fifthingenium

FAST INNOVATION

FOR YOUR COMPANY

https://fifthingenium.com/

info@fifthingenium.com

We Are An Innovative Tech Company Of Engineers, Designers And Committed Strategists Driven by a Passion for Digital & Social Innovation.

mission

Our mission is to help our customers to create **innovative services and solutions** and grow their businesses. For that purpose, we provide **rich technology competencies**, business and domain expertise, passion for quality of our software.

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WHO WE ARE

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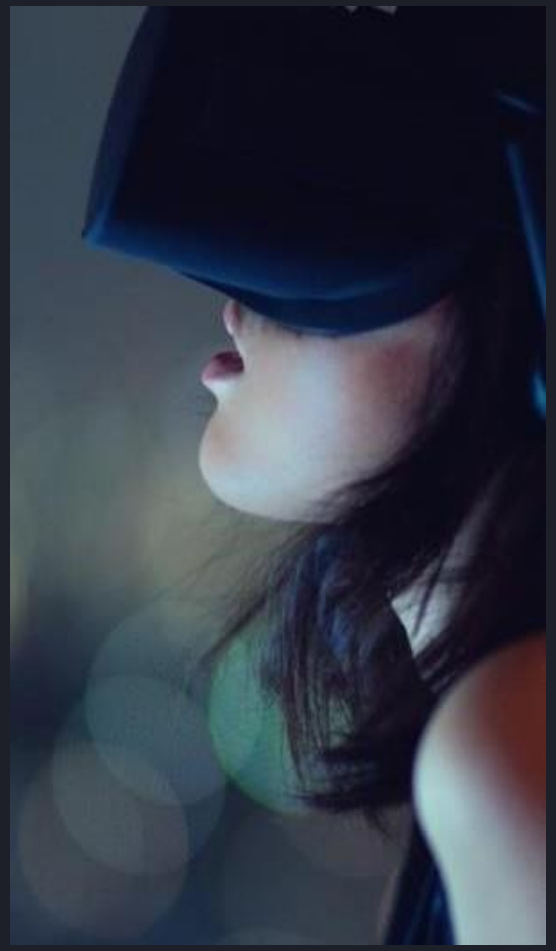
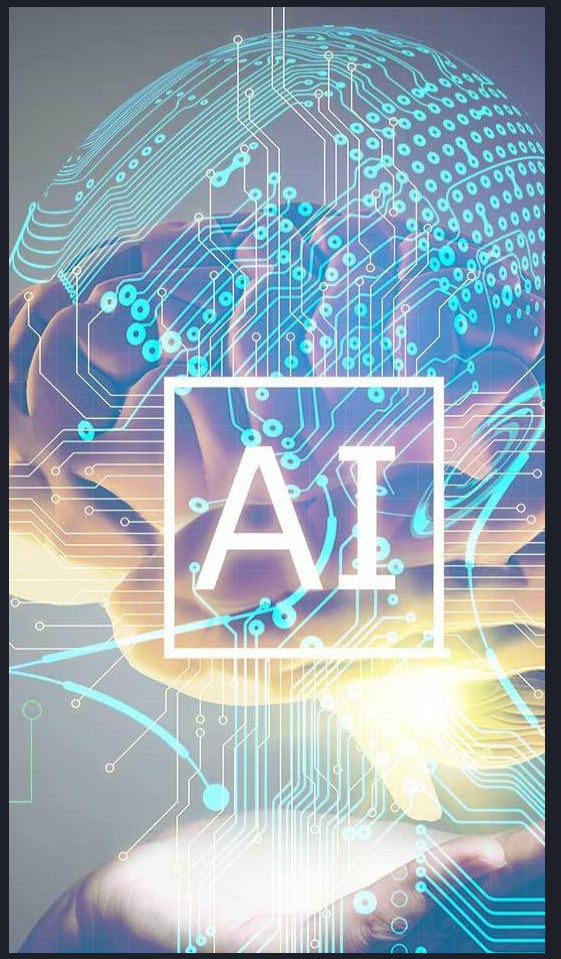


