RASSI ENGINEERING

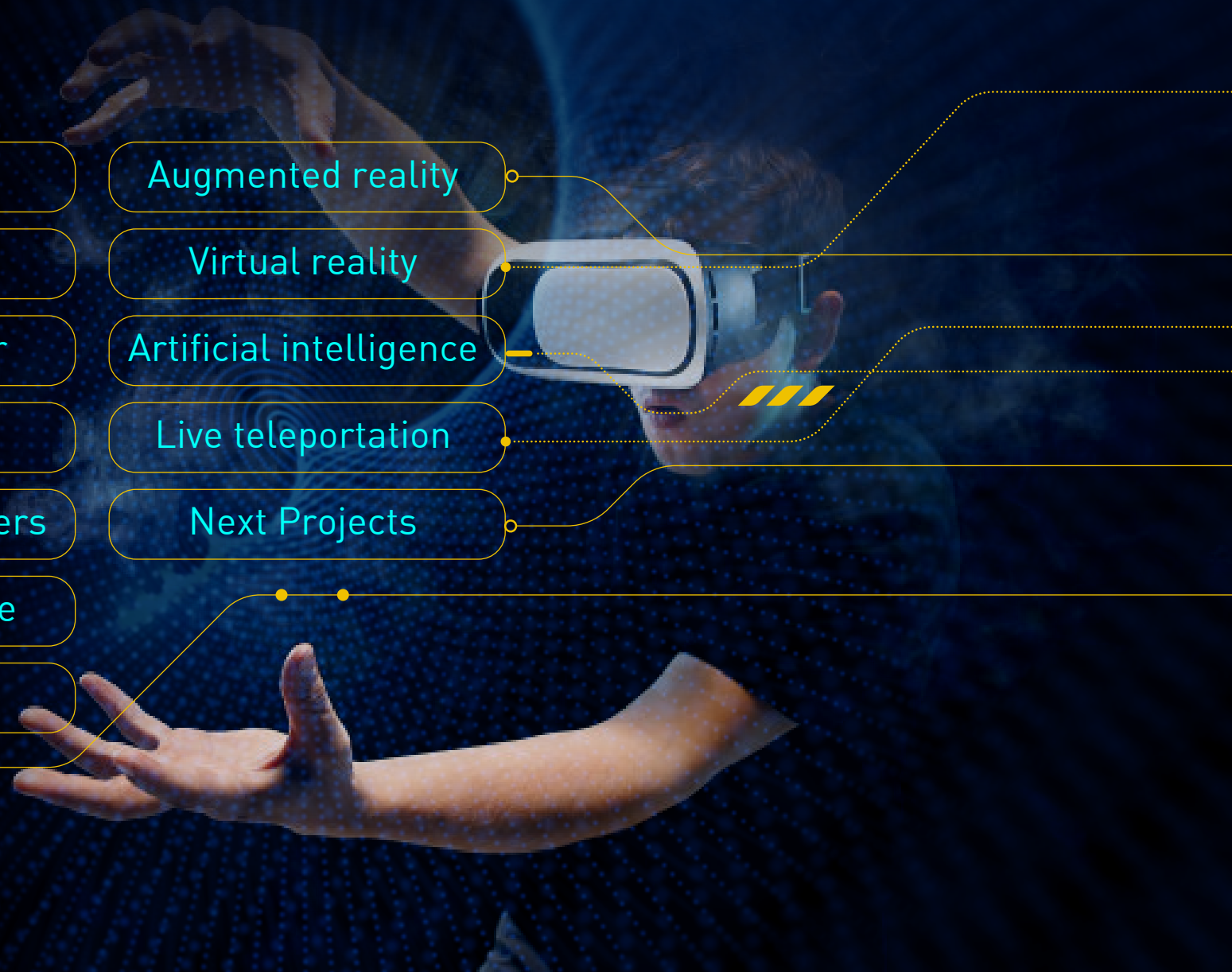
BROADCAST INNOVATION

COMPANY PROFILE

Autumn 2020

RASSI ENGINEERING
BROADCAST INNOVATION

CONTENTS



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MEET THE TEAM

Eng. Marwan Rassi

- → AR and VR expert
- → Electrical and Computer Engineer

Dr. Jonathan Fraine

- → Artificial Intelligence and Computer Vision Consultant
- → Phd Astro-physics
- → NASA contractor

MBA. Mohamed Missilmani

- → Content Creator
- → University Lecturer
- → TV Production Manager

Vatche Serourian

- → Senior Developer
- → 3D artist
- → Ventuz Technologies expert

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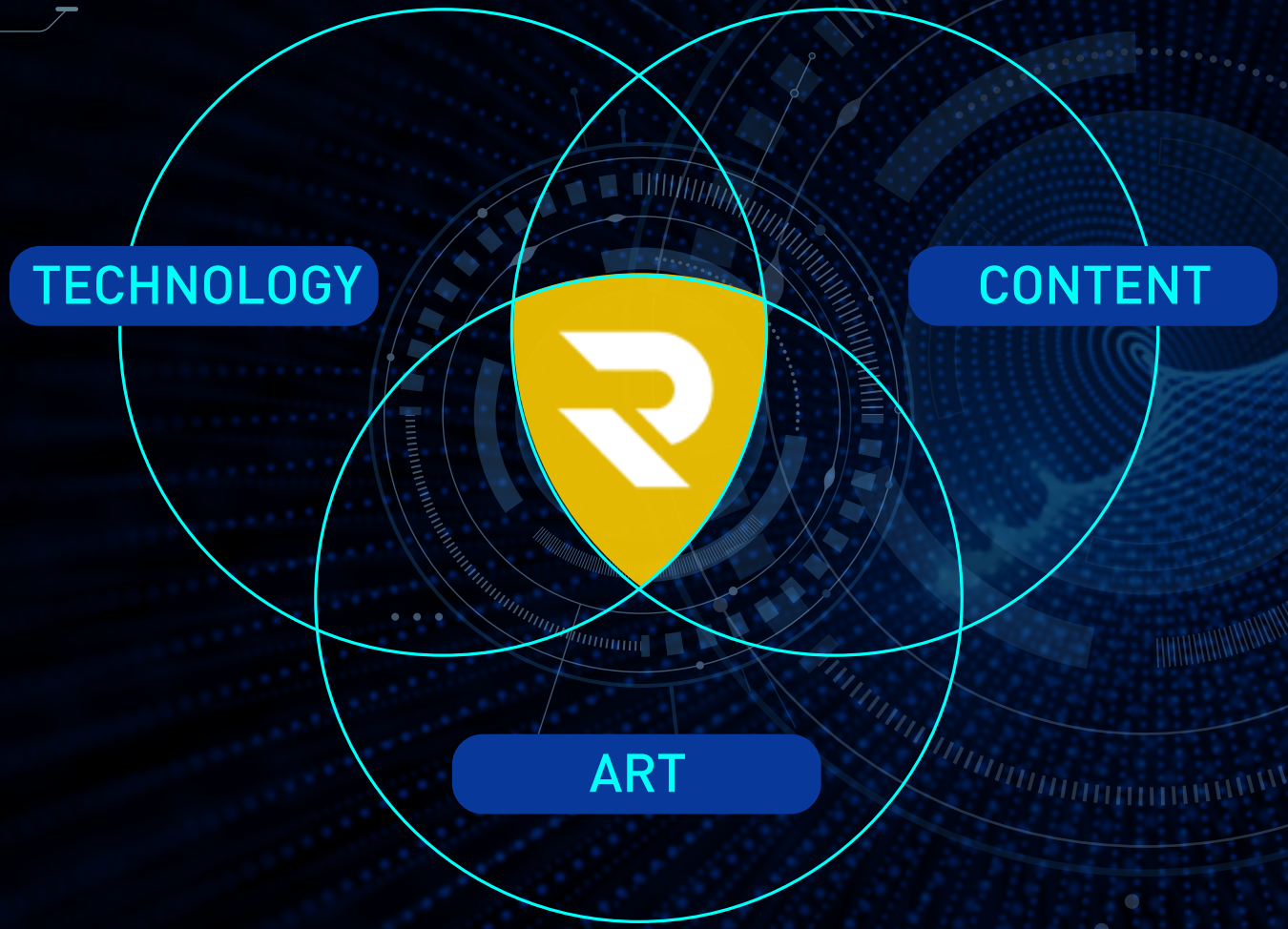
ABOUT US



