



VFX portfolio

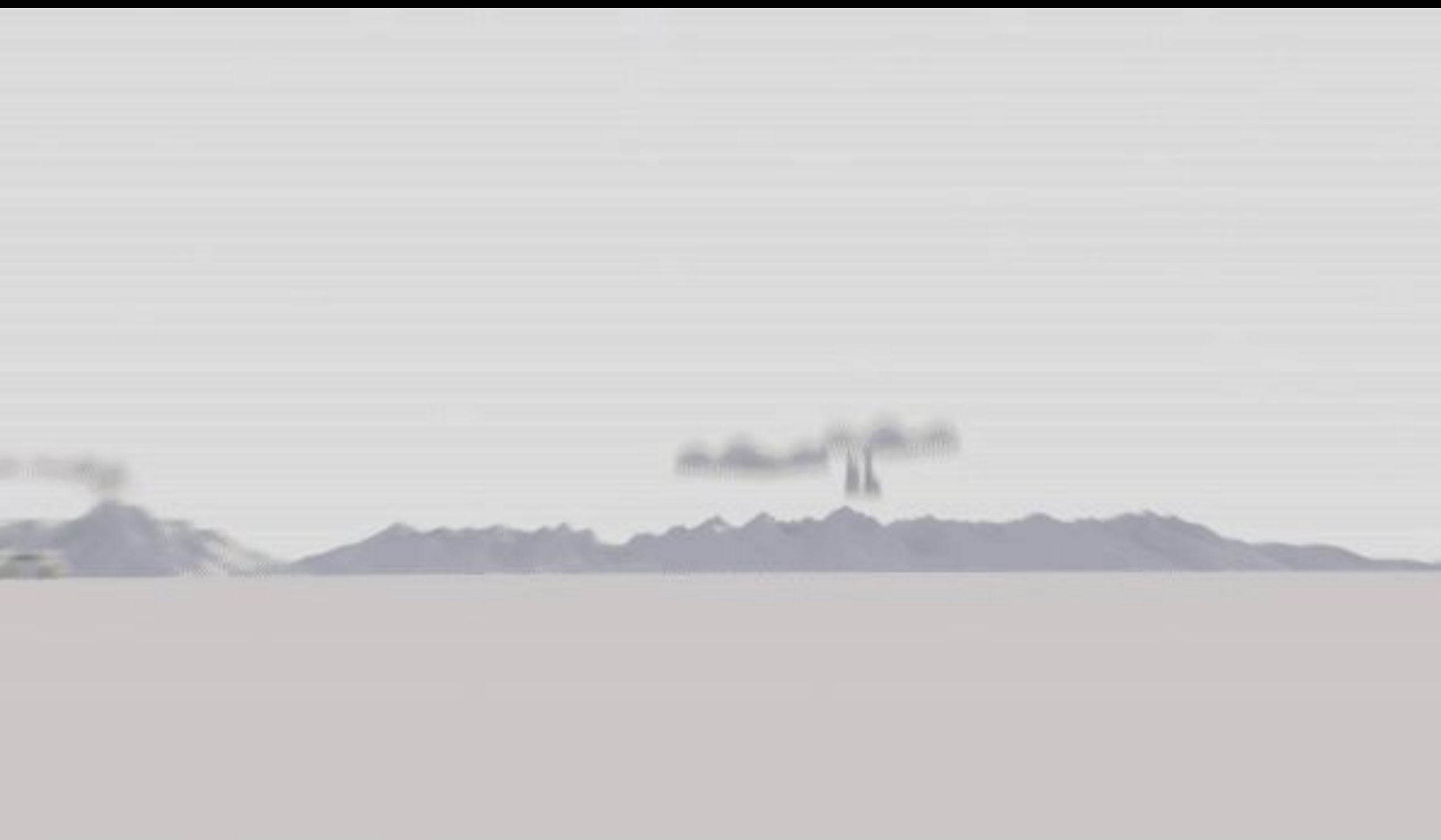
ALIEN STUDIO

ALIEN Studio is a 3D animation and VFX studio specializing primarily in photorealistic animation for advertising and film. Over two decades of operation, we have produced many successful campaigns, earning numerous prestigious awards. These include the Art Prix for visual contribution to Slovak advertising, Best 3D Film at the Cannes Corporate Media & TV Awards, a Golden Nail in the Craft category, among others.





