

VR simulator for power industry engineer staff trainings



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VR simulator for power industry engineer staff trainings

We create VR and computer graphics-powered training solutions for safe working at industrial enterprises.

Our team of **20+** professionals provides end-to-end services, from methodology development to product implementation.

WE HAVE COMPLETED 60+ PROJECTS FOR RUSSIAN AND INTERNATIONAL CUSTOMERS, INCLUDING

GAZPROM NEFT, SIBUR, MOSOBLGAZ, ROSATOM, GAGARIN RESEARCH&TEST COSMONAUT TRAINING CENTER, GE HEALTHCARE, DELAVAL, ETC.

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What we do

We help companies to reduce risks of production shop downtime, accidents and emergencies.



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How we do it

We digitize technological processes, plants, and entire industrial enterprises, create VR simulators, design and outfit training rooms, and integrate ready-to-use products with personnel training process.



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How we achieve this

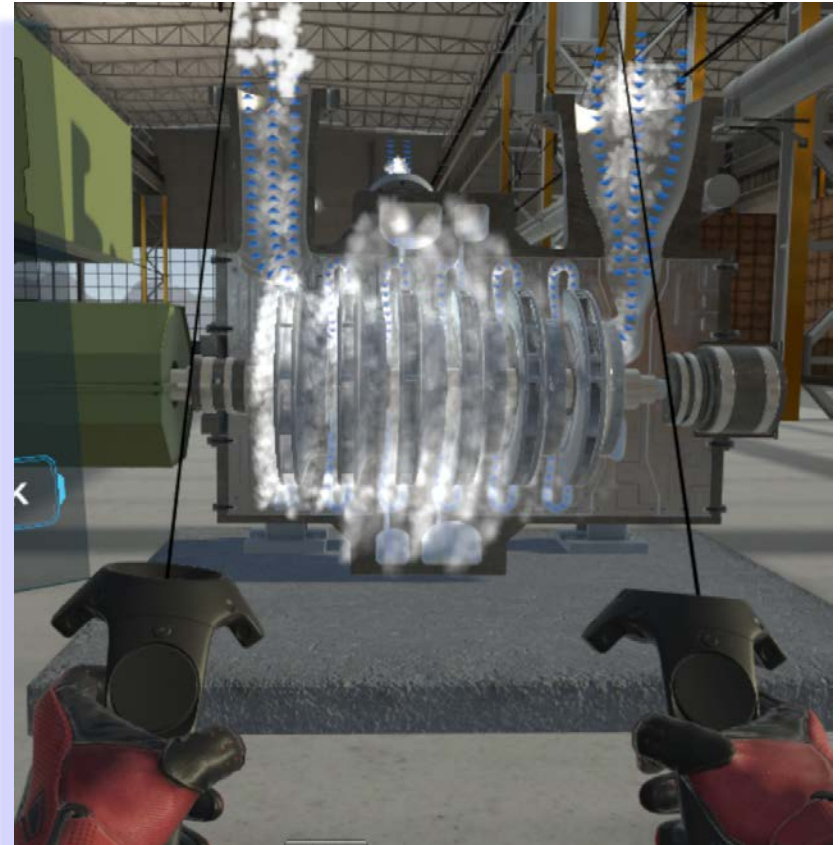
We minimize human error by practicing scheduled maintenance and emergency activities in a safe environment.



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VR Simulator

A hardware-and-software suite of interactive visualization tools with a set of training, hands-on, and testing scenarios to develop and improve professional skills and knowledge in a virtual environment.



Work site simulator

- A virtual copy of a work site, equipment, tools, and personal protective gear, including even employee avatars
- Logic simulation along with visualization of technological processes and operations



Training and testing modes

Training mode provides prompts during work performance and access to supporting materials.

During the testing mode, correct and incorrect actions are logged for further skill evaluation.



