



Flexibility becomes Reality

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AGENDA

Flexibility becomes Reality



About Us

Introduction BlueTea



Why?

Reason to develop



How!

Flexible solutions



What.

Realistic simulations and games



Q&A and Demo

Our company

Efficient knowledge transfer

1

Privately owned

2

Intelligent software development

3

Realistic virtual training

4

Making 3D smart

5

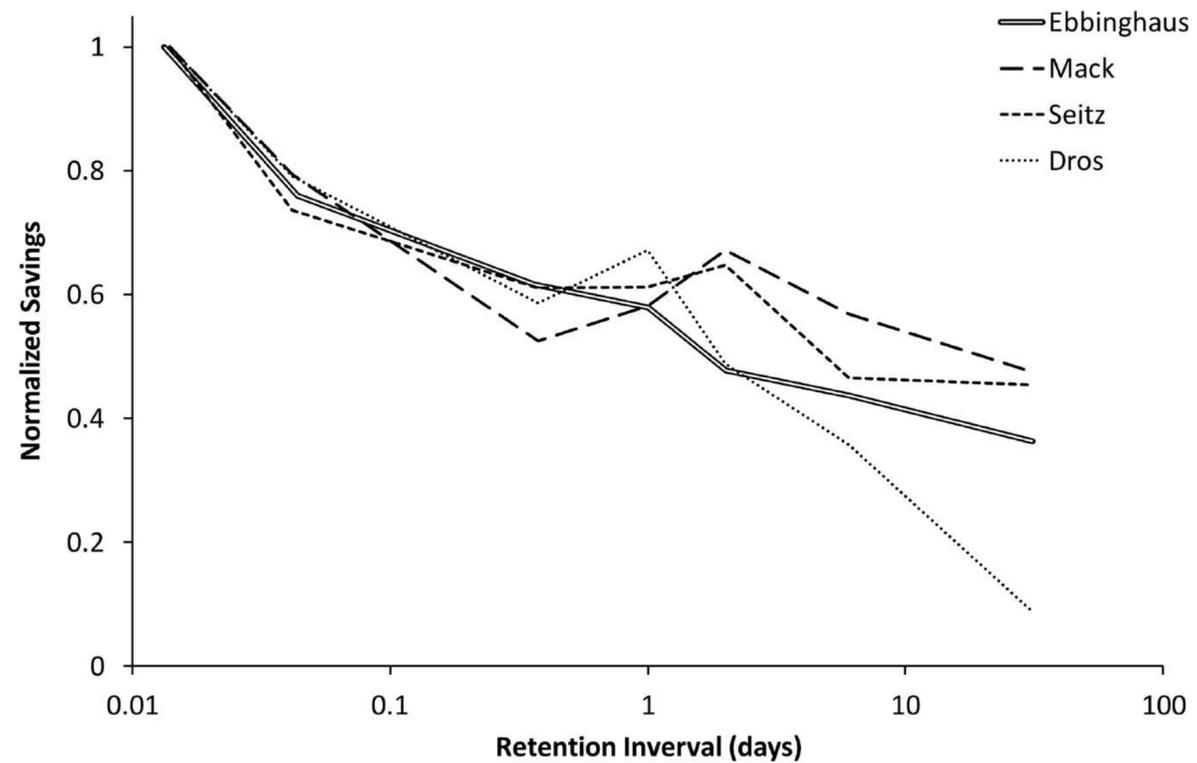
Close to practice



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Why?

The need-driven solution



We strongly believe in the **effectivity** of **Virtual Simulation** and **Serious Gaming**

Training is evident for knowledge transfer and knowledge retention. Training close to practice has proven to be extremely efficient and effective, but the practical environment also has challenges to overcome. These are in direct relation to the physical environment and when replacing this practical environment by a synthetic environment these challenges can easily be conquered.

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Effective!