AR/VR EXPERIENCES

EDGE CLOUD SOLUTIONS



MACHINE LEARNING

INTERNET OF THINGS

MARKET SECTORS

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INDUSTRY 4.0

TOURISM

HEALTHCARE

SALES

TRAINING

EXPERTISE

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+6yr

of experience with Mixed Reality

+5yr

of experience with Education, Industry 4.0, AI and IoT

+60

AR projects Developed

+10

Digital Manufacturing Solutions

CUSTOMERS

Ferrari

Lamborghini

SOLVAY

FCA FIAT CHRYSLER AUTOMOBILES

CNH INDUSTRIAL

IVECO

UniCredit

Coca-Cola

Consulting

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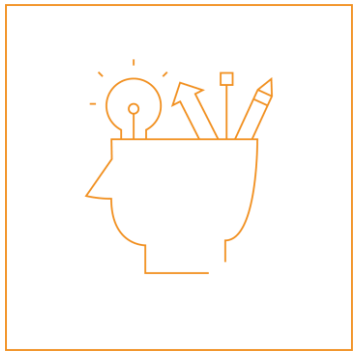
How we create



01 / CONCEPTS
& BRAINSTORMING

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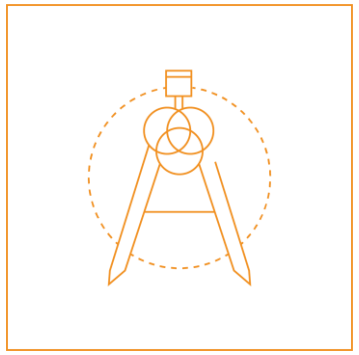
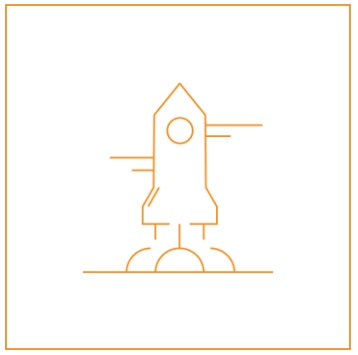


02 / SKETCHING
& DRAFTING

>

03 / DEVELOPMENT
& PROTOTYPING

>



04 / DEPLOY
& MAINTENANCE

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BUSINESS PARTNERS

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Microsoft

vodafone

intel

QUALCOMM®

nreal

Lenovo

splunk>

Over 50 certifications & awards

Industry 4.0

BraIND 4.0
Mixed Reality & Augmented Intelligence
for smart factories & smarter workers
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CHALLENGES: INCREASE MANUFACTURING RESILIENCE

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SPEED, QUALITY, AND SAFETY

Machine downtimes and workplace accidents are HUGE costs

MAINTENANCE & OPERATIONAL ERRORS

LACK OF EXPERIENCE AND TRAINING

TRAVEL TIME/COST/BAN

PHYSICAL / DIGITAL CONTINUOUS INTEGRATION

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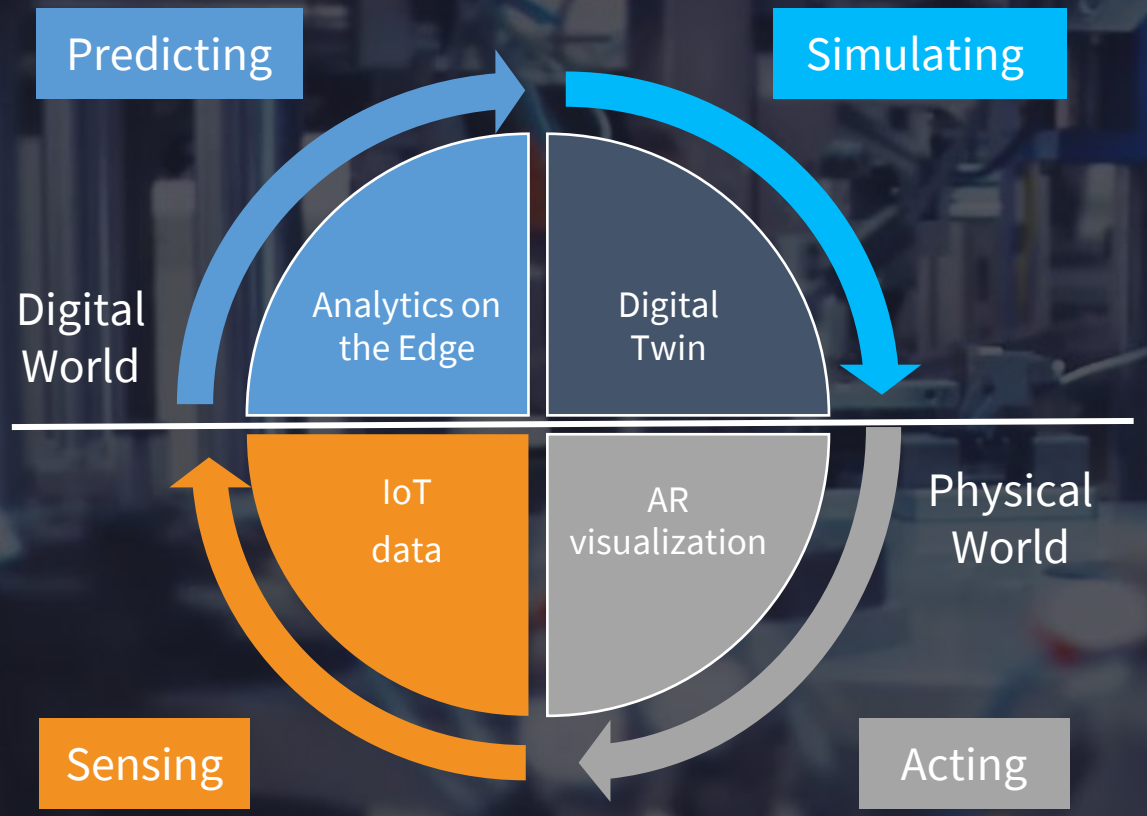