3D environments



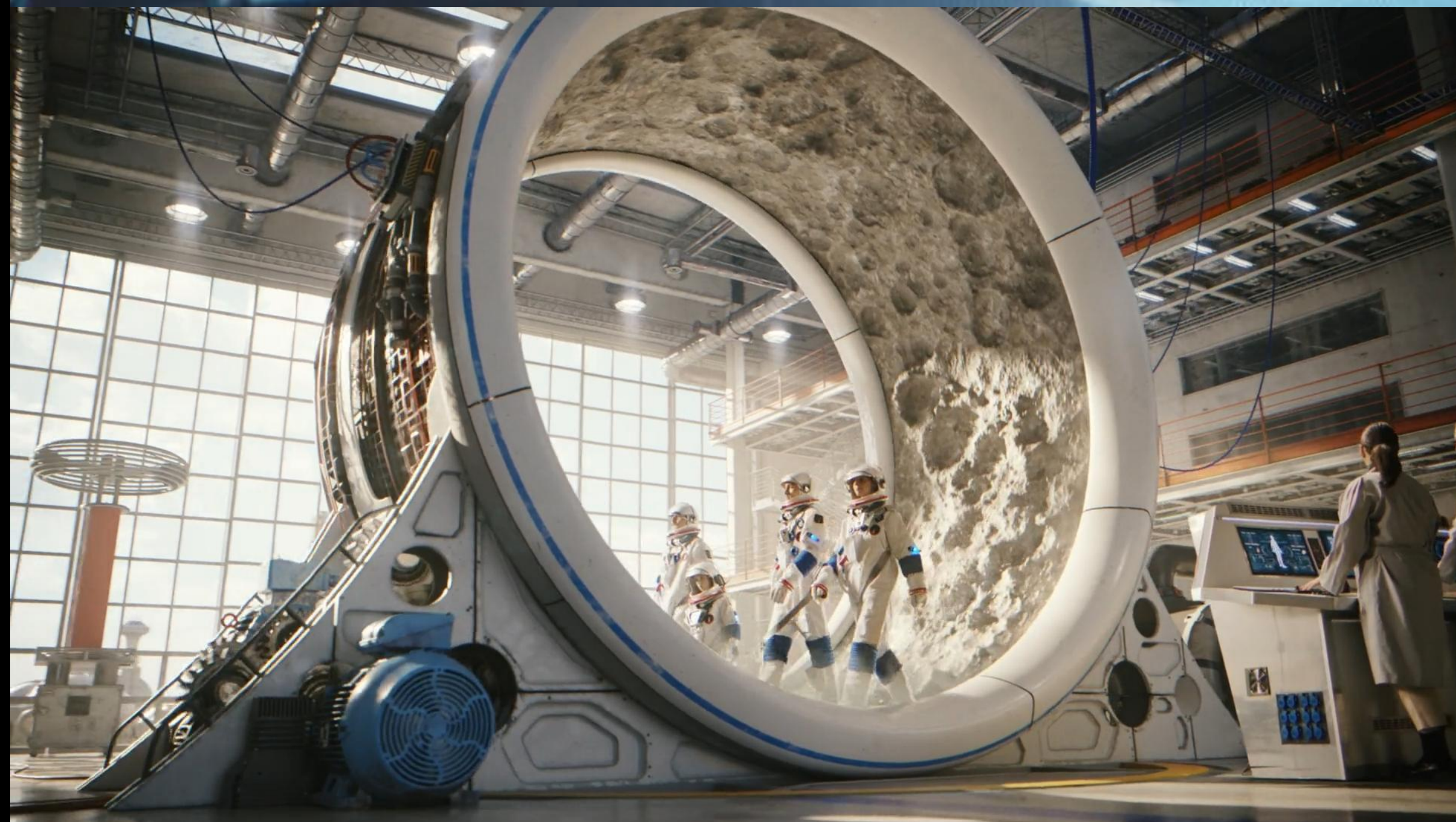
Integration of real environment with 3D objects.



Integration of green screen footage with 3D environments. The actor was filmed on a green screen. The entire scene around him is in 3D.



The actors are filmed on a green screen. The scene is entirely created in 3D.