We combine the know-how and the technology with the creative conceptualization to formulate the best blend for broadcasters

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The Only limit to our impact is our **Imagination and commitment**

When you're **committed** to something,
you accept no excuses, only results

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WHAT WE DELIVER

As early as **1996** we have been supplying **innovations in the broadcast field** that were continuously appreciated by millions of viewers in the **Mena and GCC** regions. Those **innovations** were the subject of many **awards** throughout the years.

Winners of Ramadan Best Game Shows

1st and 2nd places
Ramadan 2019
with MBC & SBC

1st place
Ramadan 2018
with SBC

1st place
Ramadan 2017
with Saudi TV
First live Virtual Studio

3rd place
Ramadan 2016
with Oman TV

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OUR CLIENTS

We collaborate with many prominent TV and Media Channels and with the best Production Houses all around the Arab World producing several successful TV shows.

Here are some of our clients

and many more

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MORE THAN
250 TV SHOWS

MORE THAN
35,000 HOURS of live television

TECHNOLOGY PARTNERS

VENTUZ

Ventuz is a node-based production and design environment for creating

. presentations
. video wall content
. interactive applications
. broadcast graphics
. experimental design projects

intel REALSENSE TECHNOLOGY

Intel RealSense Technology is a tracking technology designed to be used in

. autonomous drone
. robots
. AR/VR
. smart home devices

UNREAL ENGINE

Unreal Engine is the world's most open and advanced real-time 3D tool for creating

. cutting-edge content
. interactive experiences
. immersive virtual worlds

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OUR LEADING EDGE

Fast reacting crew
to demands and requirement

Unlimited and unsolicited
last minute modifications with
no extra charges

Guaranteed 99.9%
uptime

A multi discipline state of the art
computer and graphic engine

Full content creation
we deliver scripts , data, statistics, research analysis with all the knowledge of the **Mena and GCC market**

All hardware, software and Graphics for Virtual Sets, Teleportation system, Artificial Intelligence and Augmented Reality are available at **Rassi Engineering**

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OUR SERVICES

- Conceptualization
- Augmented Reality
- Virtual Sets
- Data Visualization
- Real Time Graphics
- Content Creation
- Teleportation
- Artificial Intelligence

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AUGMENTED REALITY AR

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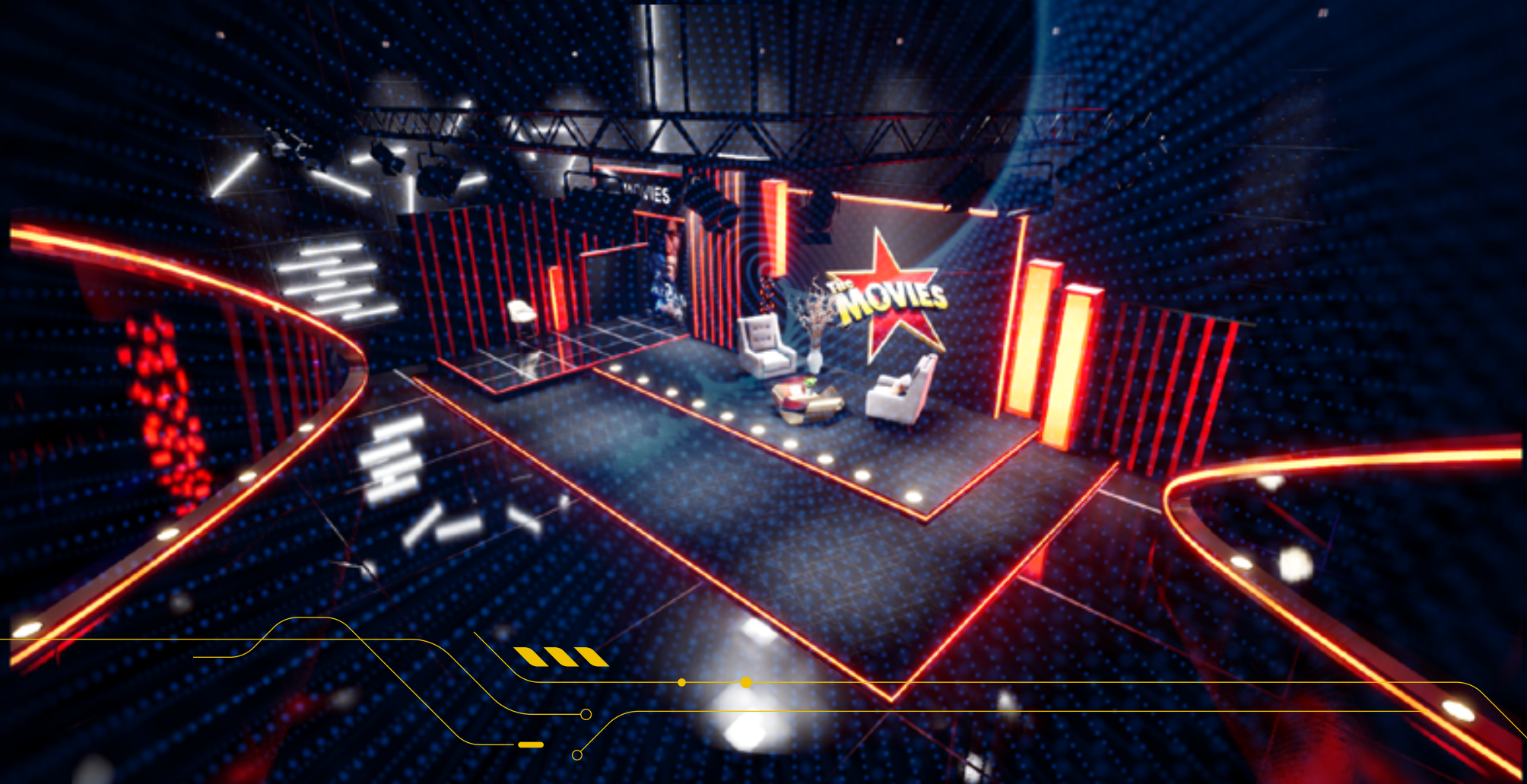
VIRTUAL REALITY **VR**



