SALT VISUALS

VISUAL ENGINEERING

LET THE GAMES BEGIN

Boulder Removal

REMOTE CONTROLLED GRABBER

Seabed
(SAND)

BACKGROUND

DIGITALISATION

The push towards digitalisation has never been stronger. Our industry lags behind to some extent, but people are increasingly more receptive to new technologies. There are huge rewards to be picked by those to bet early on winning technology.

GAMIFICATION

On the cutting edge of digitalisation, gamification is a digital strategy to achieve higher engagement and motivation levels from workers in their tasks; by mimicking user experiences similar to the ones enjoyed while playing digital games.

VISUAL ENGINEERING

Visualise, interact, share, train, test.

Blending your company's world-class engineering services with emerging gaming technology, we have developed a game-changing product.

Visual Engineering enables higher engagement for all stakeholders in your business, leading to significant efficiency gains.

Are you ready to level up?

Imagine replacing endless hours reviewing and discussing dozens of operational documents, with one team session around a computer game showing your complete operations.

IMMERSIVE GRAPHIC WORLD

Engineering is best expressed in numbers, but most humans are far better comprehending things they can see.

Visual Engineering makes complex engineering operations instantly understandable to all types of stakeholders.

›› Full visual modelling of asset and infrastructure
›› Fully navigable and interactive
›› Low cost to generate

MULTI-PLATFORM

We can develop these applications for their use across multiple platforms.

ABILITY TO INTEGRATE

Our Visual Engineering environments can be integrated with a myriad of different engineering applications, cloud solutions, and real-time data sources.

APPLICATIONS ARE ENDLESS

We can help you achieve your goals by developing high quality, custom tailored experiences for any application.

AREAS OF INTERVENTION

- ✓ DESIGN
- ✓ ENGINEERING
- ✓ RISK ASSESSMENT
- ✓ TRAINING
- ✓ MARKETING
- ✓ SALES

Attach documents, comments, links, photographs, and much more.

DETAILED ANIMATIONS & INTERACTIVE APPLICATIONS

Visualise and share engineering challenges

Gather all your teams around a common vision of the project. Use it to inform better discussions and faster decisions.

Simulation of operations

Simulate all steps of complex offshore operations. Include variables such as time, weather, and daylight.

Workshops and risk assessments

Centralise all your operational documents in your Visual Engineering platform, and run HAZID, HAZOP and other risk studies, remotely.

Training and familiarisation of crews

Maximise the power of gamification to train all staff in their specific roles for upcoming operations. Create safety drill games.

External communication and sales

Communicate your project with external stakeholders and clients with unprecedented quality and clarity.

UNRIVALLED ENGAGEMENT

Gamification enables you to achieve the highest levels of engagement and knowledge retention from your audience.

It also reduces the time it takes for multiple stakeholders to review the same documentation, enabling your teams to spend more time doing value-adding tasks.

KEY STATISTICS

Sources: TalentLMS, eLearning Learning, EHSToday

83%

Of employees who undergo gamified training are more motivated at work

30%

Increase in knowledge retention if presentation is accompanied by images, infographics, and other types of visuals
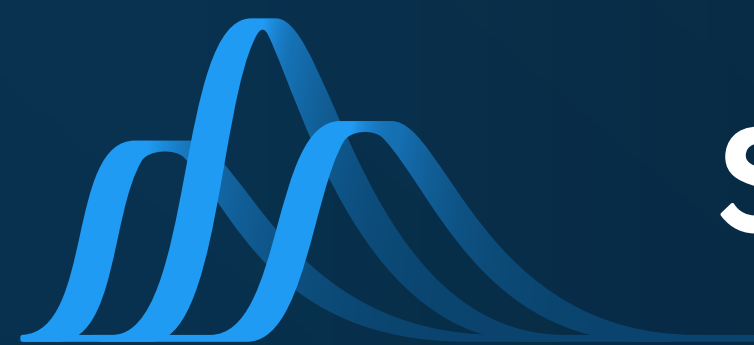
50%

Improved productivity because of gamification training features

Are you ready level up?

SALT VISUALS

Comparing a traditional 3D Animation Video with a Visual Engineering Application

FEATURES	3D ANIMATION VIDEO	VISUAL ENGINEERING APP
Detailed step by step operations.	✔	✔
Realistic 3D environment, including sea surface, seabed, sky, lighting, vessel textures and details.	✔	✔
Written description of operations, highlights, leaders, dimensions, and labels.	✔	✔
Ability to change weather conditions, daytime/ night time, and water transparency.	-	✔
Control over the speed of playback, pause, and repeat sections.	Limited	✔
Freely navigate the 3D space as operations occur, and observe them from any point of view, angle, and distance.	-	✔
Interactivity that allows users to participate and influence the operations	-	✔
Actively promoting collaborative thinking and dialogue	-	✔
Engagement of audiences through immersiveness and interactivity	-	✔

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VISUAL ENGINEERING

Revolutionising the way companies work

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