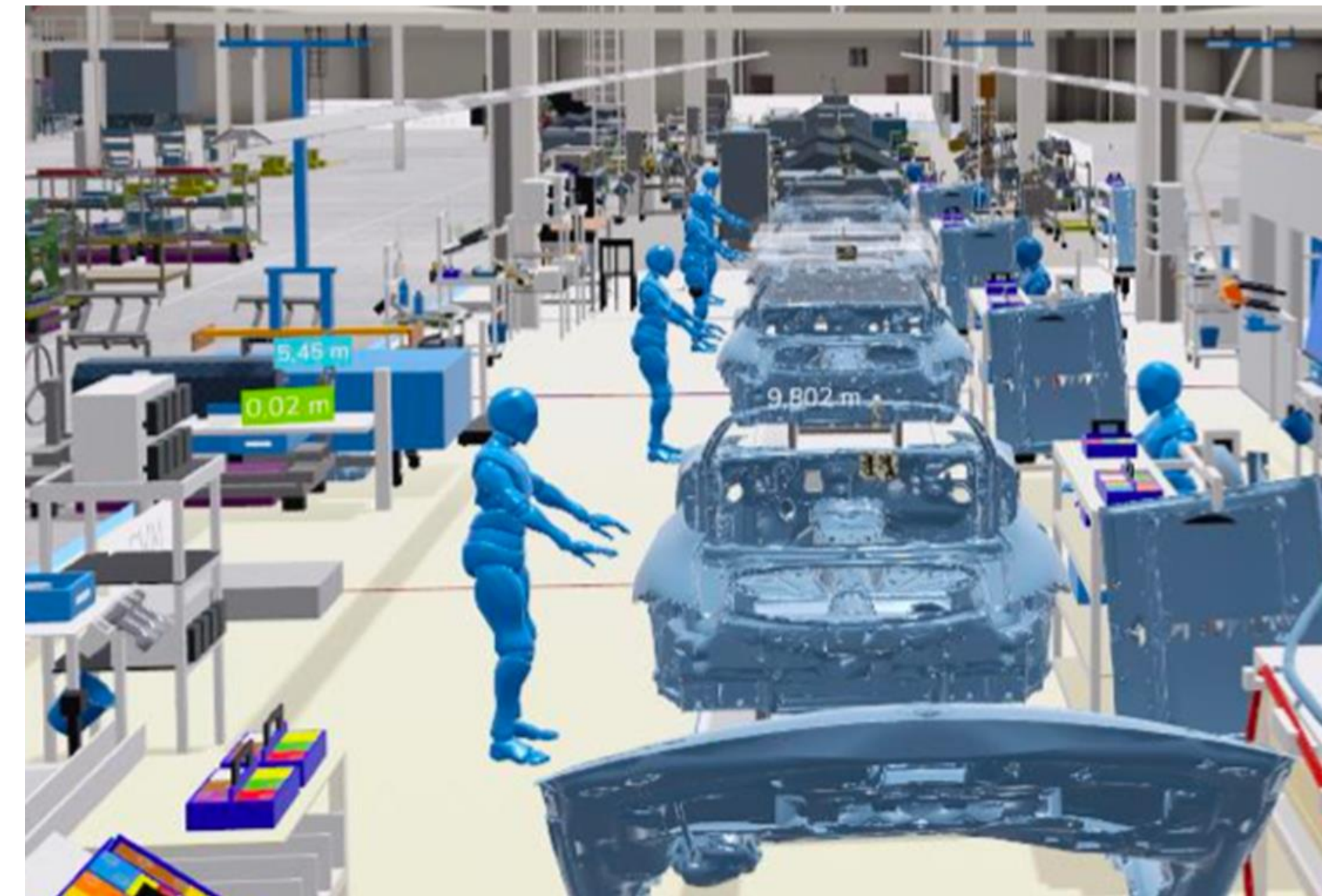|	
Project duration	1 workshop day
Gains	1 week project time saved All stakeholders involved in decision-making
Top ROI	20% faster manufacturing process time

New line planning

Planning of a final car assembly line on 11.000 sqm, with introduction of Just-in-Sequence material supply.