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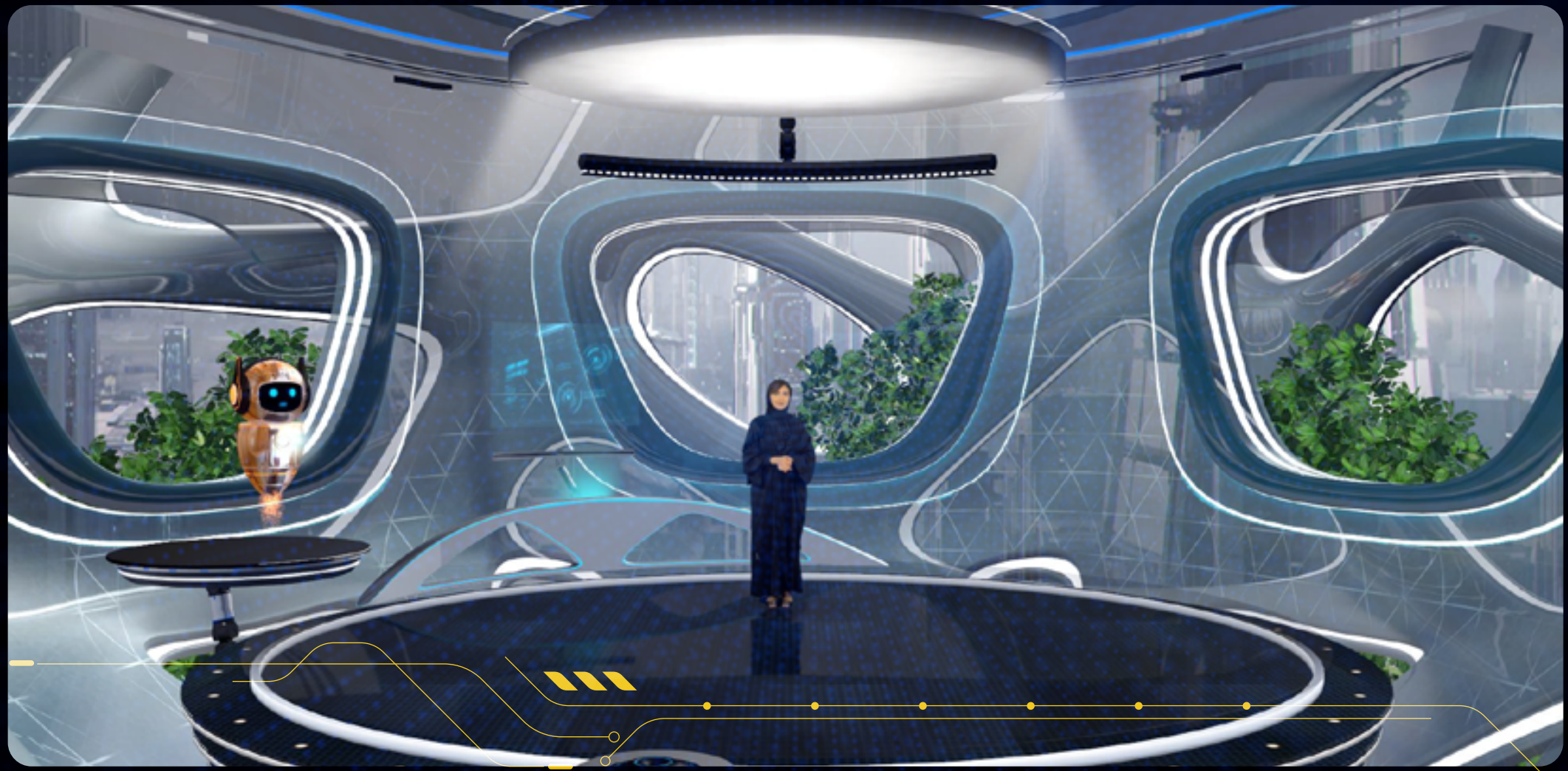
VIRTUAL REALITY **VR**



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VIRTUAL REALITY VR

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VIRTUAL REALITY **VR**

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VIRTUAL REALITY **VR**

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VIRTUAL STUDIOS - CONTROL SOFTWARE

Up to
96 cameras
and
movements

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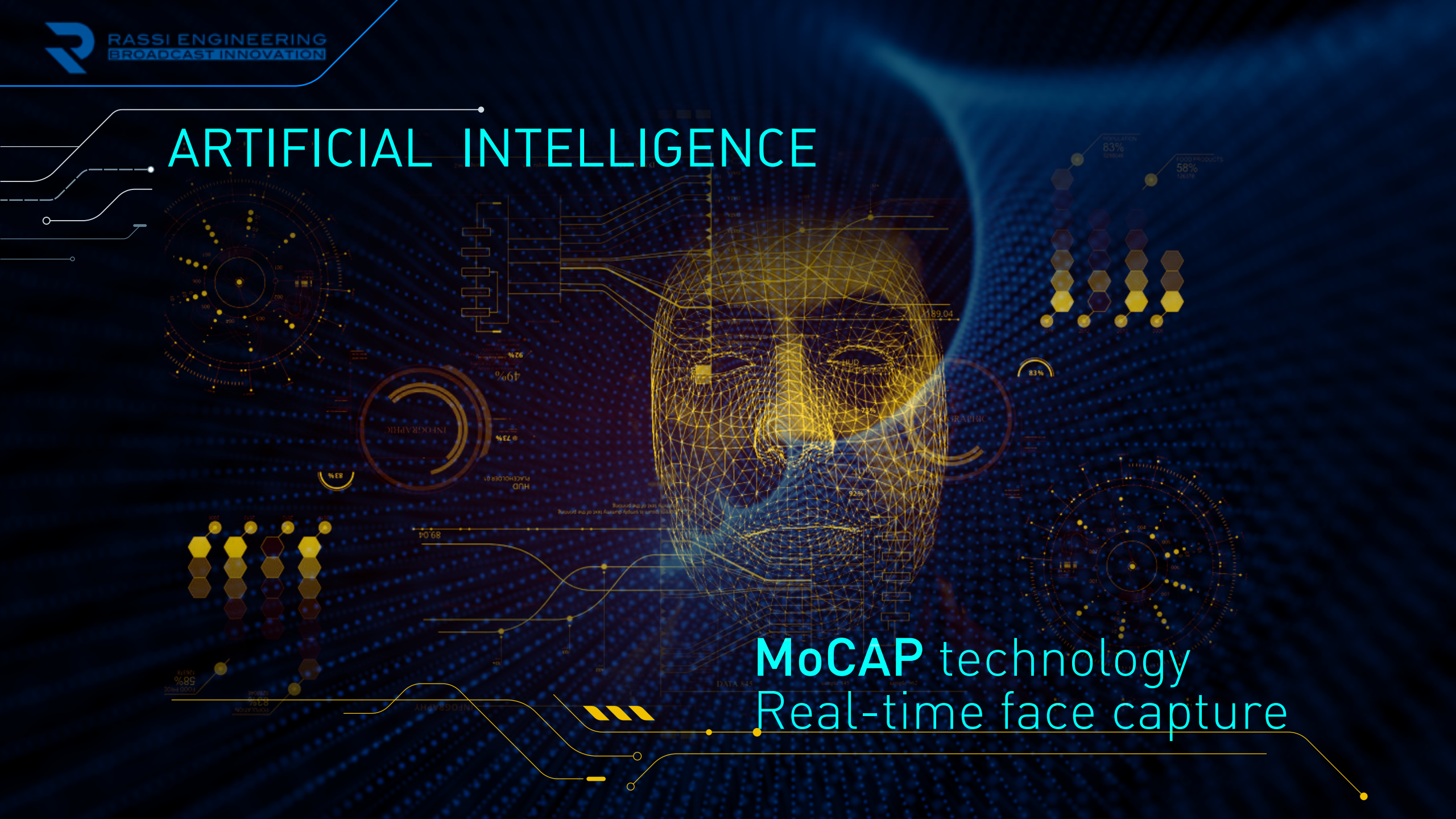
ARTIFICIAL INTELLIGENCE



