

# Software for remote Science & Engineering boards and training in VR



Software for collaboration with digital twins based on CAD or BIM models in virtual reality.

## Capability of VR Concept:

- ✓ Discussion of a 1:1 scale virtual mockup based on 3D drawings (CAD)
- ✓ Swift loading of 3D models in VR without programming
- ✓ Remote collaboration in VR
- ✓ Meeting at any time from anywhere
- ✓ Checking ergonomics on a virtual mockup
- ✓ Getting a virtual experience without risks for health

## Advantages:

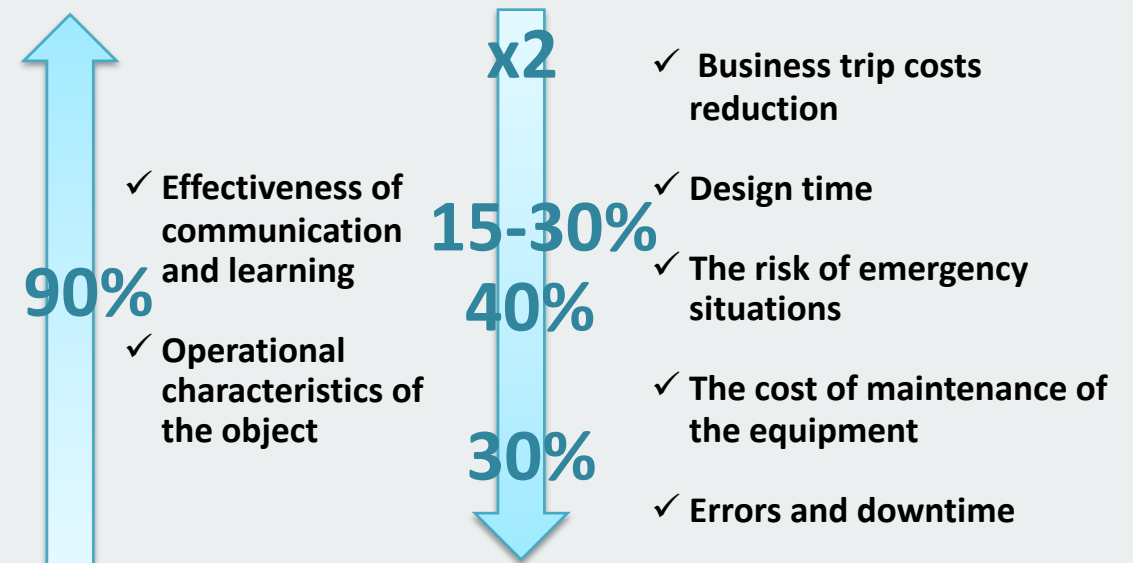
- Start in 5 min
- No need in programming skills
- Collaboration via **secure channels**
- Import **without converting** of 3D, CAD, or BIM data
- **Users'** avatars

## Equipment package:

PC with powerful graphics card, Microsoft Windows Mixed Reality headset, VR Concept software

## Result:

- 1) Modernization of interaction processes connected with project
- 2) Engage colleagues from other cities in effective remote work on one project
- 3) Demonstration of the project to customers in exhibitions: less stand space to demonstrate the project
- 4) A visual communication tool for professionals of different levels: engineers and customers



# Software for remote Science & Engineering boards and training in VR



**Valery Tolstov, chief executive officer of Innovation Development Center STM:**

"VR Concept software proved its effectiveness during the industrial operation. The solution is rapidly developing, and VR Concept team bears in mind all customer preferences, suggestions and proposals planning the next software update. I recommend VR Concept for virtual product prototyping."



**Anton Beskhodamy, chief strategic planning officer in Gazprom Neft:**

"Information Technology Service Company (subsidiary of JSC Gazprom Neft) uses VR Concept software to organize VR meetings between different offices, hold mock commissions, and check and verify the data from designers. We look into the possibility of scaling the solution to other departments of Gazprom Neft."



**Andrey Naumov, head of Department of Research in BSTU named after V.G.Shukhov :**

"We use the software for educational and demonstration purposes, it helps us to achieve a great success. With the help of VR Concept, we could demonstrate our 3D models of buildings, constructions and engineering systems. Our university has already held five open house events, four outreach events, three meetings of the interdepartmental working group with the Department of construction and transport of the regional administration."