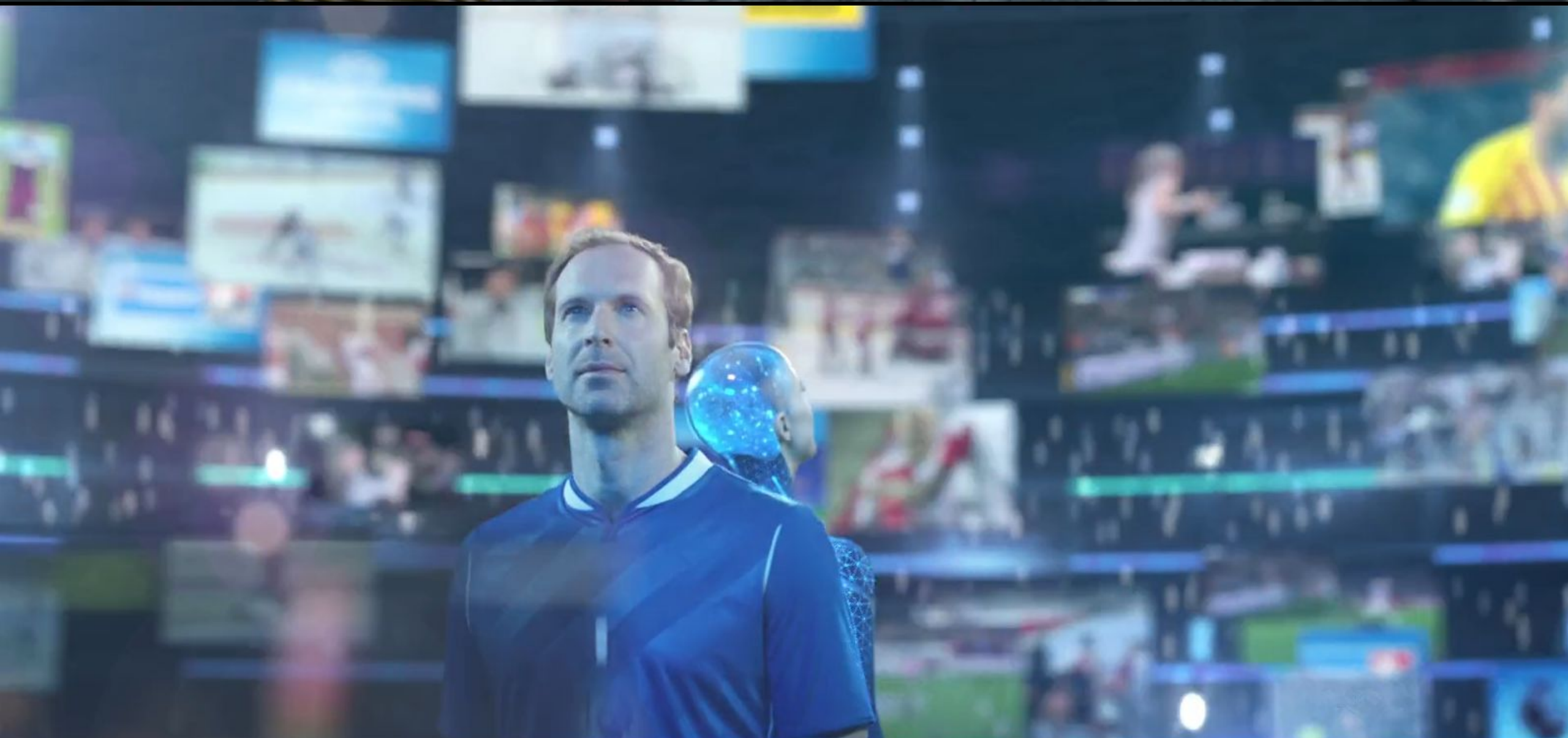




Full CGI environment including digital human characters.



Full CGI environments with 3D characters.





Full CGI environments with 3D characters.



Integrating complex simulations with character animation.

**AI in ALIEN studio
production**





Full AI generated videos

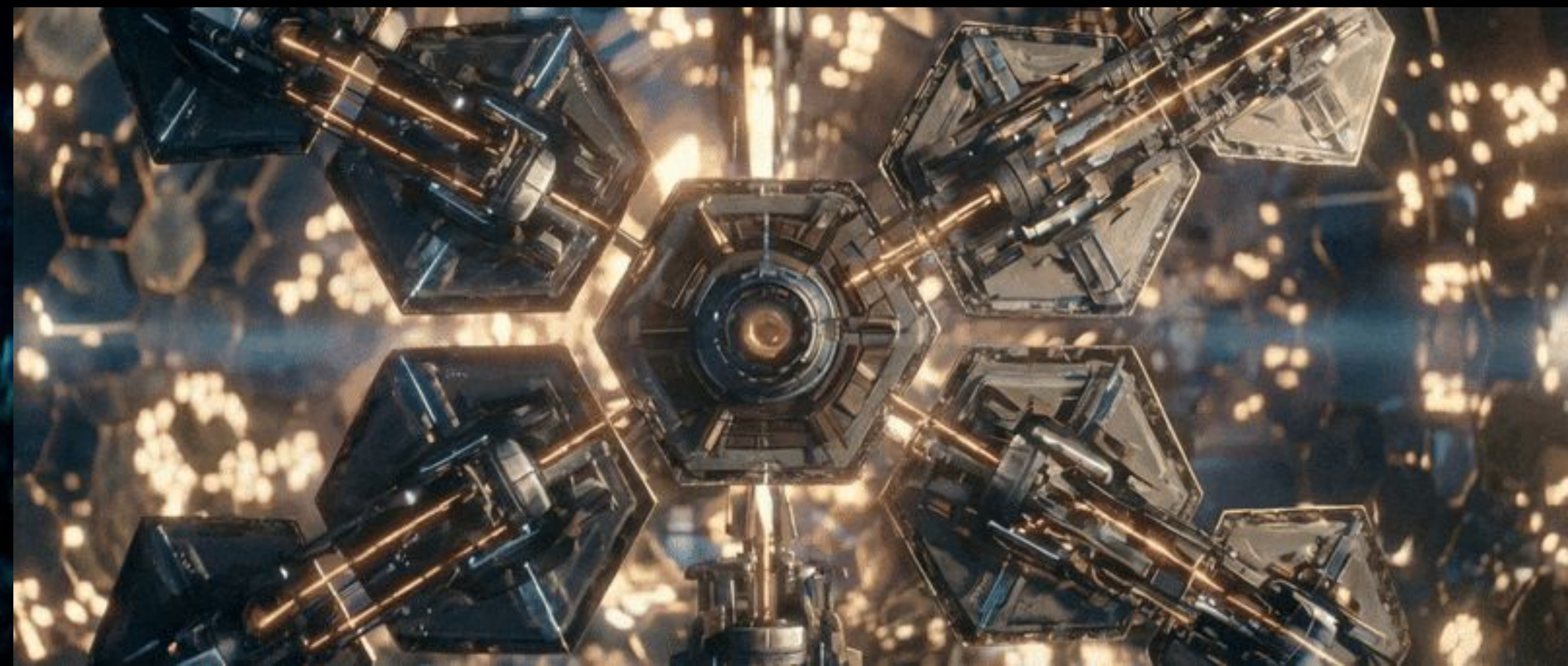
...samples



3D render as source for AI actor



AI video



Fantastic environments



Fantastic environments

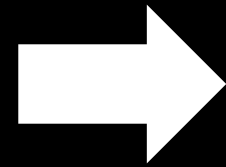


Complete shots made with AI.



