

Future Technologies

Virtual Reality for HSE (Health, Safety & Environment)

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Letter from CEO



Thank you for your interest in the services provided by Future Technologies Ltd.

We are honoured to share with you the detailed information regarding our services, technical abilities and options for customization of our products.

Should you need any further clarification, please, do not hesitate to contact our team.

Hope you will enjoy the reading, and we are looking forward to your feedback.

Sincerely,
Slava Babienko
CEO

Future Technologies

is a studio specializing in the creation of **VR (Virtual Reality)** content for HSE.

During our work and research in the field of VR, we have built a unique experience in creating **professional VR simulators**.



All our software developers have a **bachelor or master degree** in Architecture / Civil engineering & Construction, which helps them to re-create all types of buildings of any size and complexity.

The world researches

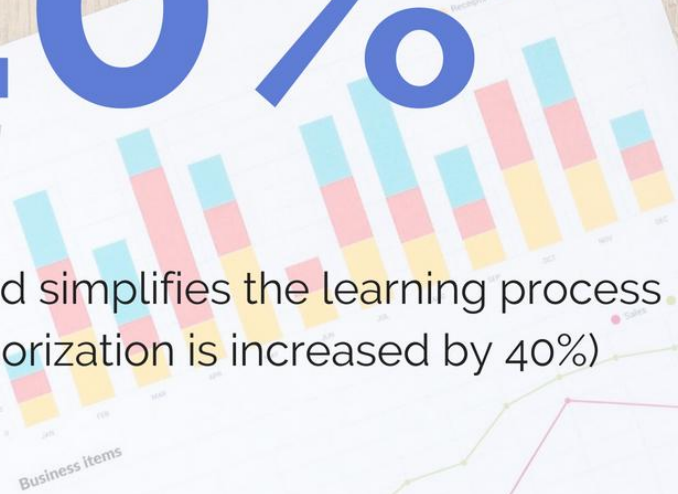
proved that the implementation of VR solutions for training employees' skills:

40%

- improves and simplifies the learning process
(data memorization is increased by 40%)

- achieves significant results in saving both
company's assets and people's lives

Our Company



EXPERIENCE

POSITION TITLE

Start description of the responsibilities

POSITION TITLE

Start description of the responsibilities

POSITION TITLE

Start description of the responsibilities



AMANTHA SLACK
Sales Director

PHONE
EMAIL
WEBSITE
SKYPE



EDUCATION
UNIVERSITY OF LONDON, UK
SEMESTER
GRAPHIC DESIGN CREDIT
LEADER OF THE GROUP

SKILLS

PHOTOGRAPHY

INDEXING

TIME KEEPING

ORGANISATION

REFERENCES

ELIOT BROWN

ELIOT BROWN

Our Customers

Our customers are the companies calling for a high level of occupational health and safety



Chemical Industry



Petrol Stations



Corporate Sector



Oil & Gas

Ways of applying VR for HSE

LEARNING THROUGH ACTION

(equipment handling, mode of mechanisms studying, etc.)