MoCAP technology
Real-time face capture

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ARTIFICIAL INTELLIGENCE skeleton tracking system

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ARTIFICIAL INTELLIGENCE skeleton tracking system

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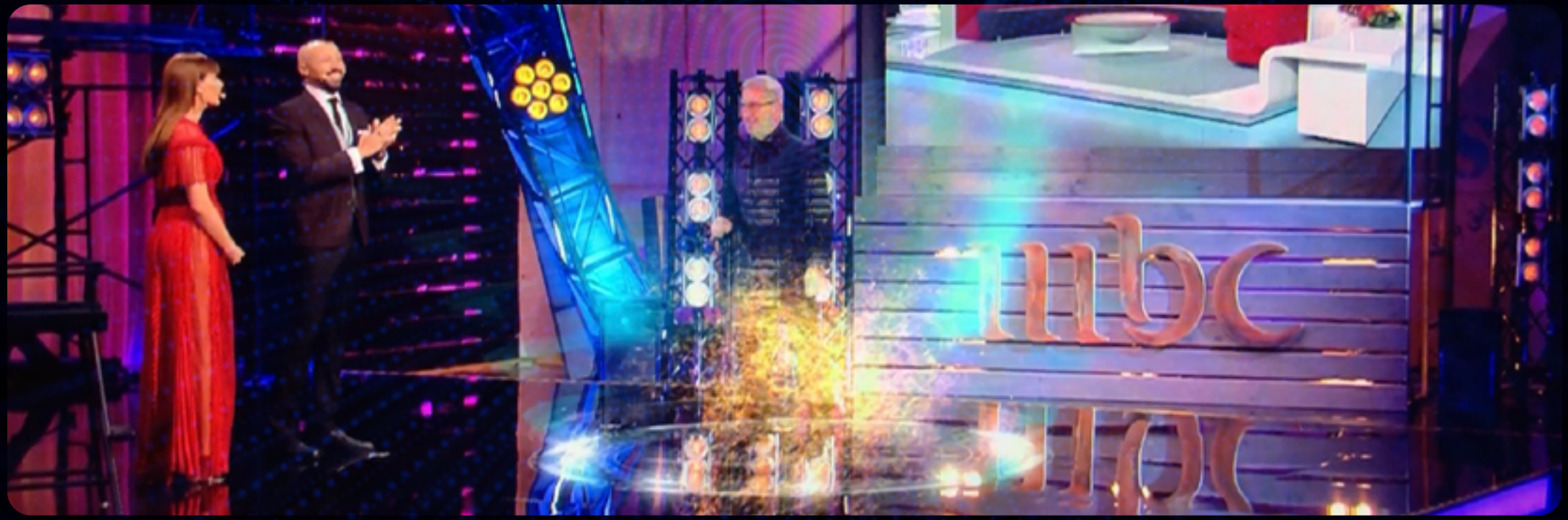
LIVE TELEPORTATION SYSTEM

Our bespoke **teleportation live system** transports a presenter from **one geographical location to another**



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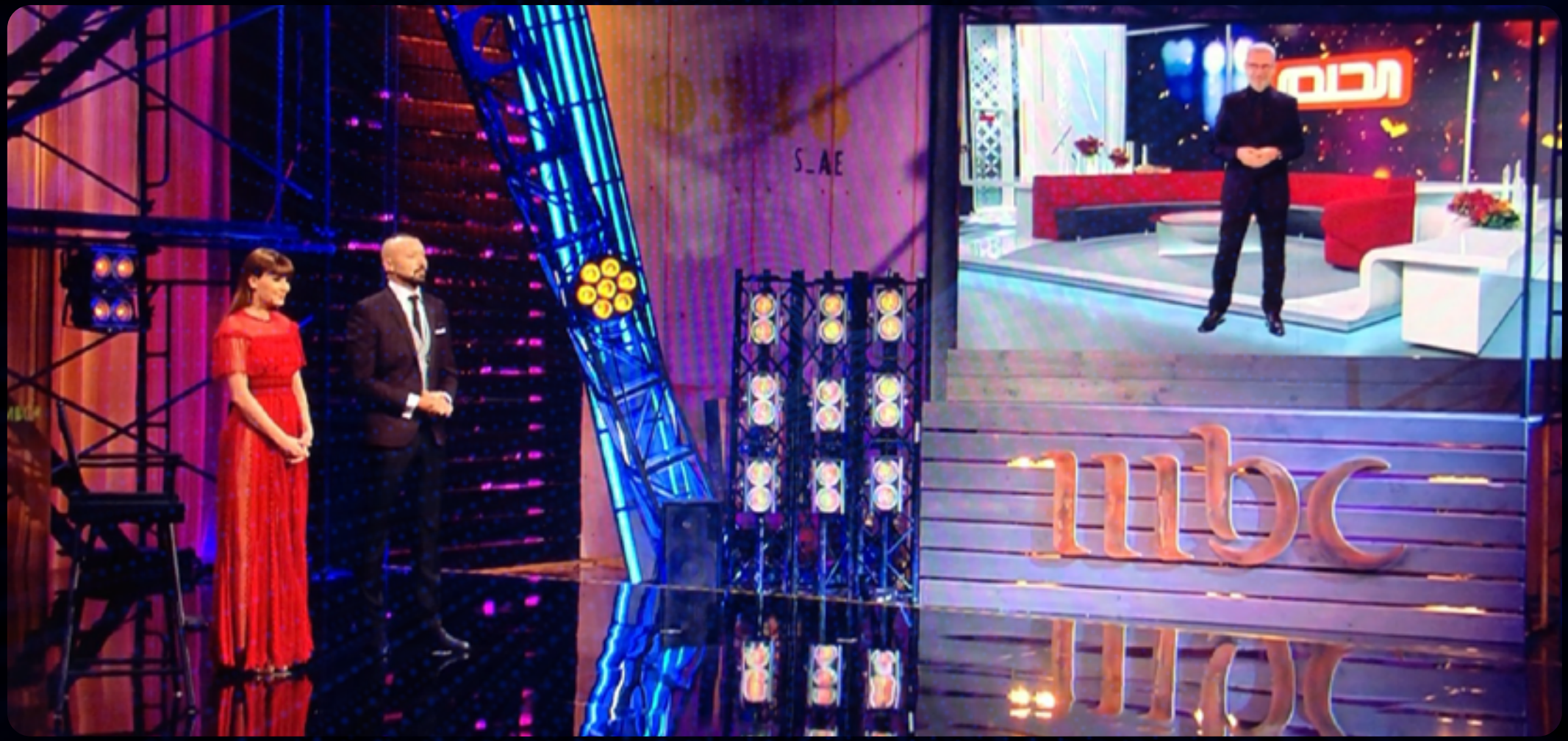
LIVE TELEPORTATION SYSTEM - 01