Complete shots from short movie made with AI.

3d animation as source for AI



AI generated footage





Storyboard



AI-generated picture from storyboard



AI generated footage from picture



Simple AI animations





matte painting
environment change

..samples



AI generated matte painting in the background.



Original shot



AI generated background



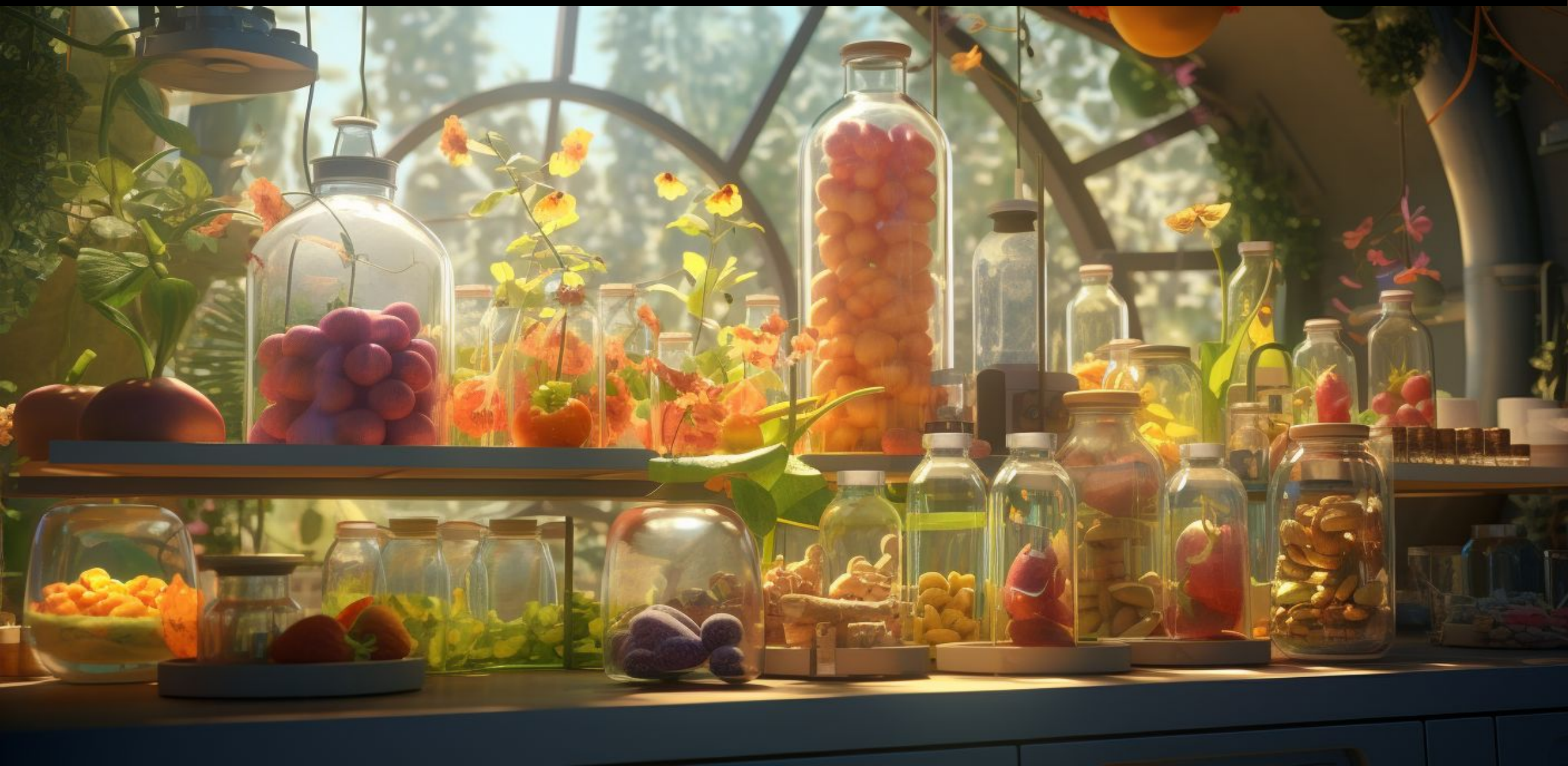
3D cars in AI generated image and AI generated 3D model of cat.



Moodboards



AI generated references for clients (from existing projects)





AI generated references for clients (from existing projects)





Character design



**Base concept of character for
Slovak Telekom made with AI.**





Reference picture from client.



Extraction of character using AI



AI generated 3D model from picture. Used as base model.



AI generated textures for 3D models.