- Cost reduction
- Learning time reduction
- Productivity boost
- Increase knowledge retention

- Complexity management
- Reduce downtime
- Maximize production
- Reduce human errors
- Reduce uncertainty

VISION

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EMPOWER THE WORKFORCE WITH NEW MIXED REALITY & AUGMENTED INTELLIGENCE

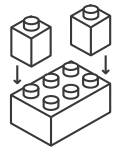
INSTANTLY TELEPORT PEOPLE AND INFORMATION ANYWHERE IN THE WORLD

CREATE THE BRAIN OF MODERN INDUSTRY 4.0

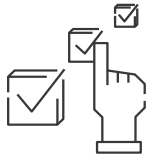
BRAIND40

The platform is composed by several modules which can be combined to adapt to each company needs. Each module **(Planning & Prototyping, Maintenance, Monitoring, Training, Support tools)** and sub-module can be fully customized based on the client's needs and adapted to its specific tasks, data type and environment.
Furthermore, the platform has been designed to be used seamlessly in a local network or Cloud environment, adapting to the security policy of each company.

MAINTENANCE

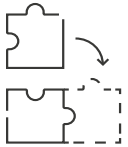


3D MANUAL

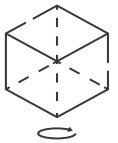


MR CHECKLIST

PLANNING & PROTOTYPING



RELAYOUT



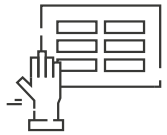
3D MODEL VIEWER

TRAINING (TINALP)

