

Dear Sir or Madame,

I would like to inform you that our company STTA has been selected by the Ministry of Economy of the Slovak Republic to represent the Slovak Republic at the EXPO in Dubai in the field of „Knowledge & Learning“.

Therefore, I would like to invite you to individual meeting during the thematic week "Knowledge & Learning" from 11.12.2021 - 17.12.2021 to present interactive EdTech VR multiplayer solution for education institutions and discuss opportunities to cooperate.

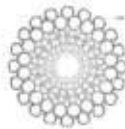
In case you are interested in coming to our workshop, please let me know. The workshop will take place during the week "Knowledge & Learning" at the EXPO in Dubai in the Slovak pavilion on 17th of December 2021 at 11:00am.

Please confirm which day would suit you for the meeting from 11.12.2021 - 17.12.2021 and whether you are interested in coming to the workshop, by replying to the e-mail matus.holesa@stta.eu

Best regards,



Jaroslav Holeša, Chairman of the Board



EXPO
2020
DUBAI
UAE



SLOVAK
PAVILION

3D COM EDU

3D COM EDU



INTRODUCTION

Today's education cannot attract young people.
We need to enter their world and speak their language.
This is exactly what 3D COM EDU offers.

Digitization connects traditional education
model with virtual reality technology and combines
theory with experiences.



3D COM EDU

EDUCATION USING VIRTUAL REALITY



The combination of theory and visualization with interaction in virtual reality ensures a more effective memorization of the curriculum.

The use of virtual reality ensures that the student focuses as much as possible on his task, which can forever change the way we learn.

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STUDENTS REMEMBER MORE THAN 80% OF CONTENT

What city would you like to visit?

What does it look like on the moon?

Or Mount Everest?

How does photosynthesis work?

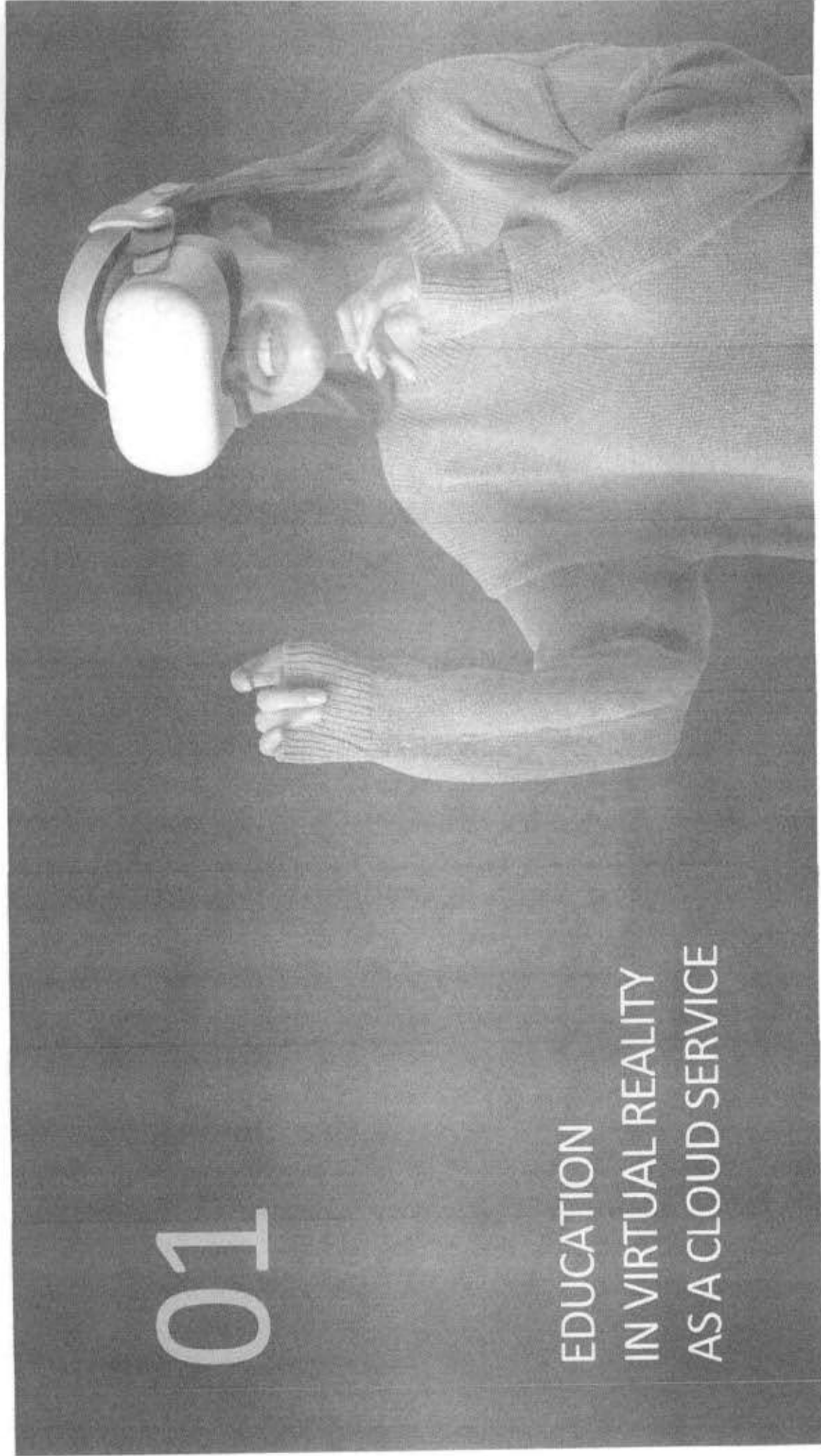
Learn with emotion
and understand the curriculum
once and for all.