Instructor's workstation

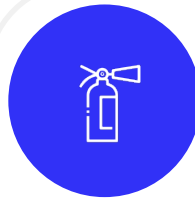
- Assignment of training scenario and a role to a trainee
- Scenario management and event sequence editing
- Session video recording for detailed analysis



Training solution components

VR trainings

Visualized production processes with training and testing modes being available

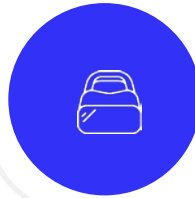


Integration with enterprise IT systems

Enterprise training systems, information security, and enterprise data transfer systems

Equipment and infrastructure

Designing and outfitting training rooms



Personnel briefing

Training in the using of VR hardware and software

Use cases



Introductory
briefing



Acquiring and practicing
operation and maintenance
skills



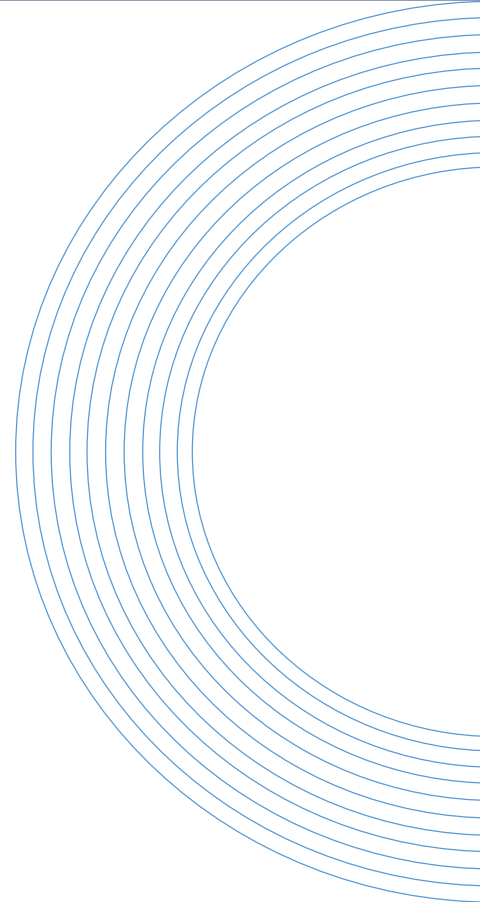
Acquiring and practicing
repair skills



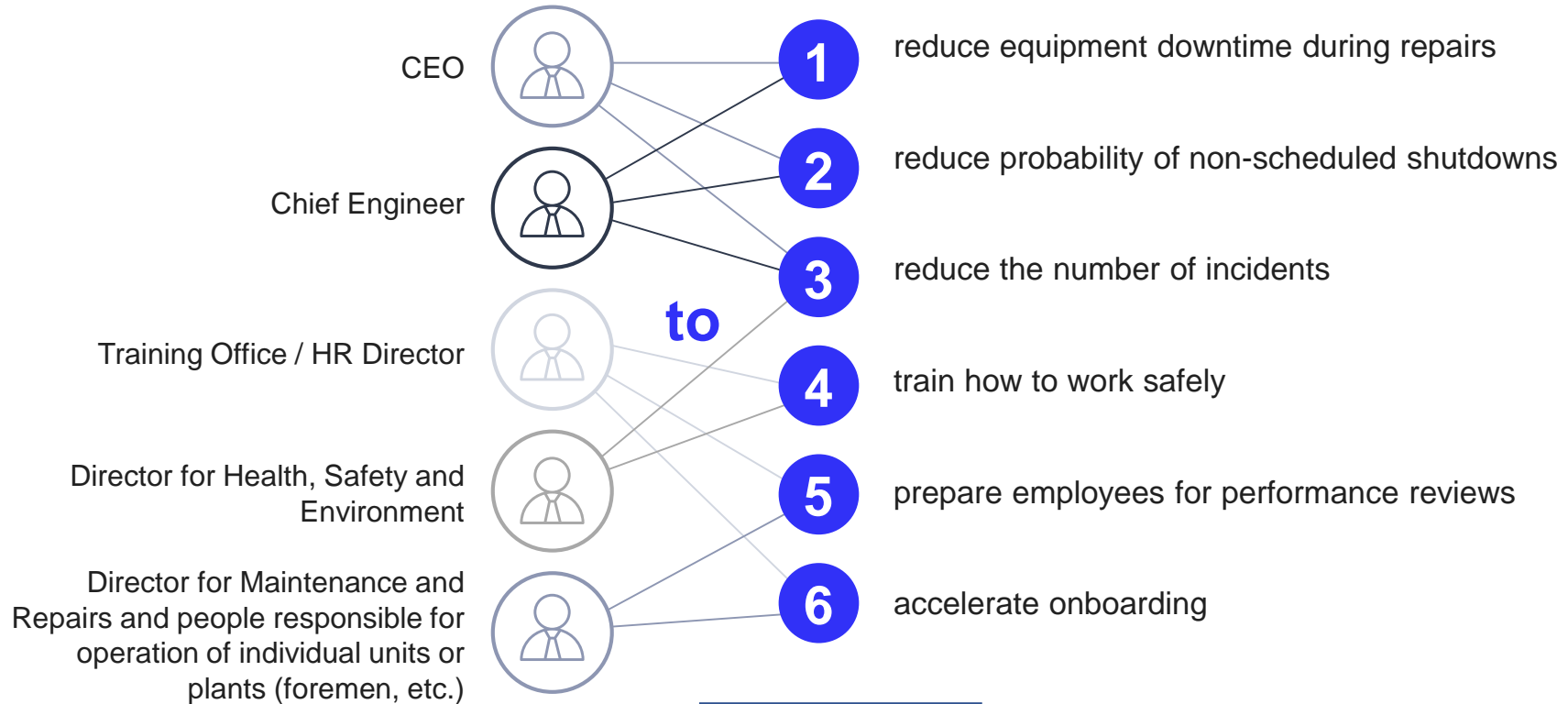
Practicing an Emergency
Response Plan

VR simulator is the right choice when:

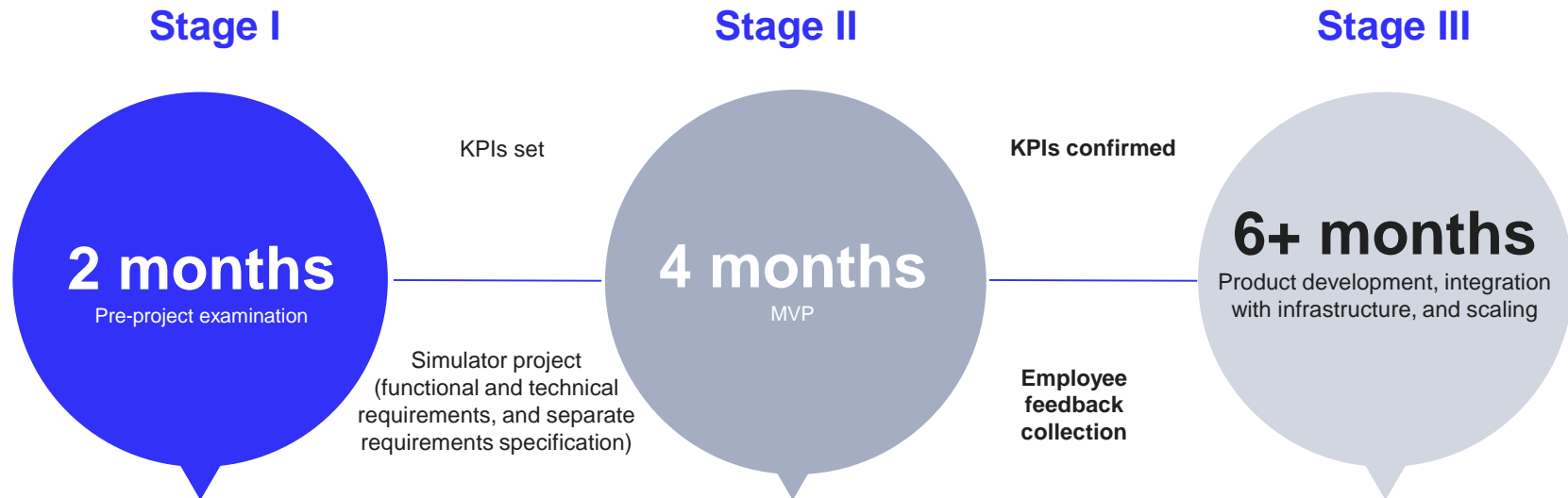
- Technological process may not be interrupted
- No personnel training tools are available
- Physical simulator is too expensive
- Collective training is required
- Situation is hard to simulate in real life
- Deep analysis of employee actions is required
- Employees have multiple choices



Who can use VR simulator and what for



VR simulator project roadmap



Thank you for attention!

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