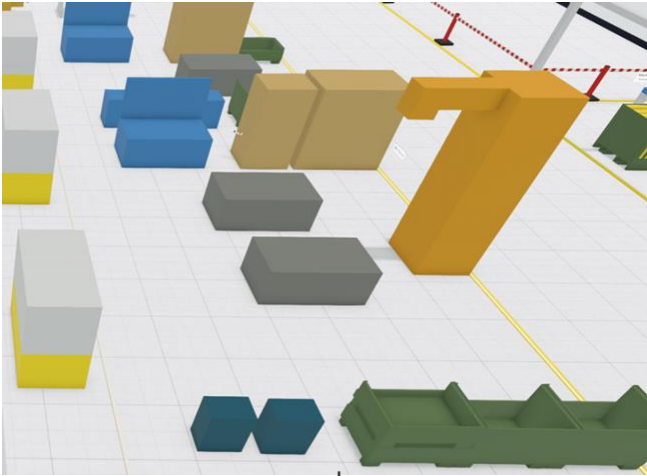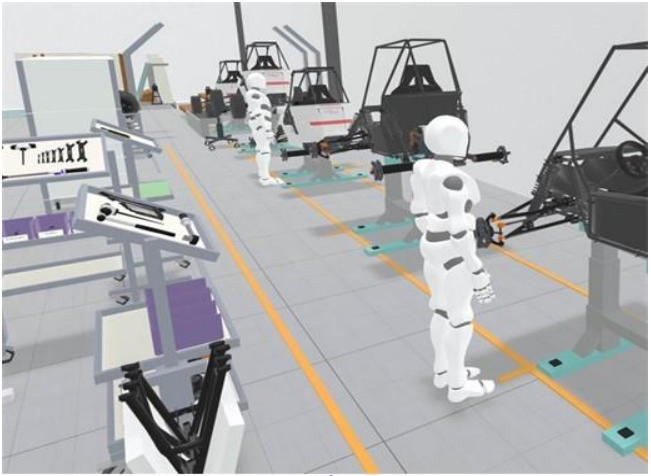|	
Project duration	2 years
Gains	Outstanding first-time quality High acceptance of Just-in-Sequence process
Top ROI	2 months earlier start-of-production

How Halocline works

Halocline offers comprehensive and easy-to-use functions
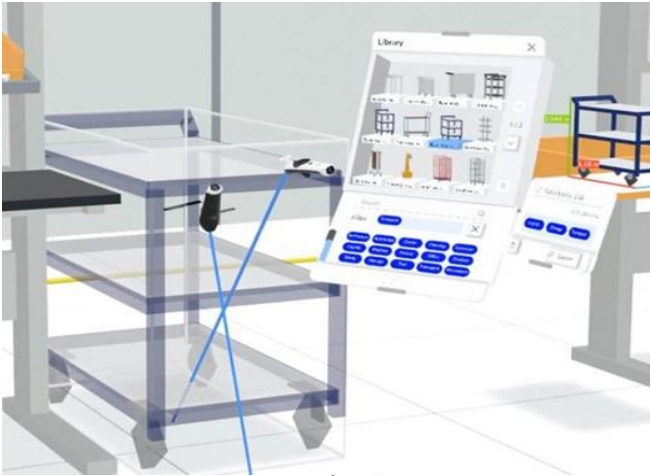for your planning tasks.
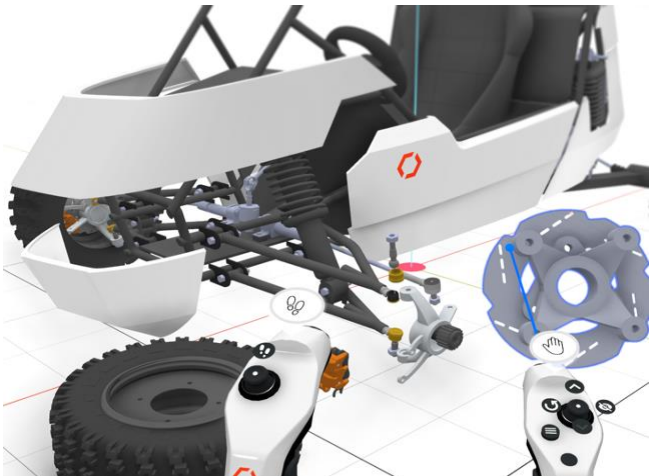
1. Sketch concepts
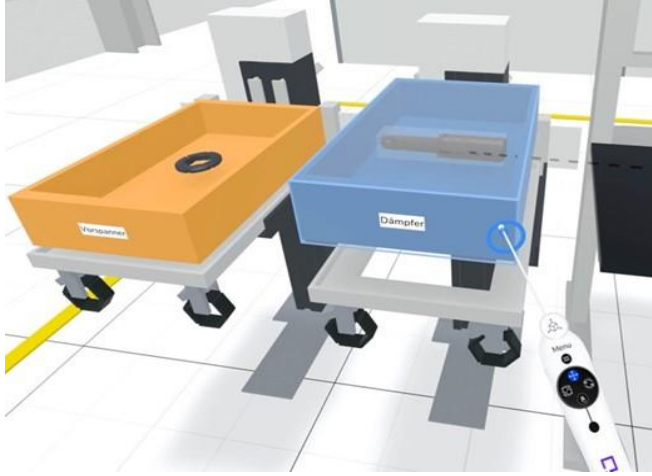