PRESENTER ON LED SCREEN IN DUBAI

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LIVE TELEPORTATION SYSTEM - 02

PRESENTER DISINTEGRATES INTO PARTICLES

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LIVE TELEPORTATION SYSTEM - 03

PRESENTER DISINTEGRATES INTO PARTICLES

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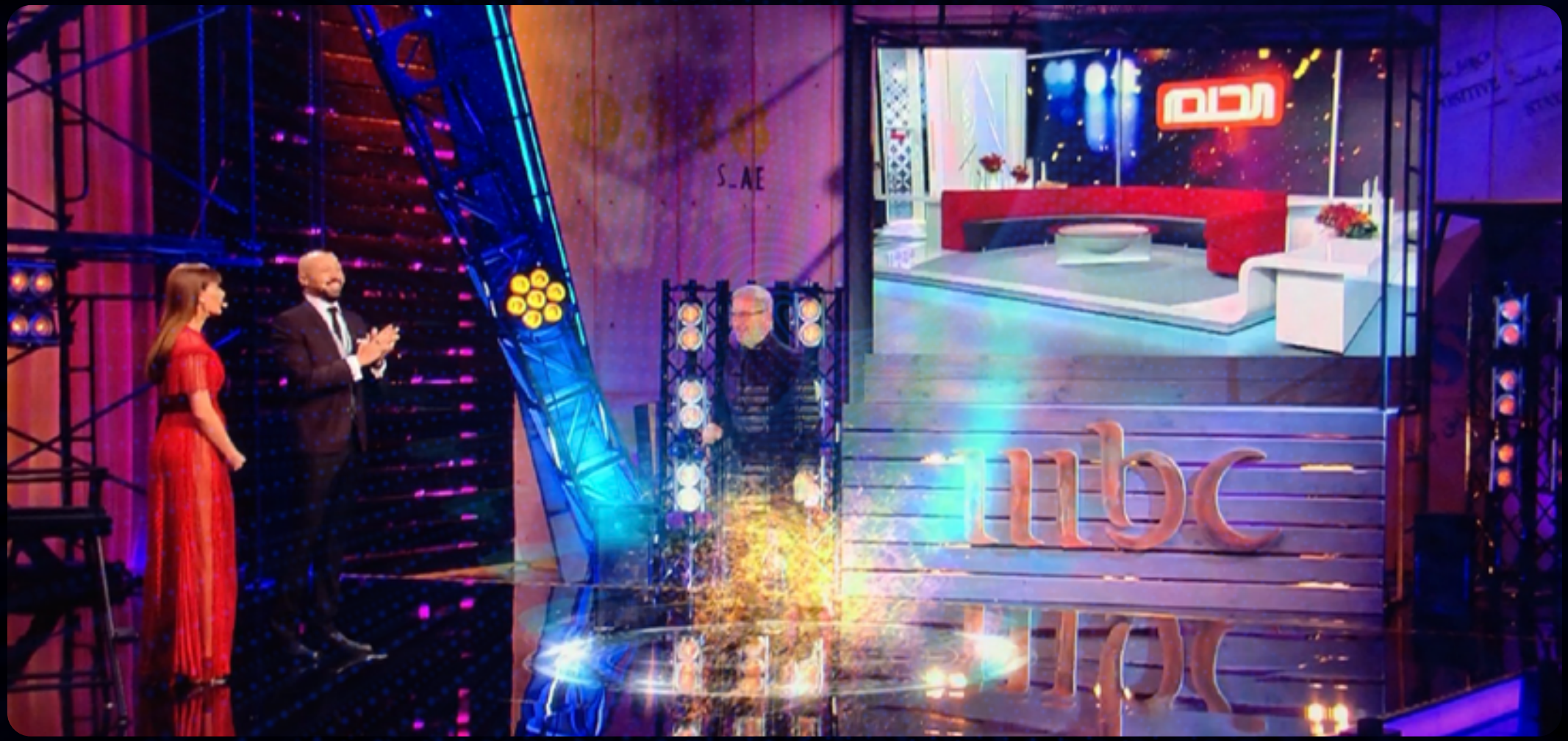
LIVE TELEPORTATION SYSTEM - 04



THEN MATERIALIZES IN THE STUDIO IN BEIRUT

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LIVE TELEPORTATION SYSTEM - 05

THEN MATERIALIZES IN THE STUDIO IN BEIRUT

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LIVE TELEPORTATION SYSTEM - 06

