

VR TRAINING SIMULATORS



SINGULARITY LAB

PROBLEM

DESCRIPTION

DANGER TO EMPLOYEE LIFE AND HEALTH

2.3 MLN.

people die annually as a result of accidents at the workplace, which is an average of 6,000 people daily

340 MLN.

accidents and 160 mln victims of occupational diseases are registered annually



International
Labour
Organization

Estimated by the International Labor Organization (ILO)

LACK OF SAFE PRACTICES

After receiving the training certificates, the employee proceeds to the real equipment with instruction right away



COMPLEXITY OF CONDUCTING PRACTICAL CORRECTION WORK

| It is impossible to consider mistakes followed by death in professional work in practice



Confined space



Work at height

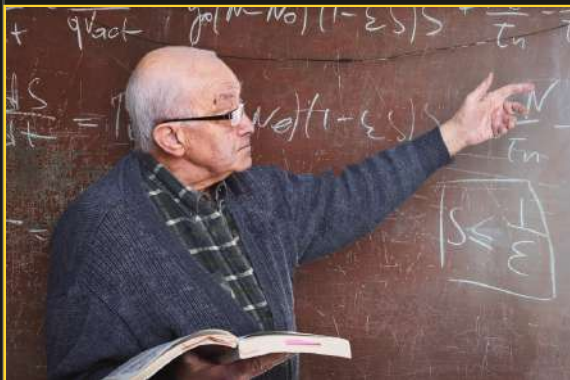


Fire hazard work



Operations

OUTDATED EDUCATION SYSTEM



The education system is outdated and needs an update



Boring and monotonous training does not allow a student to focus on obtaining information



The lack of real practice leads to a misunderstanding of the material and learning objectives in general

EXISTING

SOLUTIONS

Training sets



Multidisciplinary simulations



PC software, video tutorials

Так называемые умные цели (от англ. smart - умный) - это цели, которые удовлетворяют определенным требованиям.

- S** Specific - конкретная
- M** Measurable - измеримая
- A** Attainable - достижимая
- R** Relevant - актуальная / уместная
- T** Time-bound - ограниченная по времени

МЕНЮ

A woman with blonde hair, wearing a blue button-down shirt, is standing and presenting a white board with the SMART criteria. The board lists five points: Specific, Measurable, Attainable, Relevant, and Time-bound, each with a red square icon containing the corresponding letter. The background shows a window with a view of a city.

Training materials, training centers

Two workers in blue uniforms and blue hard hats are working on a machine. One worker is wearing yellow gloves and is focused on the task. The other worker is looking on. The background shows a workshop or training center environment.

УЧЕБНЫЙ ЦЕНТР ПО ПОДГОТОВКЕ БЕЗОПАСНОСТИ И ИНСТРУКТАЖУ

ПОВЫШЕНИЕ КВАЛИФИКАЦИИ

ОБУЧЕНИЕ ПРОФЕССИОНАМ

ПРОМЫШЛЕННАЯ БЕЗОПАСНОСТЬ (ПРОМБЕЗ)

УБЕДОВОЗМОЖНОСТЬ

БЕЗОПАСНОСТЬ И ОХРАНА ТРУДА (ОХОТ)

EFFICIENTLY

- Disciplinary simulations
- Training sets



OUR SOLUTION

HIGH PRICE

- Induction briefing

LOW PRICE

- Training centers
- PC software
- Training materials, videos

INEFFICIENTLY

OUR

SOLUTION

VR TRAINING SIMULATORS

This is a software and hardware set that allows to immerse a user in a virtual interactive environment and train them to work with complex equipment without danger to health and environment



BENEFITS



SAFETY

In VR, the user will not worry about their health and expensive equipment. However, the environment will allow them to make mistakes and learn from them



SAVING

No need to build a separate training ground with expensive training facilities. The VR allows to simulate any process and scenario



MOBILITY

The VR equipment is easy to install, use, and move to any convenient place



GAMIFICATION

The system of ranking and achievements increases the efficiency of training. The process of studying the material will become more interesting, exciting and responsive to the user