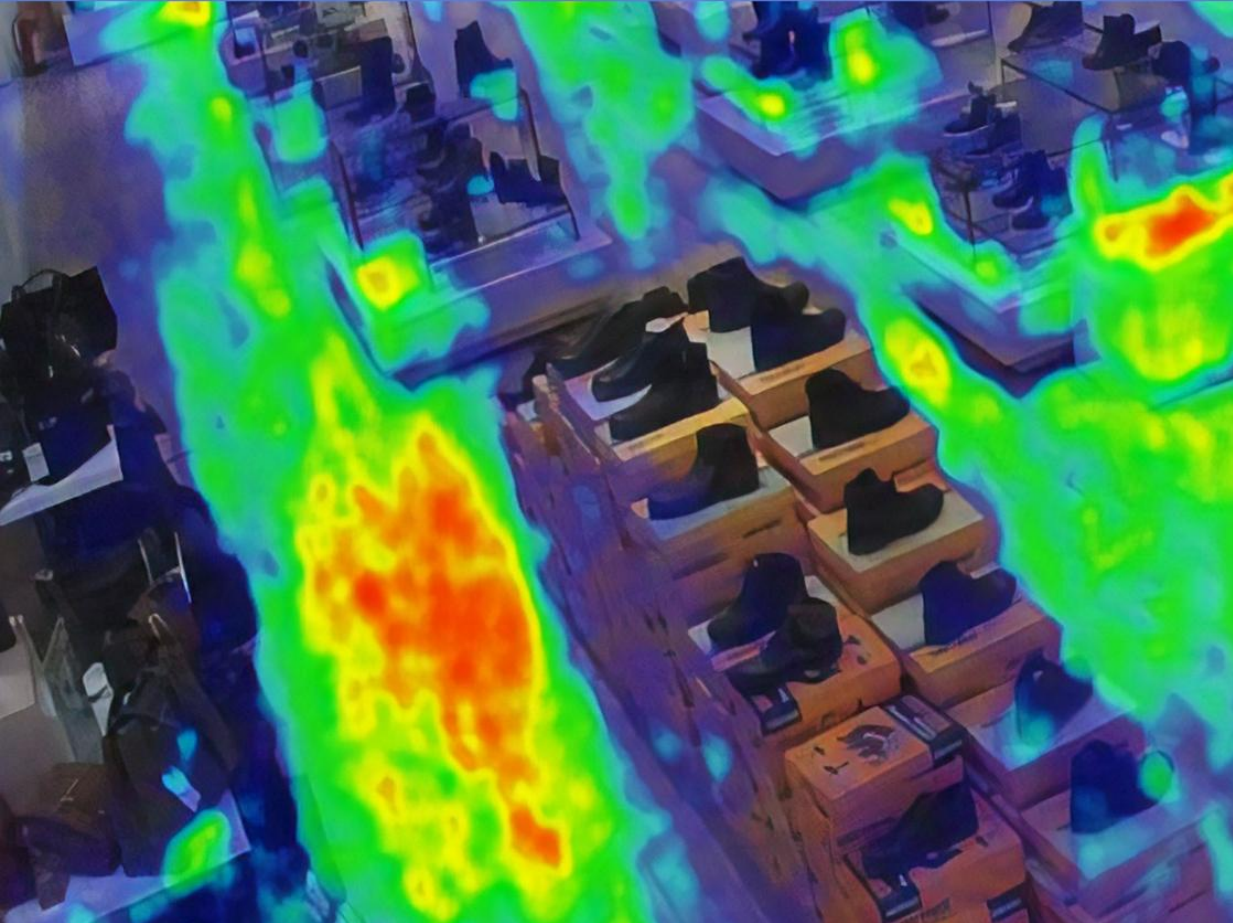
Ways of applying VR for HSE

EMERGENCY DRILL

(staff's actions training in case of fire or smoke, toxic leak, attack, power/supply failure, etc.)



Ways of applying VR for HSE



OBJECTS EXPLOITATION

(traffic flow passing ability at narrow junctions, entrances or exits;
exterior/interior selection option implementation; retail space virtual exploitation, i.e. passes width and work space layout assessment for both the staff and the customer)

Ways of applying VR for HSE



HUMAN BEHAVIOR ANALYSIS

(focus groups) and “bottleneck” identification in places of mass gathering, e.g. shopping malls, exhibitions, etc.

When immersed in an Emergency Situation in VR, a person's mind experiences the same level of stress as if the emergency was real.

Case Study: Fire Escape Simulator

Case Study: Fire Escape Simulator

Scenario: behavioral sequence in case of emergency, learning and training.

LEARNING MODE

emergency simulation

+

virtual assistant (audio or video)
who instructs the User.

Conditioned reflex is fixed up.

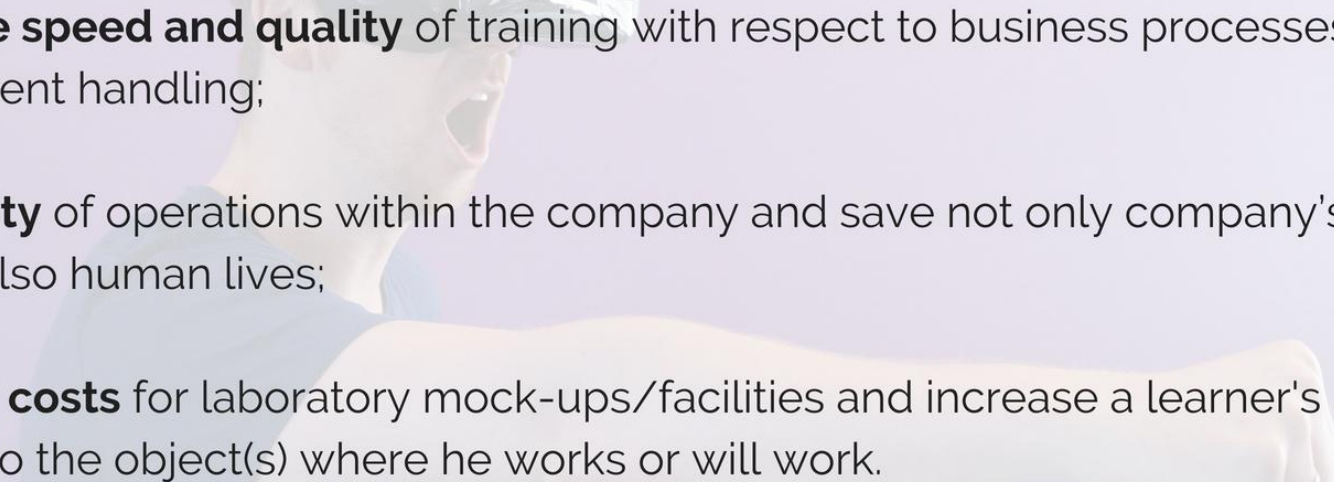
TRAINING MODE

emergency simulation

+

after the course you obtain the
statistics of right and false
actions of a particular trainee.

Thus, Virtual Reality training modules for HSE allow to:

- **Improve the speed and quality** of training with respect to business processes and equipment handling;
 - **Ensure safety** of operations within the company and save not only company's assets but also human lives;
 - **Reduce the costs** for laboratory mock-ups/facilities and increase a learner's adaptation to the object(s) where he works or will work.
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