TRAINING

SKILLS

SUPPORT TOOLS



GESTURE INTERACTION

TOOL INVENTORY

REMOTE ASSISTANCE

MONITORING

DATA COLLECTION

ANALYTICS

PREDICTION

REAL TIME PROBLEM REPORTING

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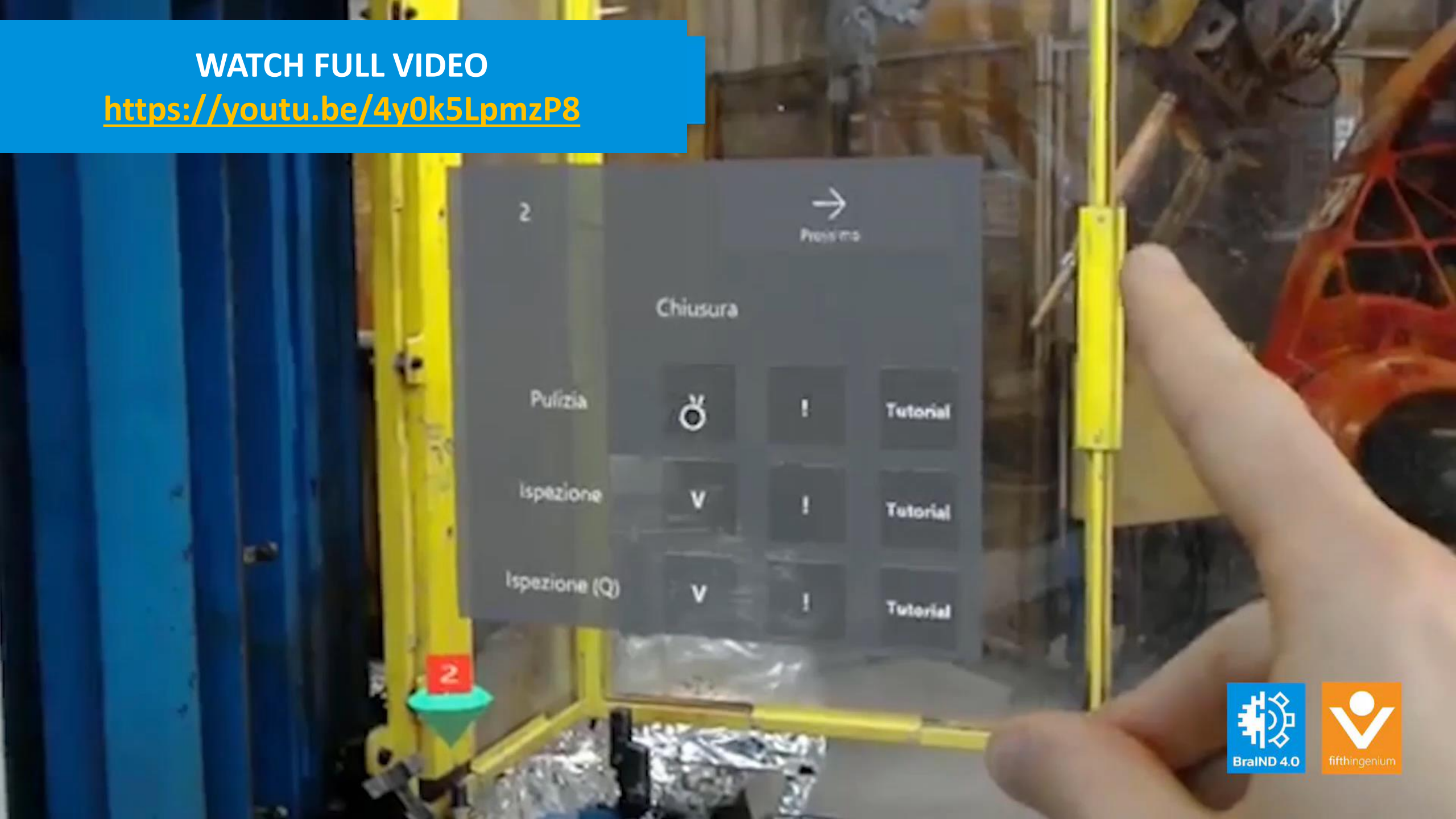
WATCH FULL VIDEO
https://youtu.be/4y0k5LpmzP8
2
Chiusura
Pulizia
Tutorial
Ispezione
Tutorial
Ispezione (Q)
Tutorial
2
BraIND 4.0
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3D REMOTE SUPPORT – EXPERT TELEPORTATION

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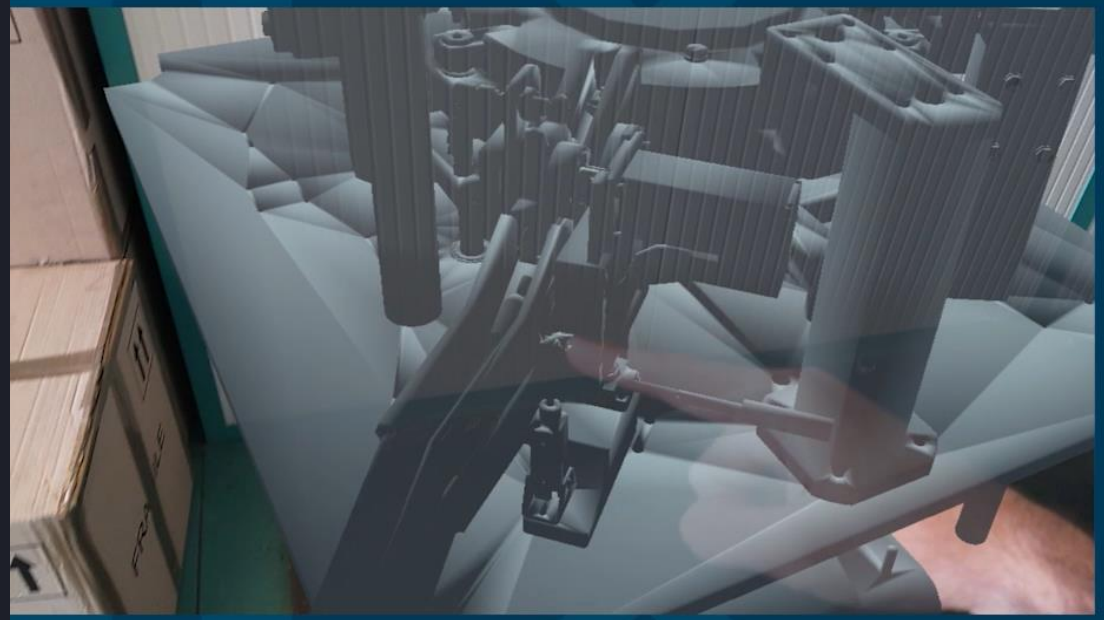
Remote Expert



