



MAKING INDUSTRIAL COMPLEXITY VISIBLE

THE GOAL

**REDUCE
COSTS**



**SAVE
RESSOURCES**



**INCREASE
SUSTAINABILITY**



THE WAY

Become **faster**, more
efficient and more **agile**
by making **complexity**
visible 

OUR FOCUS: MAKING COMPLEXITY VISIBLE

- ❏ EXARON is a technical simulation office specializing in the **visualization of complex industrial processes**.
- ❏ For this purpose, leading **simulation software** in factory and production planning is used and combined with industry-standard **extended reality (XR) technologies**.

XR is an umbrella term for technologies that create computer-generated environments and objects. While users of **augmented reality** (AR) perceive virtual objects as an extension of the real world, they immerse themselves in a purely virtual world through the use of **virtual reality** (VR).

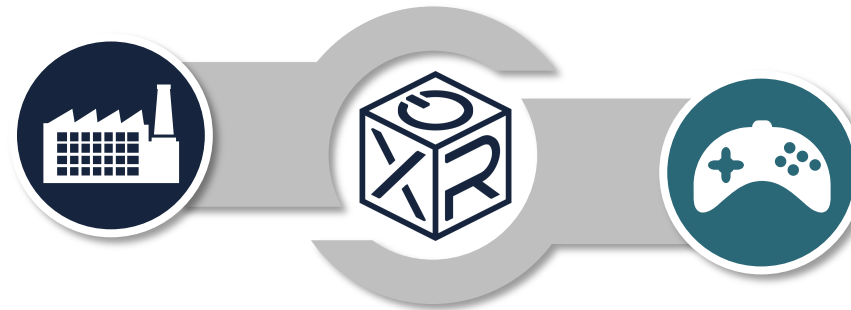
OUR USP: SYMBIOSIS OF TWO WORLDS

INDUSTRY

- 📦 Experience: mechanical and plant engineering, automation, simulation
- 📦 Knowledge of challenges and tools as well as customer requirements

ENTERTAINMENT INDUSTRY

- 📦 Building knowledge about immersive XR technologies since 2012
- 📦 Review of their applicability in the industrial environment



OUR CUSTOMERS: THE INDUSTRY

- ❏ **Machine and plant manufacturers** who serve various industries with their solutions (mobility, industrial goods, consumer goods, health care, etc.)
- ❏ **Operators** of industrial **machines** and **plants**
- ❏ **Manufacturers** of complex products



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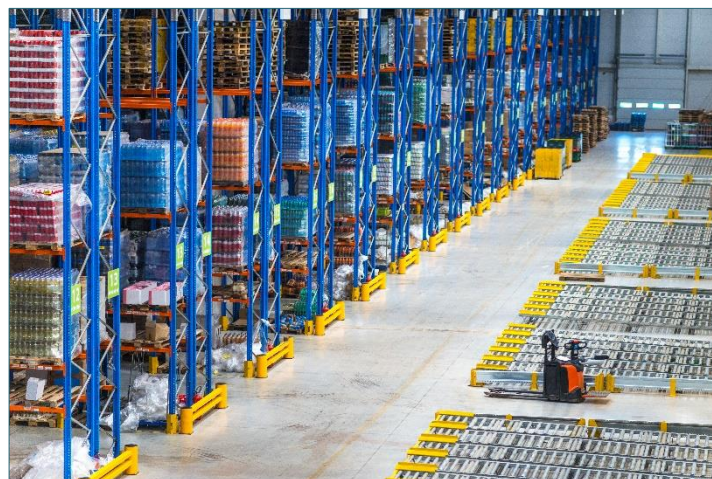


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THE OFFER

3D LAYOUTS

of

Production-
Assembly-
Logistics-
Automation-
Test systems
...

for

Feasibility studies
(Proof of Concept)
...

SIMULATIONS

of

Robots
Worker
AGV / AMR
Processes
Plants
...

for

Feasibility studies
Scenario Analysis
Optimization measures
...

XR APPLICATIONS

of

Prototyps
Machines
Plants
Products
...

for

VR Meetings
VR Reviews
VR / AR Showcases
VR Trainings
VR / AR Instrutions
...

THE ADVANTAGES

INCREASE

- Process & product quality
- Error identification rate
- User /Customer Experience
- Learning success & knowledge transfer
- ...

SHORTEN

- Phase of development
- Offer phase
- Acceptance times
- Commissioning times
- Downtimes
- ...

REDUCE

- Risk
- Room of interpretation
- Travel activities
- „analoge“ processes
- ...

INFO AND VIDEOS ONLINE



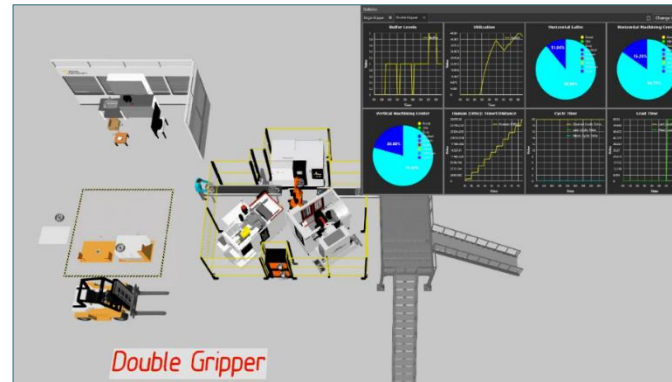
<https://exaron.at/>



<https://www.linkedin.com/company/exaron/>



<https://www.youtube.com/@exarongmbh>



EXARON

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