FIELDS OF USE



General
education

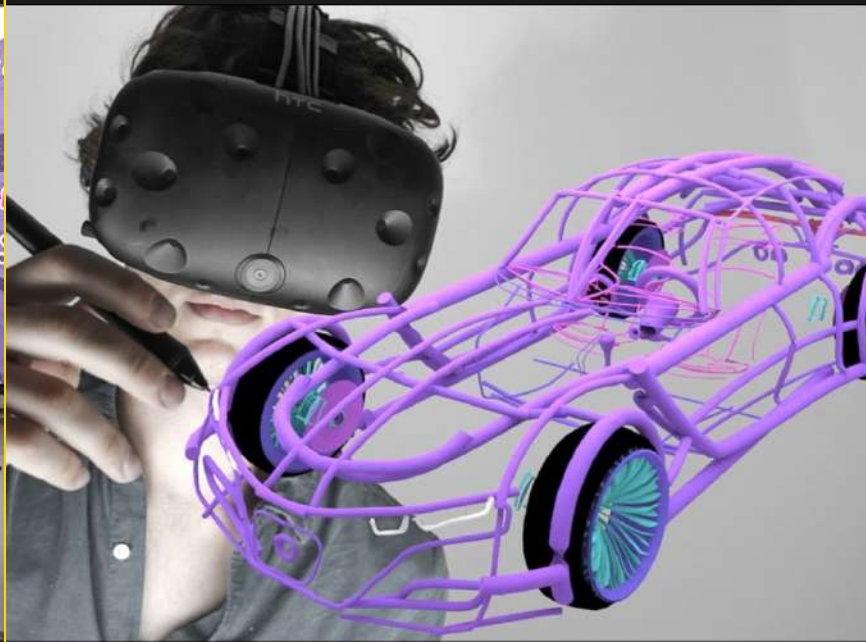


Marketing

Professional
education



Design



OUR

PRINCIPLES

STAGES OF COOPERATION



Free

Project
discussion

Budget
definition

Approval and
adjustment

Contract
signing



Drawing up
technical
specifications

Project
development

Implementation
and support

OUR MAJOR PROJECTS



IT Center in the children's
center Digital Urpaq,
Petropavlovsk

2017

2018

PC/VR game JetX



Interactive museum Balgimbayev
Development and Communications
Center

2019

OUR TRAINING SIMULATORS

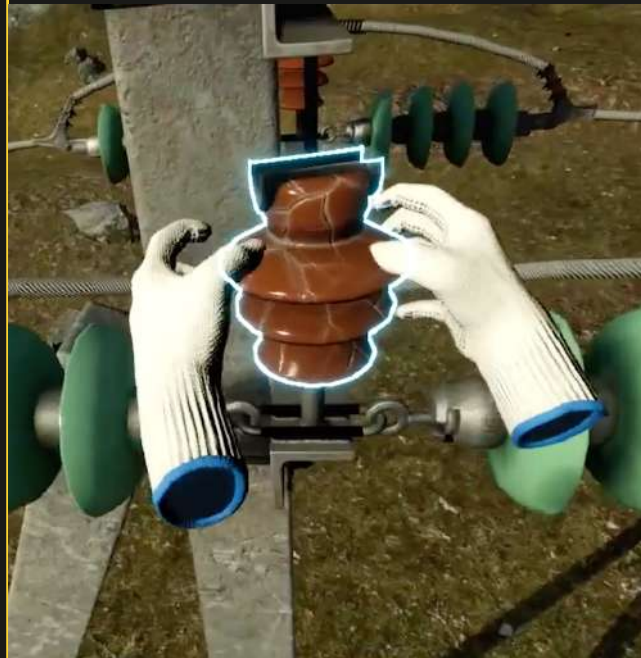
2018

VR simulator for the oil and gas industry



2019

Insulator replacement training for Samruk Energy



2020

Gaging gas separator operator simulator for the counter maintenance for Munaitelekom