3. Detailed planning

5. Large object library

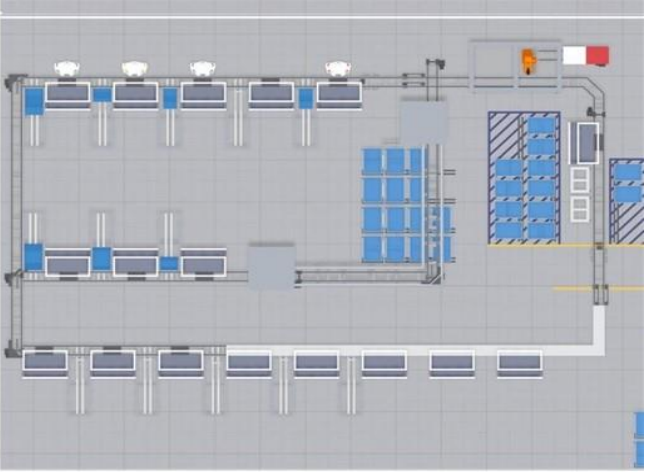7. Manage virtual factory

2. Integrate product data

4. Organize material supply

6. Test and validate

8. View and share

License model

Halocline grows according to your needs.

Essential

Layout planning for workstations

from 350 €
per month*

Highlights in Essential:

- ✓ Up to 1.000sqm planning space
- ✓ Design layout & working station
- ✓ Interactive trials & recordings
- ✓ Review product data in VR
- ✓ CAD-Import: STEP & JT
- ✓ Planning history

Professional

Planning and validation for the full factory

from 850 €
per month*

Everything from Essential +

- ✓ Unlimited planning space
- ✓ Export planning data (geometry)
- ✓ Process analysis and export
- ✓ Check ergonomic indicators
- ✓ Define assembly sequences
- ✓ Check assemblability and accessibility
- ✓ CAD-Import: most native data formats
- ✓ Planning variants

Enterprise

Custom integration with planning systems

Everything from Professional +

- ✓ API-access & PLM-integration
- ✓ Individual data analysis, e.g. generation of MTM
- ✓ Packaging and roll-out through your IT and internal shop systems

Addons

- ‣ Use Laserscans
- ‣ CAD-Import: custom data formats
- ‣ Integration of your factory geometry
- ‣ Borrow hardware setup
- ‣ View-only license

*with annual billing

Enter your virtual shopfloor with Halocline

Test three weeks for free.

Complete version incl. tutorial
Optional: borrow VR-Hardware from us

[Request test version]