Virtual simulations and Serious gaming



Make mistakes

Effective learning is about the ability to learn from mistakes, without getting hurt along the process



Break things

A positive effect on knowledge retention does not only come from making mistakes, but also breaking things results in a positive learning experience



Safe

Besides, making mistakes and breaking stuff the training environment should be safe. Especially virtual simulations and virtual serious games comply to that



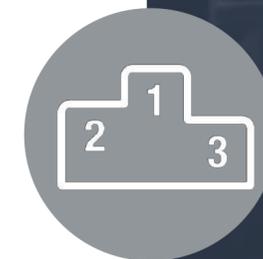
Availability

Virtual Simulations and Serious games do not rely on location, time and access. Being virtual also means being available at all times and any place



Unambiguously and consistent

Without human interference, Virtual Simulations and Serious games always tell the same story and tell it consistently



Challenging

Challenge is in the core of our being. We always want to get better. Using this effect is called gamification which challenges the trainee to continue and get better

How? Tip 1

Intensive cooperation leads to recognizable, usable and accepted training tools



Agile development

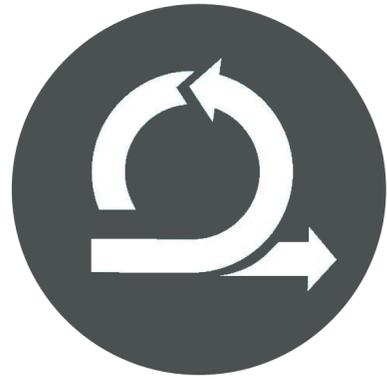
Realistic 3D environment

User focused

Flexibility throughout

Agile development

Scrum based approach



Scrum

Short iterations in development lead to better results and efficient product development



Short iteration

Weekly or bi-weekly iterations keep the customer aligned with the development, constantly matching need, expectation and result



Happy customer

Keeping the customer aligned and a critical part of the development matches expectation and result leading to recognizable solutions



Result

Short iteration time, customer expectation management and small steps lead to the expected result, at all times

How? Tip 2

Strong resemblance with the real environment



Realistic 3D
synthetic
environment

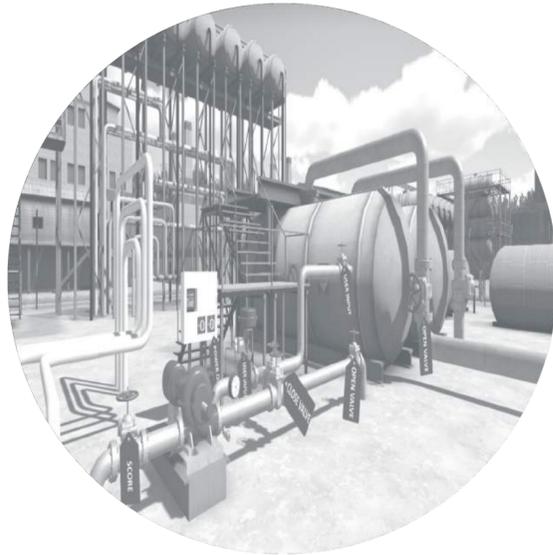
The closer we get to practice, the higher the knowledge retention effect. By creating a 3D world that resembles the real practice, the trainee will relate to that and will recognize comparable situations in real life.

How? Tip 3

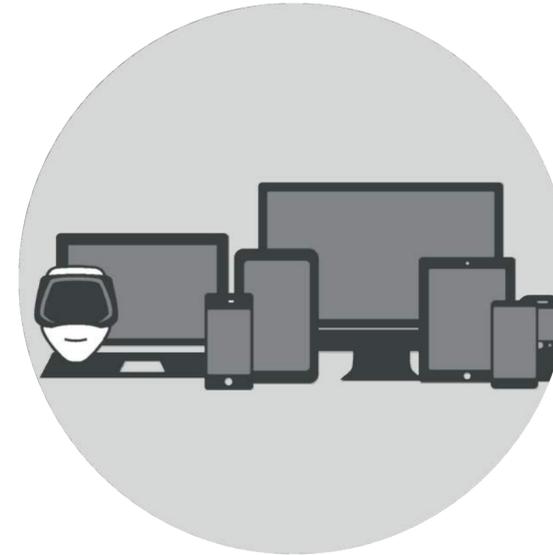
Stay always flexible



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Step 1: Create 3D

The real world is represented by a realistic synthetic environment, used from CATIA, stores or self created models

Engineering/ 3D specialist

Step 2: Add interactivity

The solid state models require interaction for realistic use during training

Engineering/3D specialist

Step 3: Deploy

The interactive synthetic world (simulation) can be deployed to any device e.g. VR – AR – MR - Mobile Desktop – Online