On-field Worker

WATCH FULL VIDEO
https://go2.is/3dremotesupport

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FULLY INTEGRATED

solution for **industrial machinery manufacturers**
who need to differentiate themselves and offer
superior man-machine interfaces and performances

Education

TINALP

Mixed Reality & Augmented Intelligence for Learning 4.0

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LEARNING BY DOING

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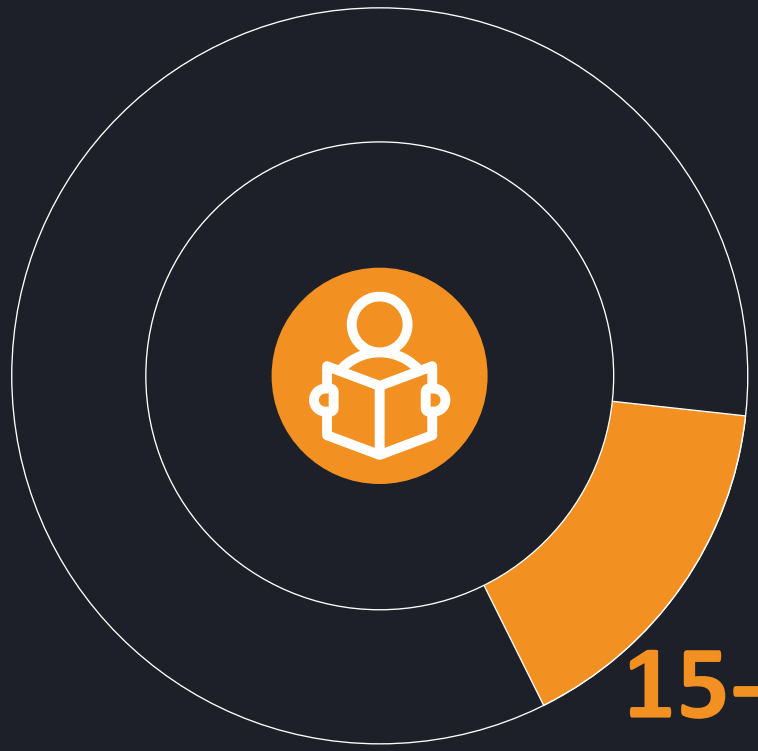
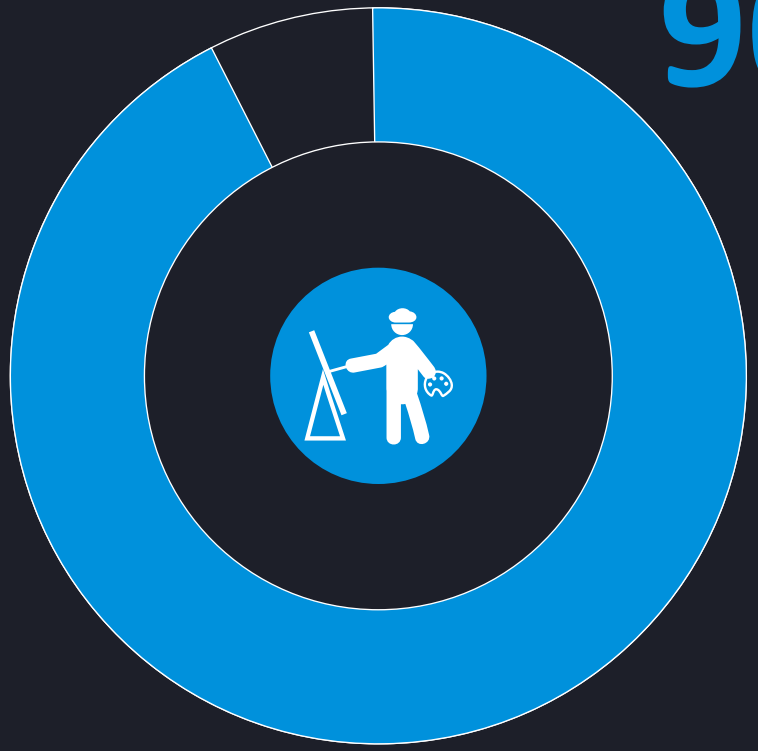


15-30%

Passive learning



90%

Active learning

SOLUTION

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TINALP

Creating advanced learning experience with
Mixed Reality & **Augmented Intelligence**