AI generated background



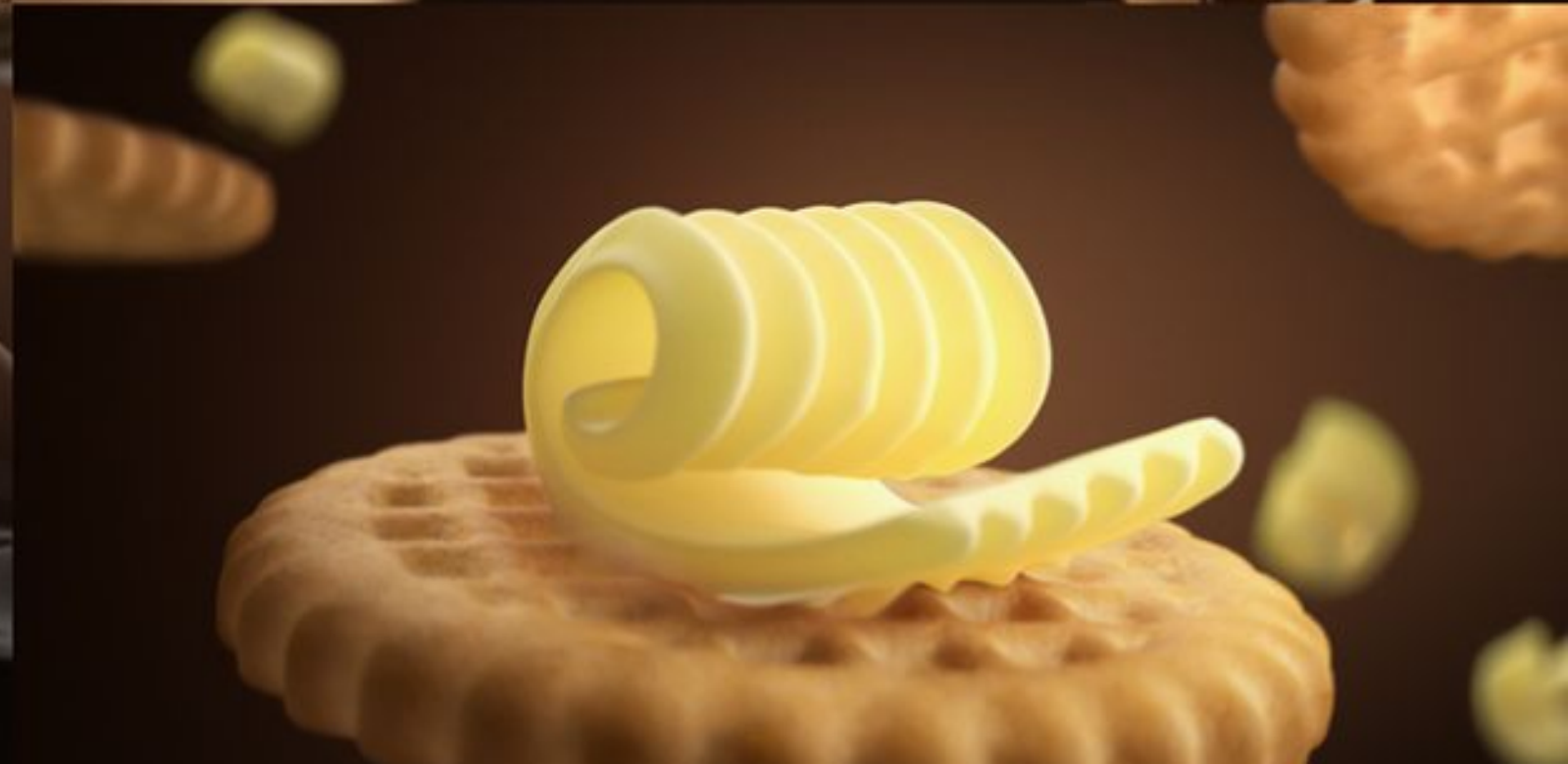
AI generated reference for 3D scene



3D scene



Product visualizations