Automatically generated

Step 4: Create scenarios

After the simulation environment has been deployed the scenario's can be built and instantly pushed to the simulation

SME/training developer

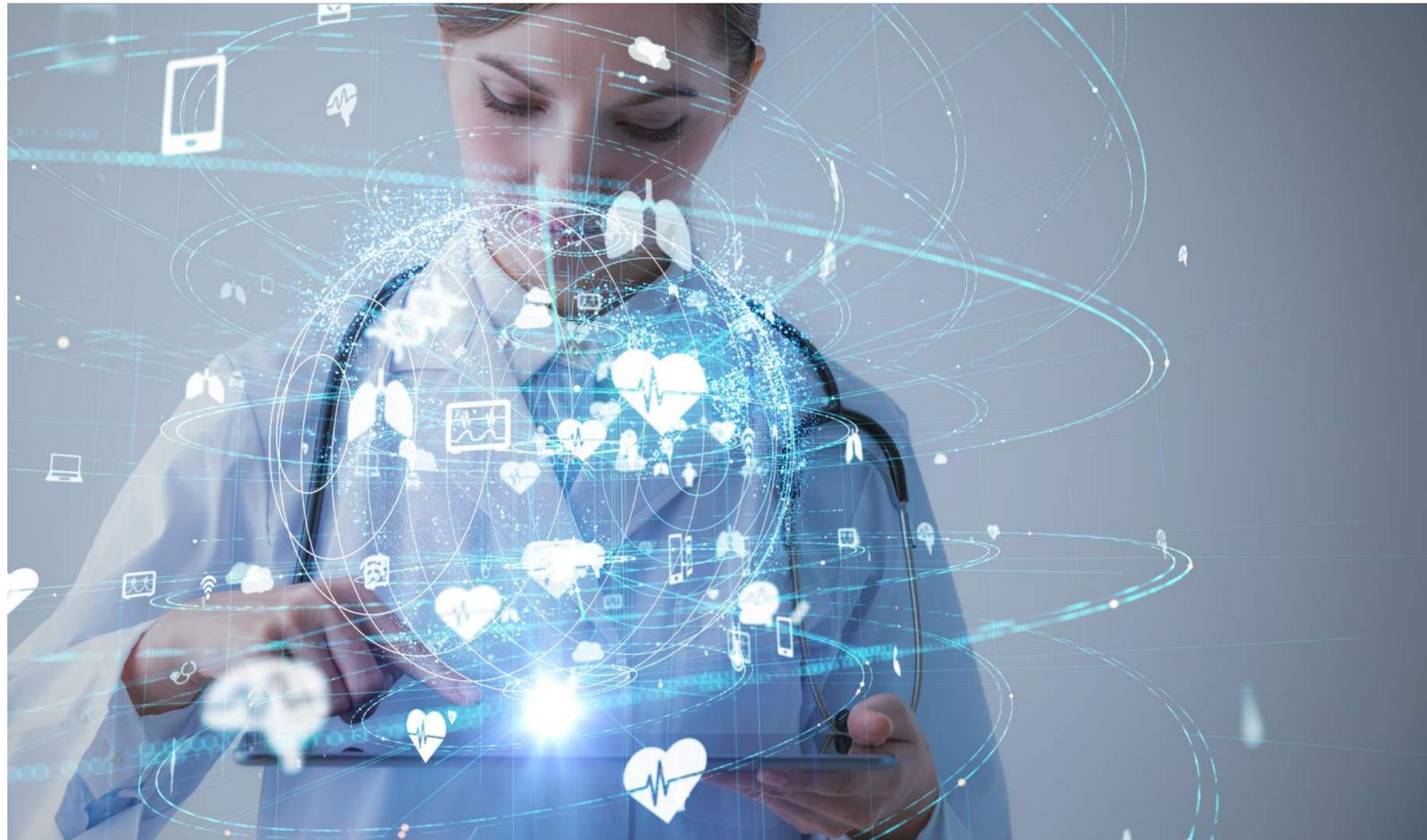
How? Tip 4

Use roll based scenario's



What.

Creating “experience” through realistic simulations and and gaming



Virtual Reality

Augmented Reality

Mixed Reality (Hybrid)

Serious gaming & gamification

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Device trainer (powered by VirtualStudio®)

Interactive manual using Augmented Reality





Questions & Demo

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