OPTIMIZE & DIGITALIZE PROCESSES

IMPROVE TRAINING & SKILLS DEVELOPMENT

CREATE A SAFE TRAINING ENVIRONMENT

POWERPOINT FOR MIXED REALITY LEARNING

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CREATION

NOT ANOTHER CAD

COST EFFECTIVE

QUICK

DEPLOY

SECURE GLOBAL DEPLOYMENT

INTUITIVE MANAGEMENT

Decks | Main | Tasks | Questions

Industrial Showcase

WATCH FULL VIDEO
https://go2.is/editorindustrial

INDUSTRIAL TASK

Step 1

TURBINE

Add Step

+ New Media 2D | + New Media 3D | + Add Text 3D

CloseUp.obj

Caption:

CloseUp

Scale:

X 1

Position:

X 0 Y 0 Z 0

Rotation:

X 0 Y 0 Z 0

UNIQUE AR/VR EXPERIENCE

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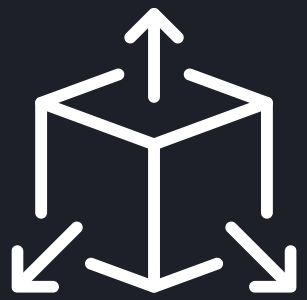


3D CONTENTS

ANY PLACE AND ANY TIME

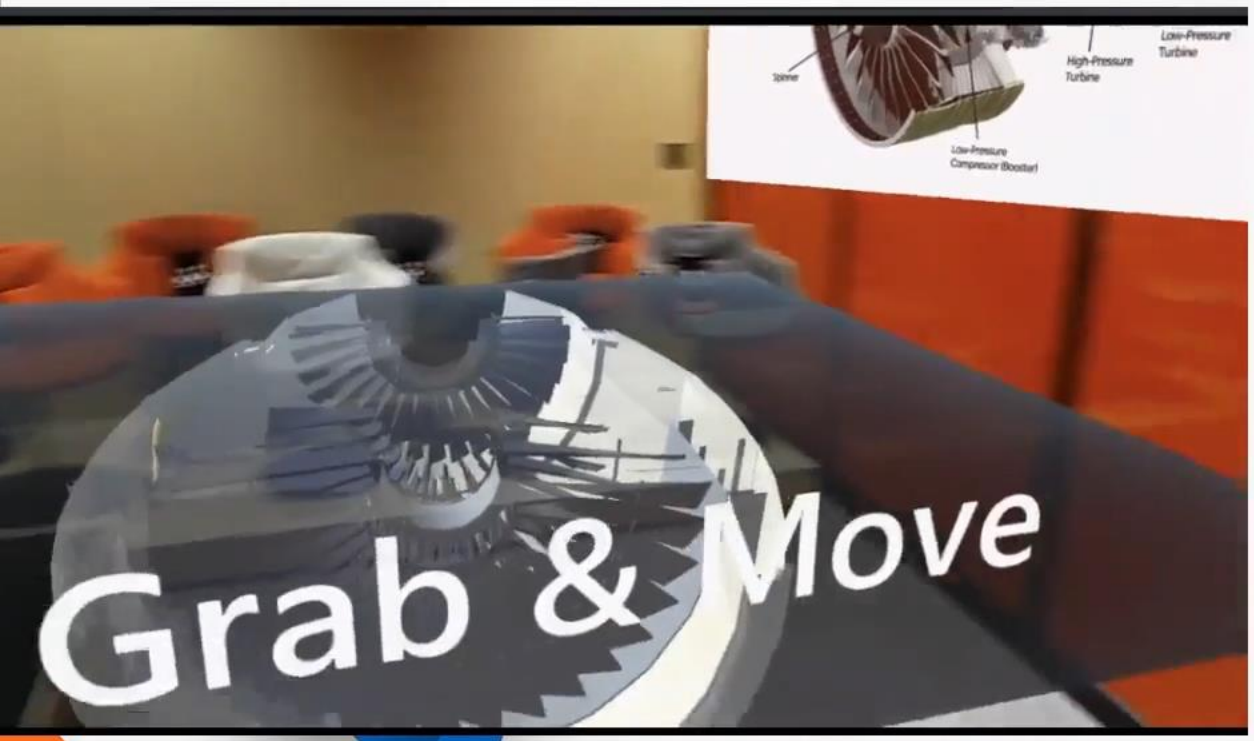
IMMERSIVE EDUCATION

SHARED EXPERIENCE

TINALP

WATCH FULL VIDEO
https://go2.is/tinalp

Trainer View



Trainee View

Real-time clipping

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Vodafone Action for 5G winner 2020/21