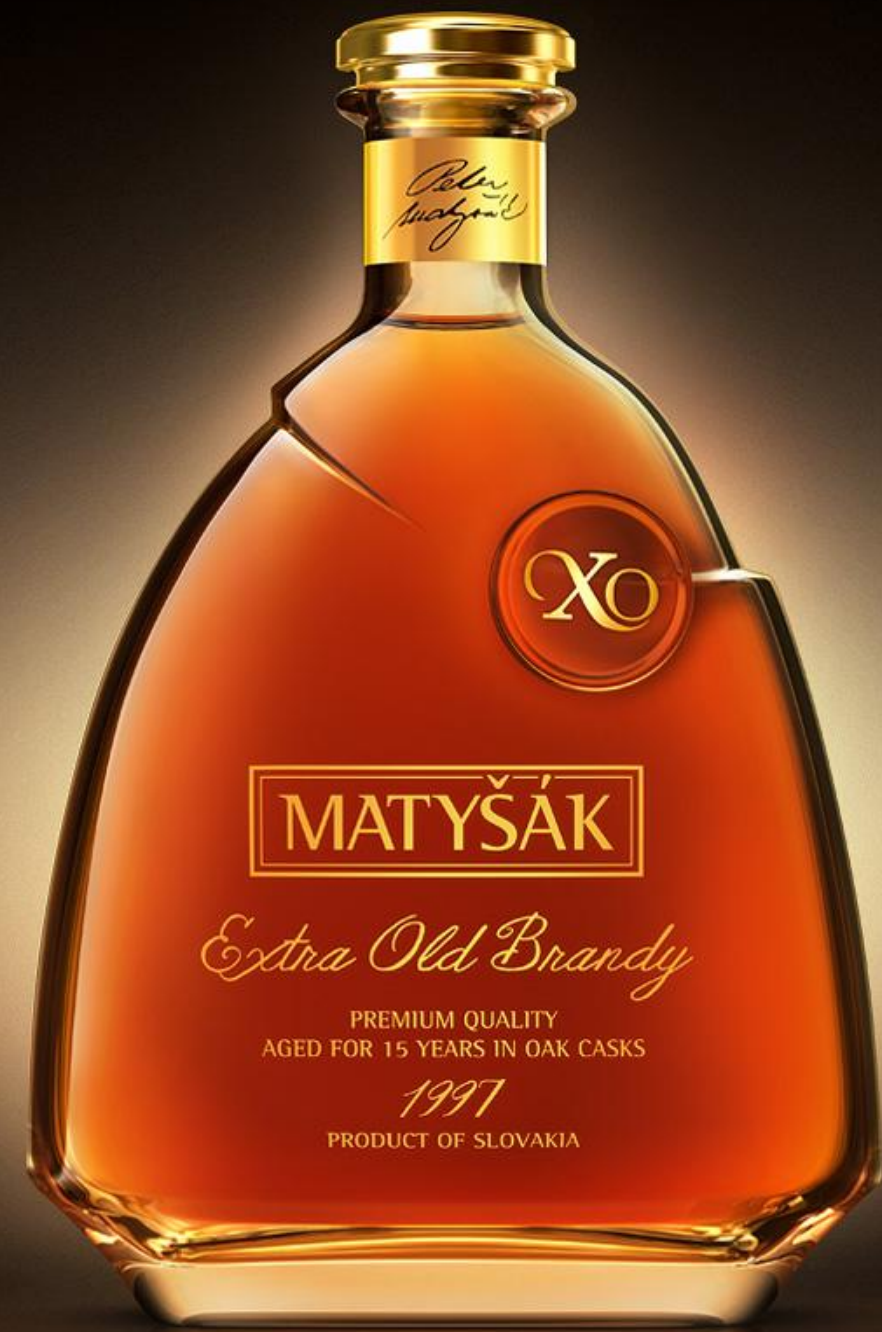


Product visualizations.



Product visualizations.





O₂

Product visualizations.