OUR

EQUIPMENT

MASS SEGMENT MOBILE SOLUTION



PROFESSIONAL EDUCATION FULL IMMERSION SYSTEM



VR helmet, controllers
and tracking sensors



Tracking suit

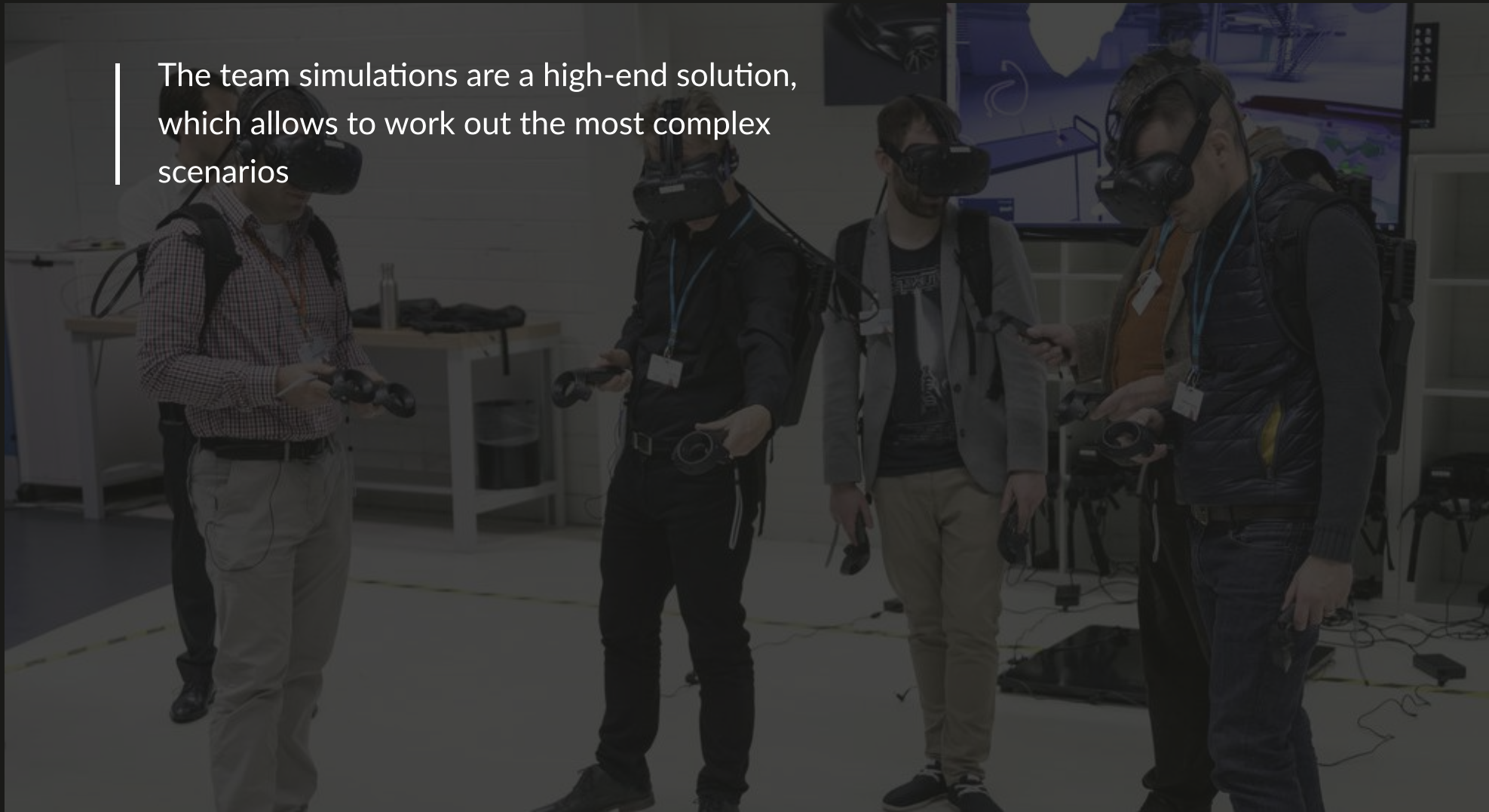


Wearable or stationary PCs

REAL-TIME

MULTIPLAYER SIMULATIONS

The team simulations are a high-end solution, which allows to work out the most complex scenarios



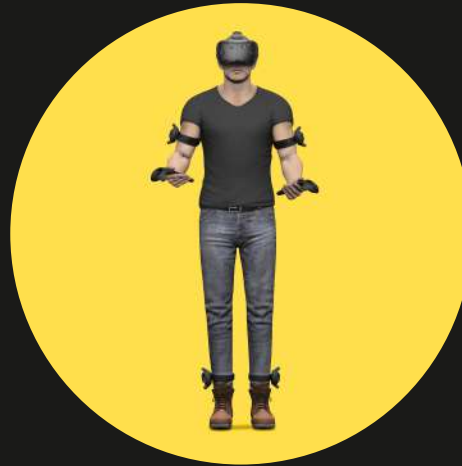
SPECIFICS



A complete solution
designed specifically for
the needs of the company



Playback system for
training and work analysis



Full body tracking



Expandable modular
system



Automated reports

ABOUT US



The first company in Kazakhstan to start working with VR technology



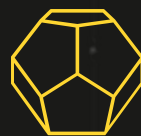
20 professionals with a background in web and mobile development, production, and game development



7 years in VR and interactive technology



10 major innovative projects implemented



SINGULARITY LAB

CONTACTS



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