Healthcare

SOLUTION

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HOLO DENTIST

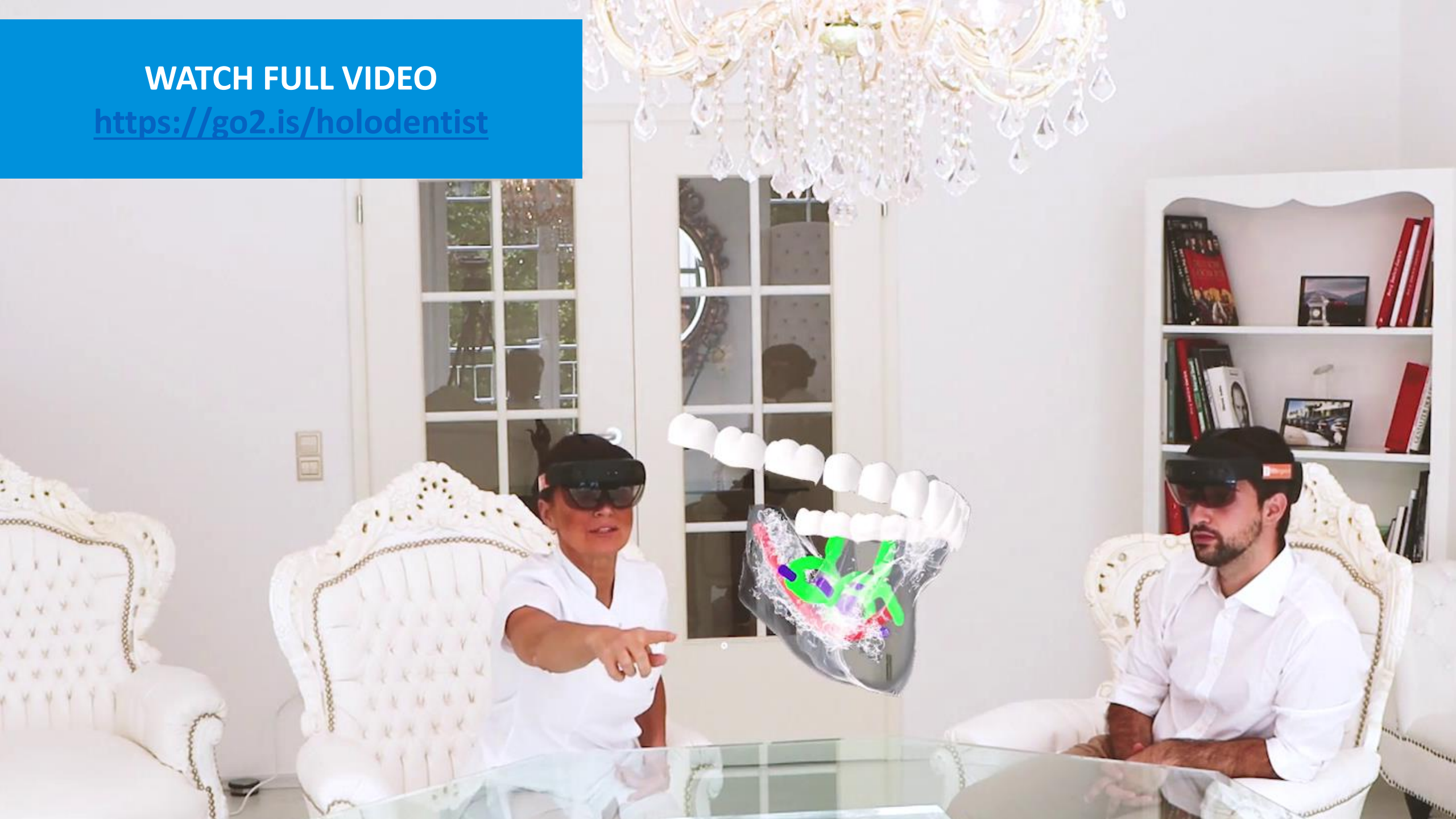
MR communication app
with patients and lab technicians.