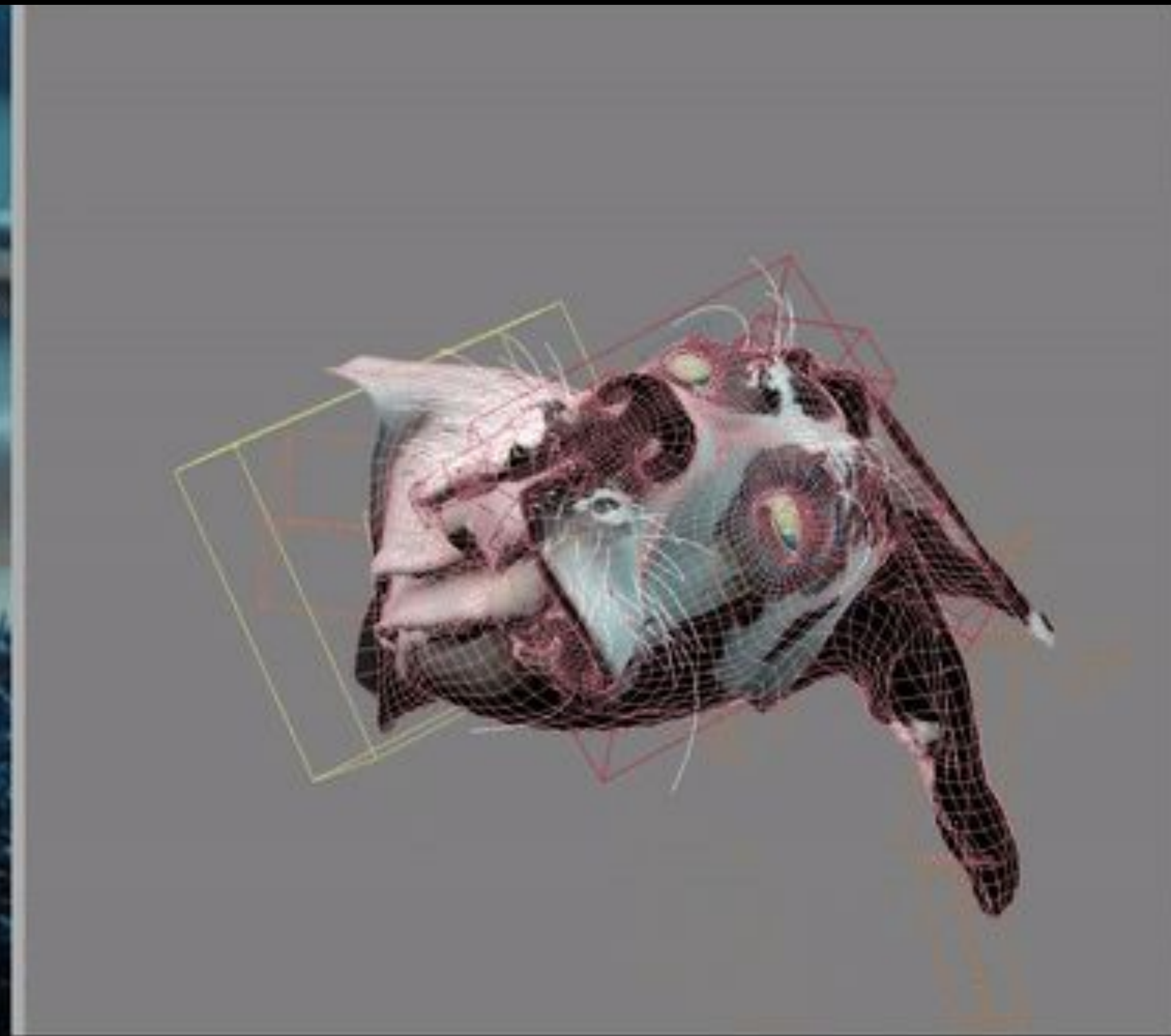


3D characters



3D animals





The process of creating a 3D dog character for O2 SK and a comparison with the real-life reference.



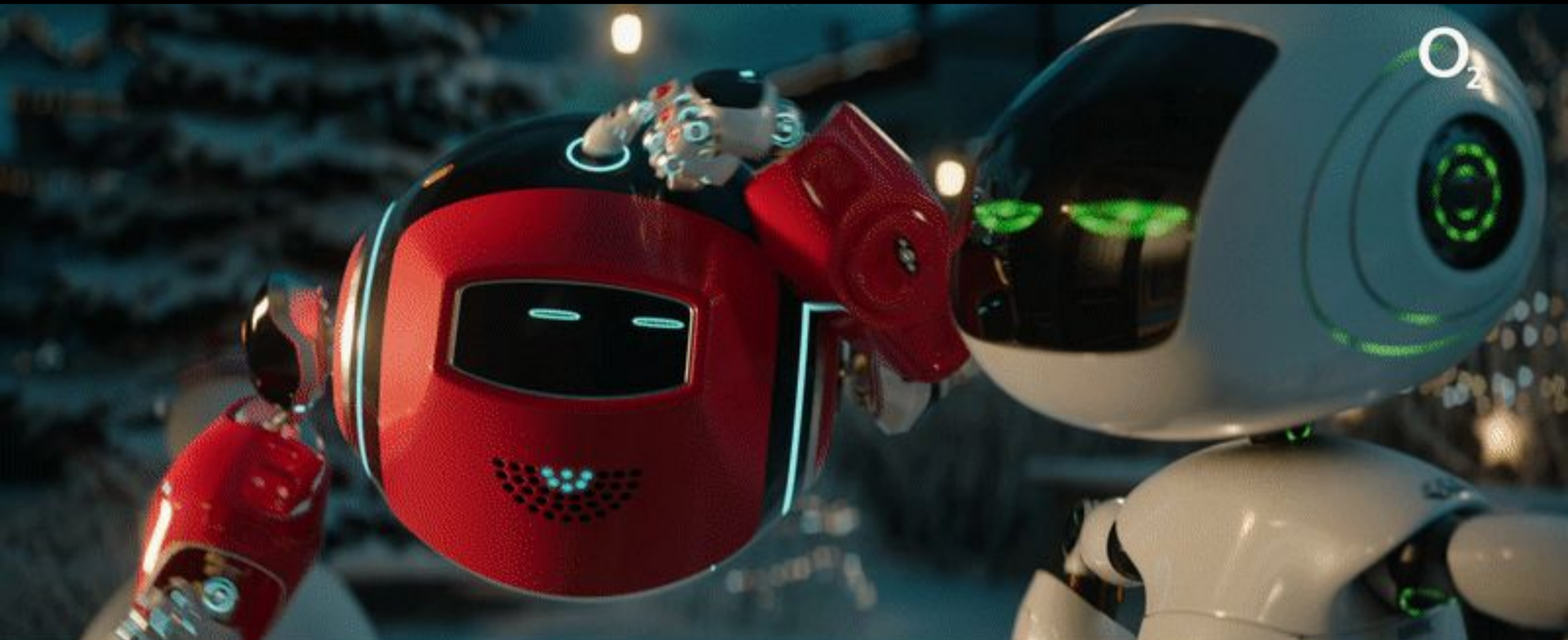
Stylized 3D characters.

 KB





Stylized 3D characters.



Stylized 3D characters.



web support

Stylized 3D characters.



Development process of Eva's 3D character for O2 Czech Republic





Stylized 3D characters.



Stylized 3D characters.



Stylized 3D characters.