PHISICALLY PRESENT WITH THE TWO ANCHORS IN BEIRUT

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Lorem ipsum

LATEST PROJECT

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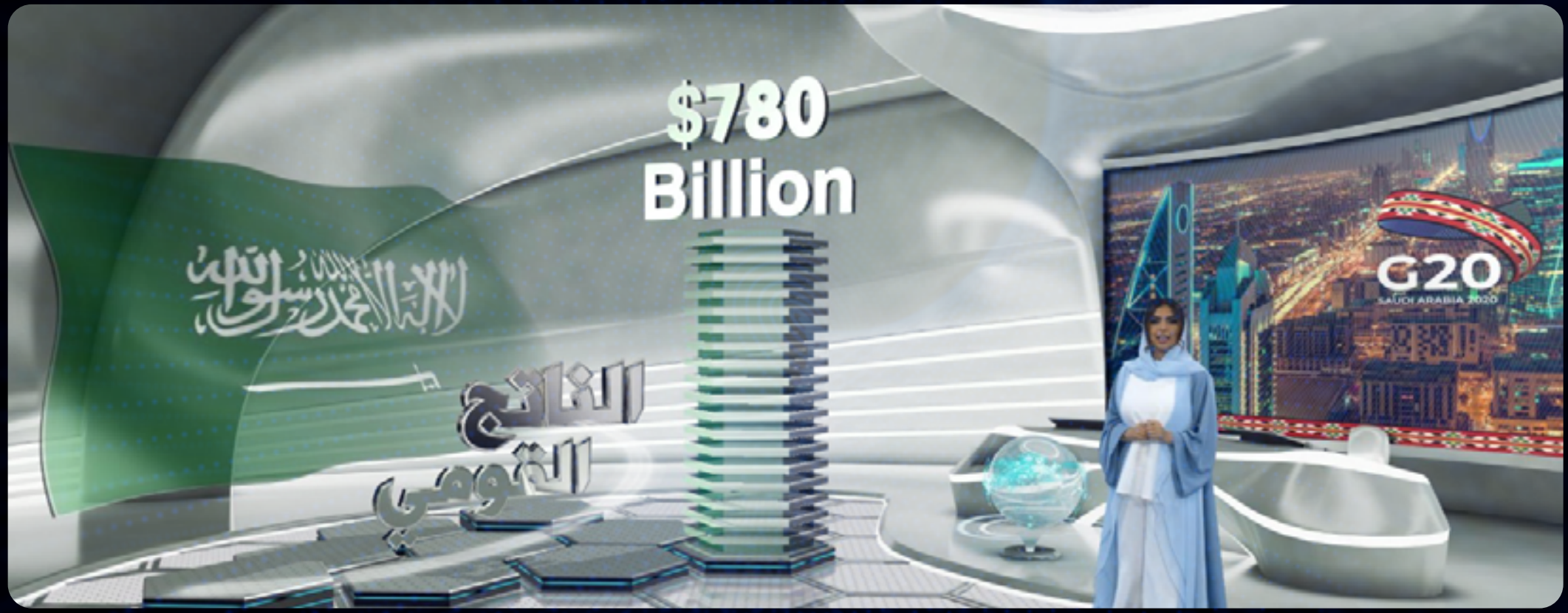
MOOD BOARD



We opted for a white set to keep the scene clean for all the augmented reality elements that will be shown throughout the broadcast. **To keep the focus where it should be**

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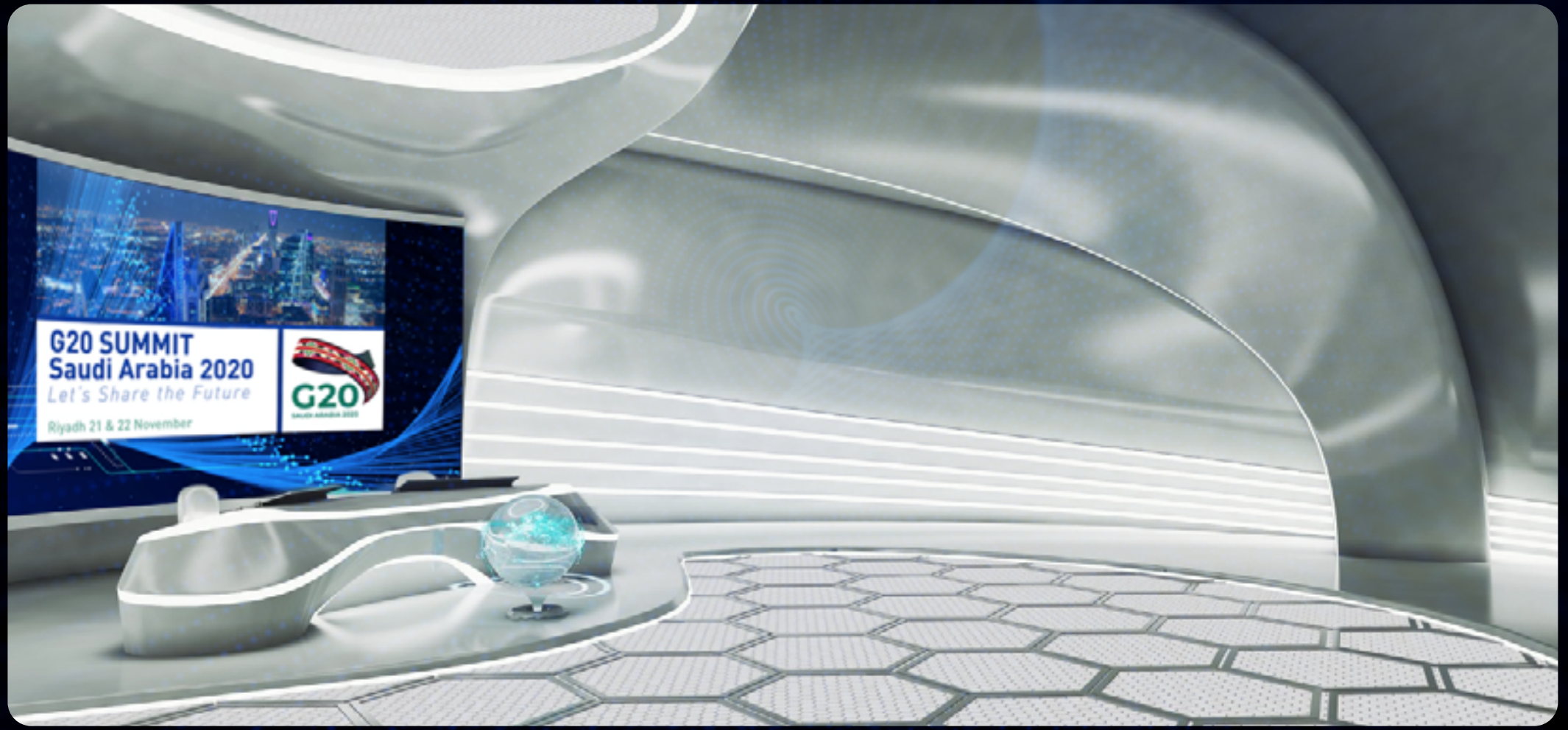
MOOD BOARD