3D COM EDU

01

EDUCATION
IN VIRTUAL REALITY
AS A CLOUD SERVICE



EDUCATION IN VIRTUAL REALITY AS A CLOUD SERVICE

3D COM EDU is a comprehensive educational ecosystem using virtual reality. There are no limitations for our system.

There is no need to build infrastructure in educational institutions, children or students may connect to the cloud service at work or at home if they have their own set for virtual reality.

The cloud service allows you to conveniently connect whether you are at home or at school. With the advent of 5G networks, this content will no longer be limited to a fixed optical Internet connection.

Virtual reality kits are expected to become more affordable with Full HD, 4K, 3D content towards virtual reality.

3D COM EDU ECOSYSTEM

3D COM EDU Creator & Launcher

3D COM EDU Communicator

3D COM EDU Server

3D COM EDU Cloud Storage

3D COM EDU Web & Online Store

3D COM EDU Ecosystem can be used by children and students from kindergartens to universities, but also by employees of state administration and commercial entities.

3D COM EDU

3D COM EDU CREATOR & LAUNCHER

A system that allows you to create and run a virtual classroom using interactive, custom environments, regardless of whether you are placing simple notes or complex 3D models.

Adding 3D models is intuitive and easy to use, so the teacher can do it himself.

It is possible to place files,
such as

3D models	Images
360° videos	PDFs
360° photos	Web links
After Effects	YouTube videos
Sounds	and others

We provide full technical support
and training.



3D COM EDU COMMUNICATOR

Group training is more fun.

One virtual classroom can contain up to 20 users, providing a sense of presence in the classroom, as users can see each other and communicate with each other.

The team can work on interactive tasks without restrictions.

3D COM EDU

PRODUCT DESCRIPTION

3D COM EDU's virtual classroom is a great enrichment of traditional teaching. It offers a whole new perspective on the learning process and fundamentally expands the possibilities of presenting knowledge. Students in the classroom penetrate the three-dimensional models of machinery, equipment and organisms in an attractive but intuitive way, revealing their essence and the principle of their operation. During the lesson, students get to know virtual models, touch them and move around the virtual room as if they were physically present in the classroom. In doing so, they can rotate, zoom in and out as needed.

build custom 3D environments and animations

break down models into parts or fold them according to the instructions

use tools similar to reality when working with models

measure distances and angles

solve predefined tasks or answer prepared questions

communicate with the teacher and using writing, voice and gestures with each other

PRODUCT DESCRIPTION

The 3D student module is able to play the created lessons and log in to the system environment. Currently, more than 300 field lessons are created in the system.

Foreign languages	Biology	Wood production
Physics	Chemistry	OSHA
History	Road transport	Health
Geography	Plumbing	Electrical and Information Technologies

In a few minutes, the teacher can create a virtual classroom or choose one of model classrooms and manage the course of the lesson. It is possible to place 3D models, videos, audio files, WEB pages, textbooks and tests in the classroom. A total of more than 20,000 FBX models are currently available on the system. The teacher can create textbooks and tests as needed with a simple and intuitive way. In tests, a student can answer questions, answer by picture or video, or perform a prescribed action with a 3D model. The creation of lessons and content environments is provided by the 3D teacher module. At the same time, it attaches the rights of access for users to created parts. The created lesson and the environment for it are stored in the content database, which is then accessible to the 3D student module. The program also includes access to a statistical model for automatic evaluation of various activities of students and the system.

02

3D COM EDU WEB
& ONLINE STORE





“

I NEVER TEACH MY PUPILS. I
ONLY ATTEMPT TO PROVIDE
THE CONDITIONS IN WHICH
THEY CAN LEARN.

Albert Einstein

3D COM EDU WEB & ONLINE STORE

On website customer can choose from 320 different sections of individual school subjects for primary and secondary schools, which can also be used for other types of classes and customize them in 3D COM EDU Creator.

The client can use the sections and adapt them to his needs or use the possibility of assembling 3D objects into units in puzzler.

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THANKS TO YOUR CALLS

Miloš Mrovčák
CTO

Matuš Holeša
COO

THANKS TO YOUR CALLS

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