TECHNOLOGIES WE USE

Motion capture recording with a professional runner in the studio for the O2 CZ commercial. ►



BODY MOTION CAPTURE

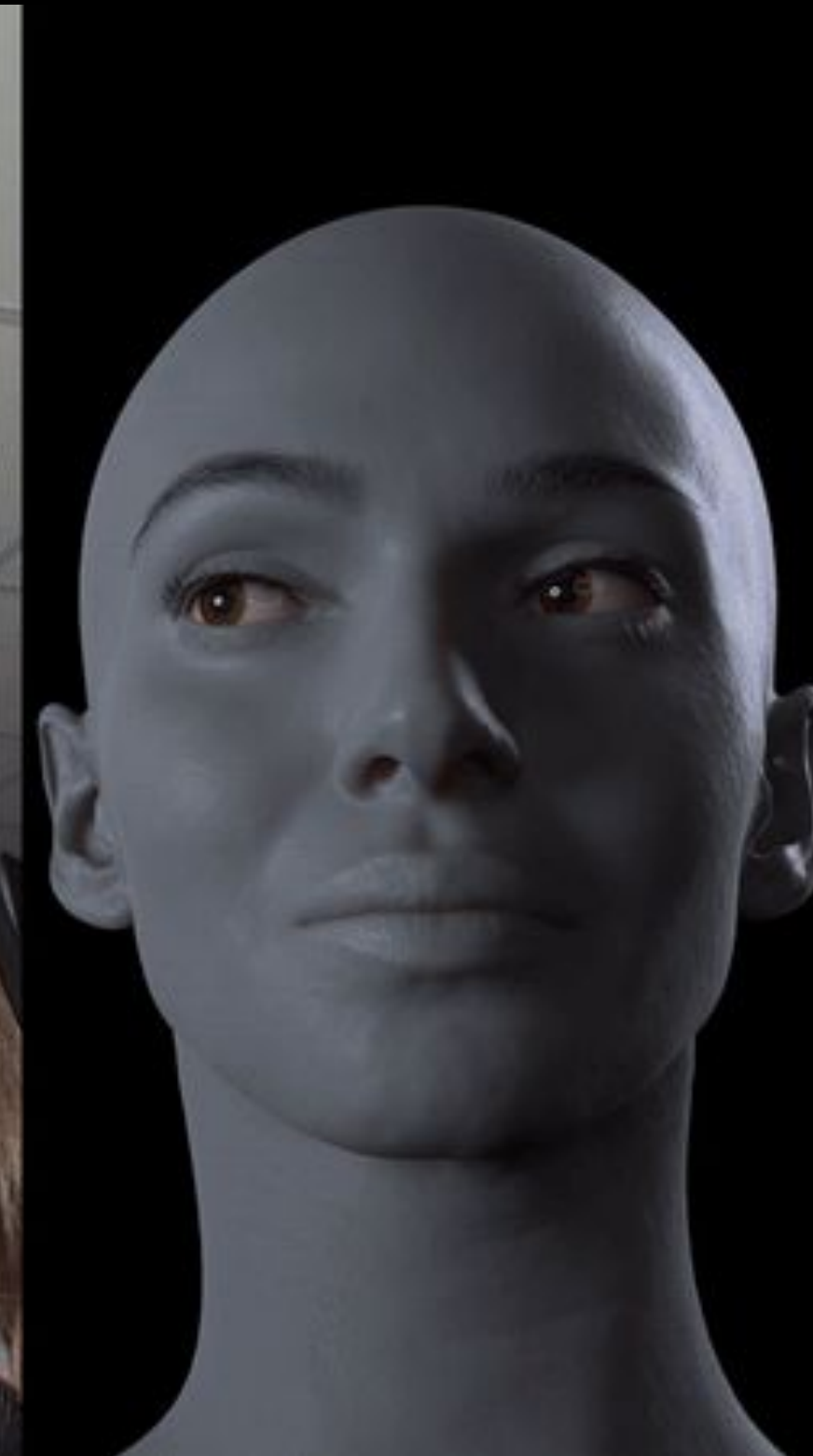
- We use our own Xsens motion capture system, the same technology used in most Hollywood films.
- It captures real human body movement and transfers it onto a digital character.
- The system is portable, which allows us to record actors even during on-set shooting.
- Clients can see the character's movements in real time and influence the animation during recording.
- It also allows us to record multiple takes and choose the best one later, giving directors and agencies more creative freedom during animation finalization.



FACIAL MOTION CAPTURE

- The new facial capture technology analyzes every movement of the face and transfers it onto a 3D model using sophisticated algorithms.
- The director has full control over the animation during the recording. The entire process is fast and flexible.
- Captured animations can be further refined by animators to fine-tune subtle details.
- The system is available in our studio and is also portable.

A facial motion capture demo created at Alien studio as a test. ▶



A digital human created at Alien studio demonstrates the current possibilities of 3D human animation using the latest tools in the field

3D CLOTH simulation

In the character creation process, we use software that allows us to dress our 3D characters and add another layer of detail.

We can design patterns, choose materials, simulate folds, and create animations.

The result is a 3D clothing model or animation that can be exported to other 3D software.





Thank you.

www.alien.sk