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MOOD BOARD

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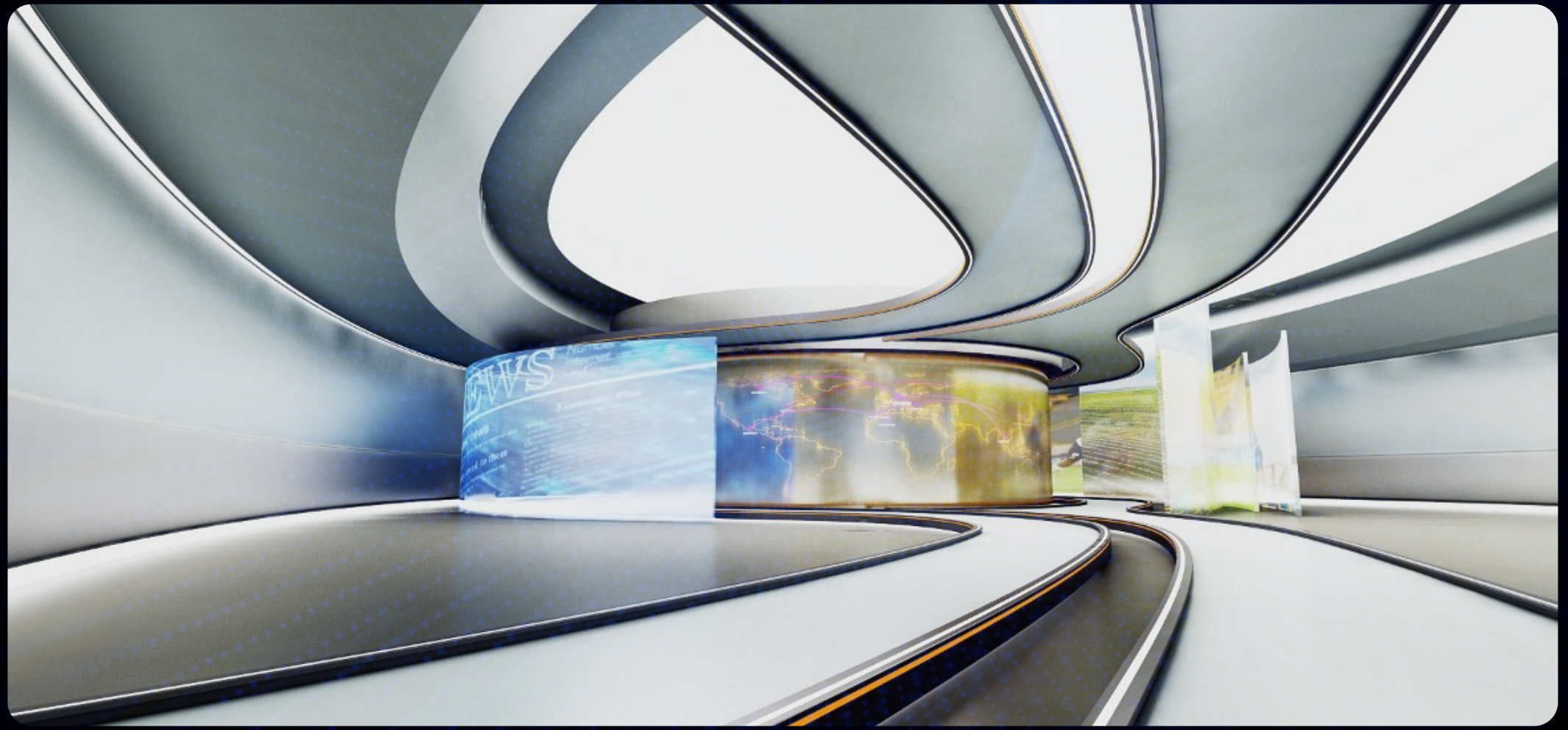
MOOD BOARD



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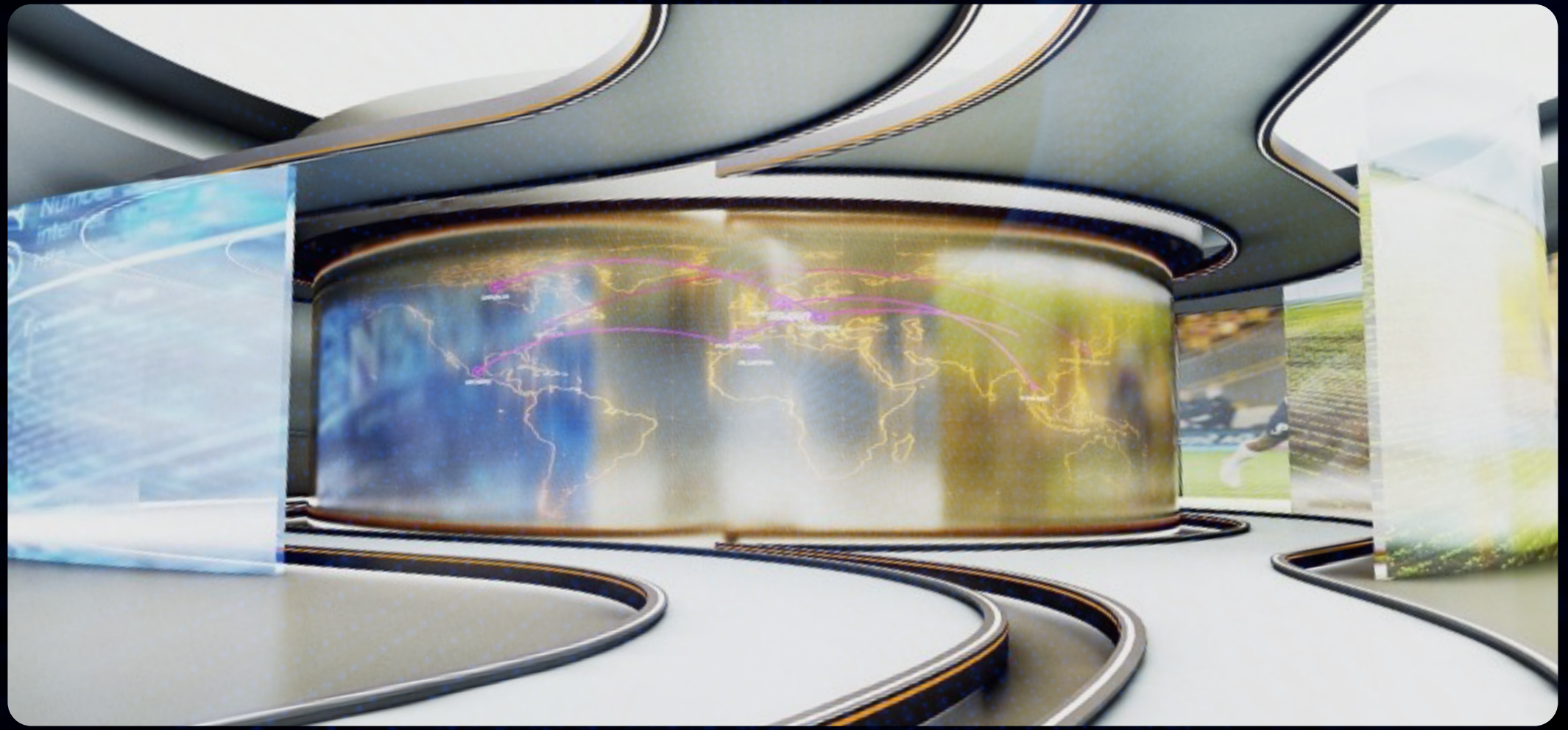
MOOD BOARD



