



singularity lab  
— interactive laboratory

# **VIRTUAL AND AUGMENTED REALITY FOR INDUSTRIAL USE**

VIDEO LINK  
[TINY.CC/3KH2QY](https://tiny.cc/3KH2QY)



# VIRTUAL REALITY FOR PROFESSIONAL TRAINING

## LOWER TRAINING COSTS

No need to build physical training facility with expensive equipment, that can be broken. Use the same space for different training scenarios.

## EASY SETUP, EASY USE, EASY MOVE

The equipment and software can be used with minimum technical skills and can be easily moved in any location.

## MULTI-USER SIMULATIONS

Simulate complex tasks with many users involved. No proper work is done without a team.

## EXAMINATION SYSTEM

You can use this software for examination purposes.

## FULL IMMERSION INTO VIRTUAL SIMULATION

Virtual reality can fully immerse a person into the virtual world, that will be perceived as a real one. All the actions, including hands and body movements, are precisely tracked and visualized.

## NO RISKS TO REAL EQUIPMENT AND HEALTH

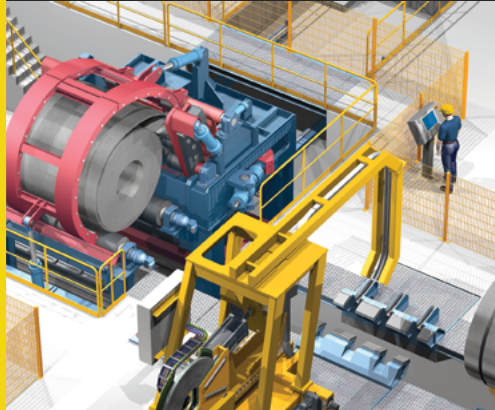
Make as much mistakes as needed without any consequences.

## NO LIMITS TO SIMULATION SCENARIOS

Simulate disasters, any working conditions, random events and many more.



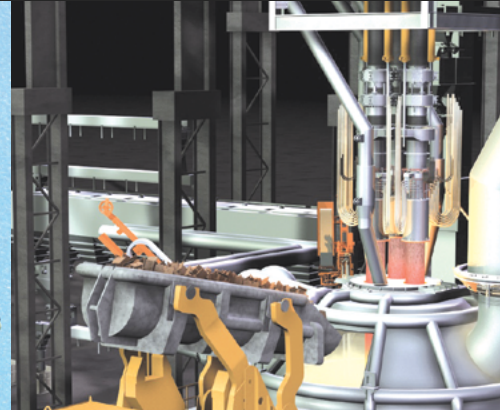
## DIRECTIONS



PRODUCTION AND  
PROCESSING ENTERPRISES



OIL AND GAS  
SECTOR

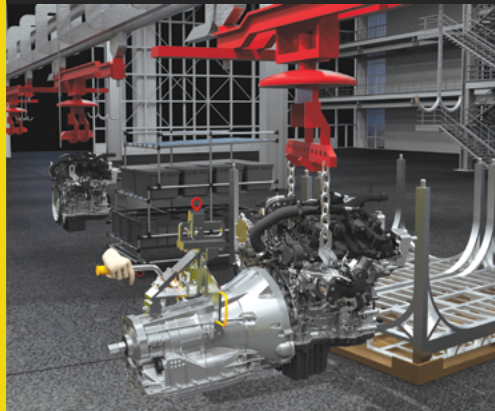


MINING AND METALLURGICAL  
SECTOR



SPECIAL  
SERVICES

## LEARNING OPTIONS



WORKING WITH  
EQUIPMENT



SAFETY  
TRAININGS



EMERGENCIES AND  
STRESS-TESTS



EXAMINING COMPLEX  
TECHNOLOGICAL PROCESSES

# AUGMENTED REALITY HELMETS

## THE VIRTUAL OBJECTS ARE APPLIED INTO THE REAL WORLD

Uses transparent screens that does not obstruct vision

## WORKS ON SITE AND IN THE FIELD

Provides safety and tools for indoor and outdoor work

## REAL-TIME INFORMATION UPDATES, TIPS AND ACTIONS

Boost productivity and safety with high-end solution

## SUPERVISE EMPLOYEES AND GIVE THEM INSTRUCTIONS

Senior engineers can watch how the workers are doing and give them instructions using AR technology

## MANAGE TEAMWORK IN A WHOLE NEW LEVEL

Communicate and collaborate using AR technologies and built-in cameras



## ● FEATURES



Complete solution  
created specially  
for company needs



Expandable  
modular system



Full-body  
tracking



Automated  
reports



Replay system to  
analyse trainings  
and work



## ● ABOUT US



The first in  
Kazakhstan, who  
started working with  
VR technologies



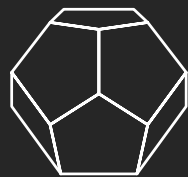
Over 5 years of experience  
in the area of virtual  
reality and interactive  
technologies



20 specialists with a background  
in Web and mobile  
development, production and  
game development.



Completed 8 large  
innovative projects



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