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MOOD BOARD

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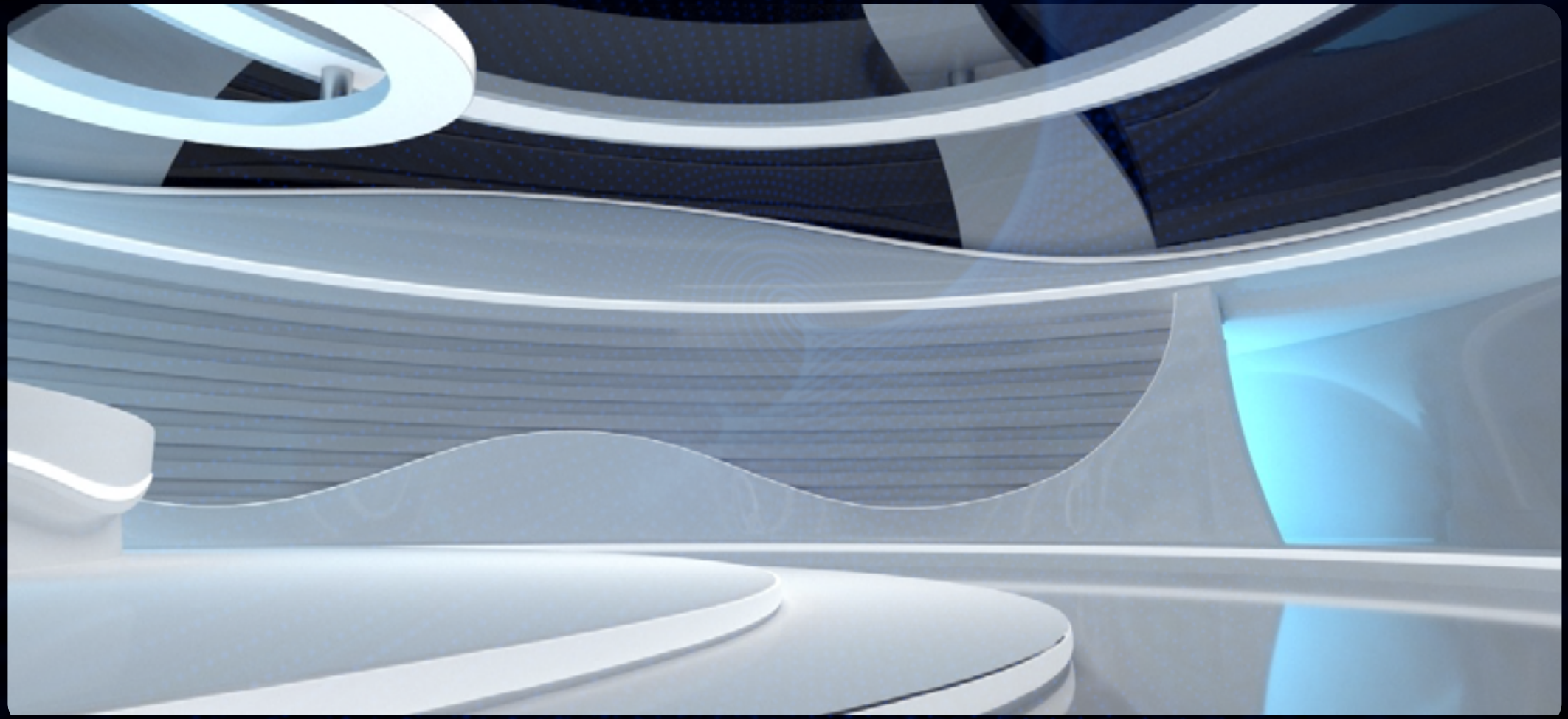

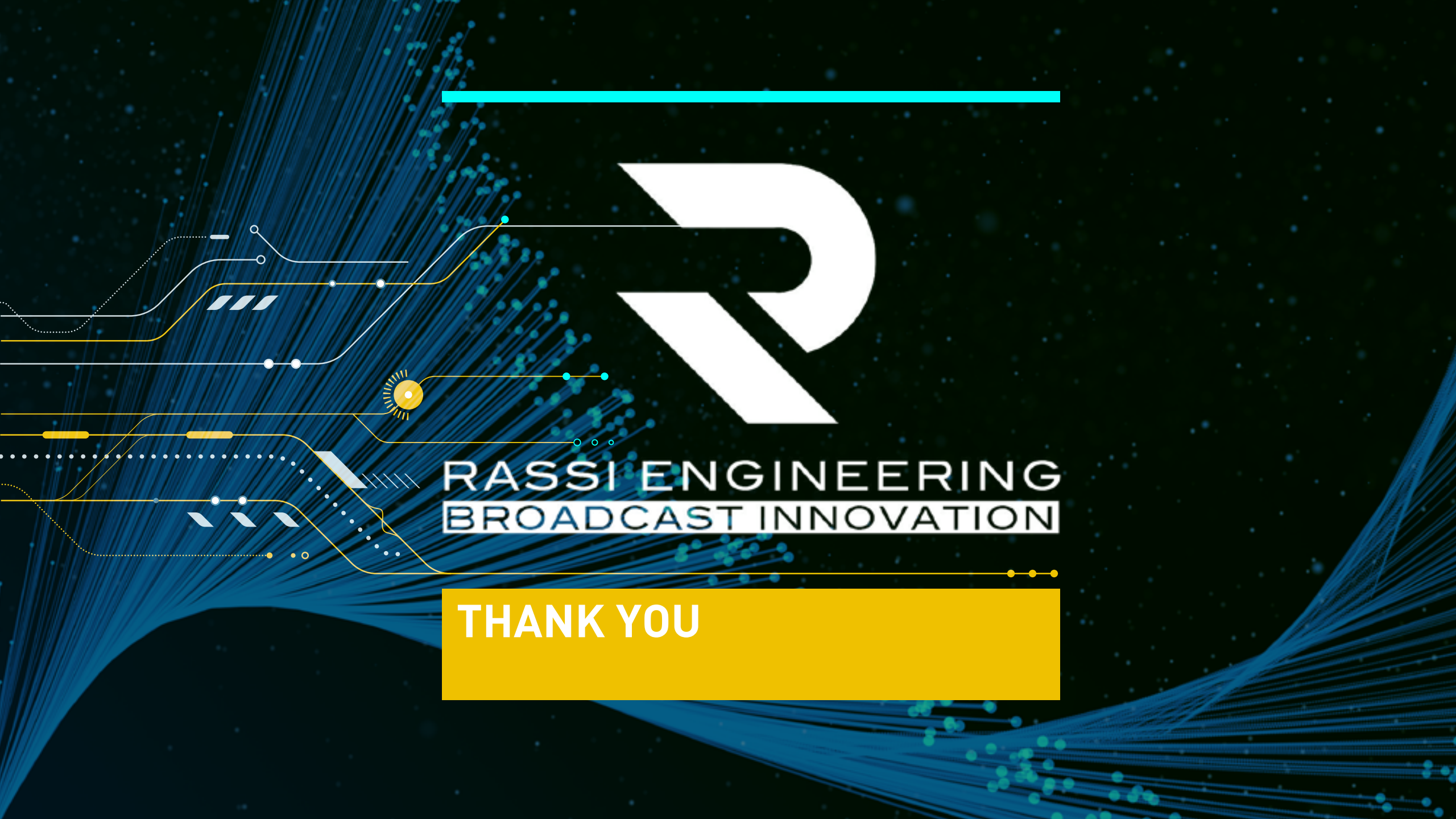
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THANK YOU