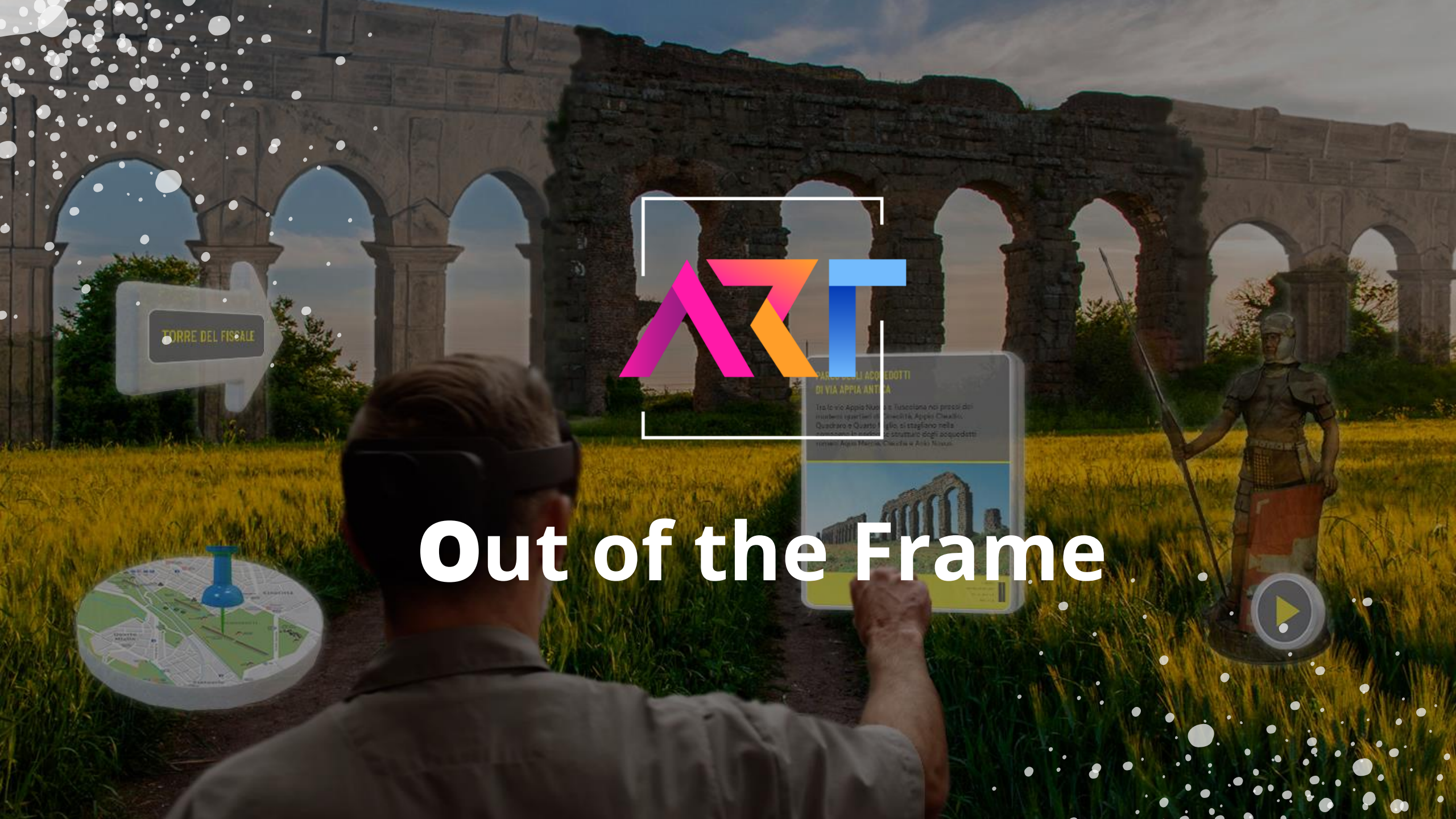
AS SEEN ON

NATIONAL GEOGRAPHIC

PUBLISHED ON:

BMC Oral Health


WATCH FULL VIDEO
https://go2.is/holodentist



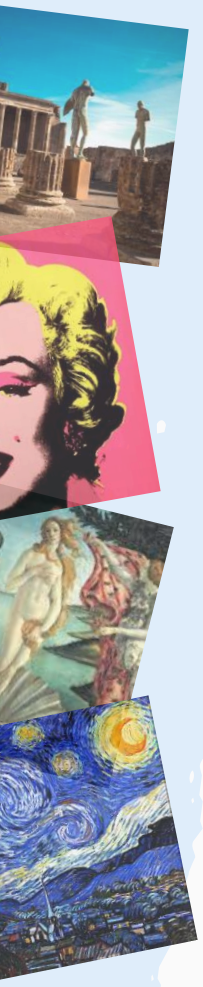
Out of the Frame

Out of the Frame

Create a technological platform based on **eXtended Reality technologies** to support tour operators and event organizers creating a unique journey for travelers **from the destination dream to the on-site experience.**

NEW MUSEUM EXPERIENCE:

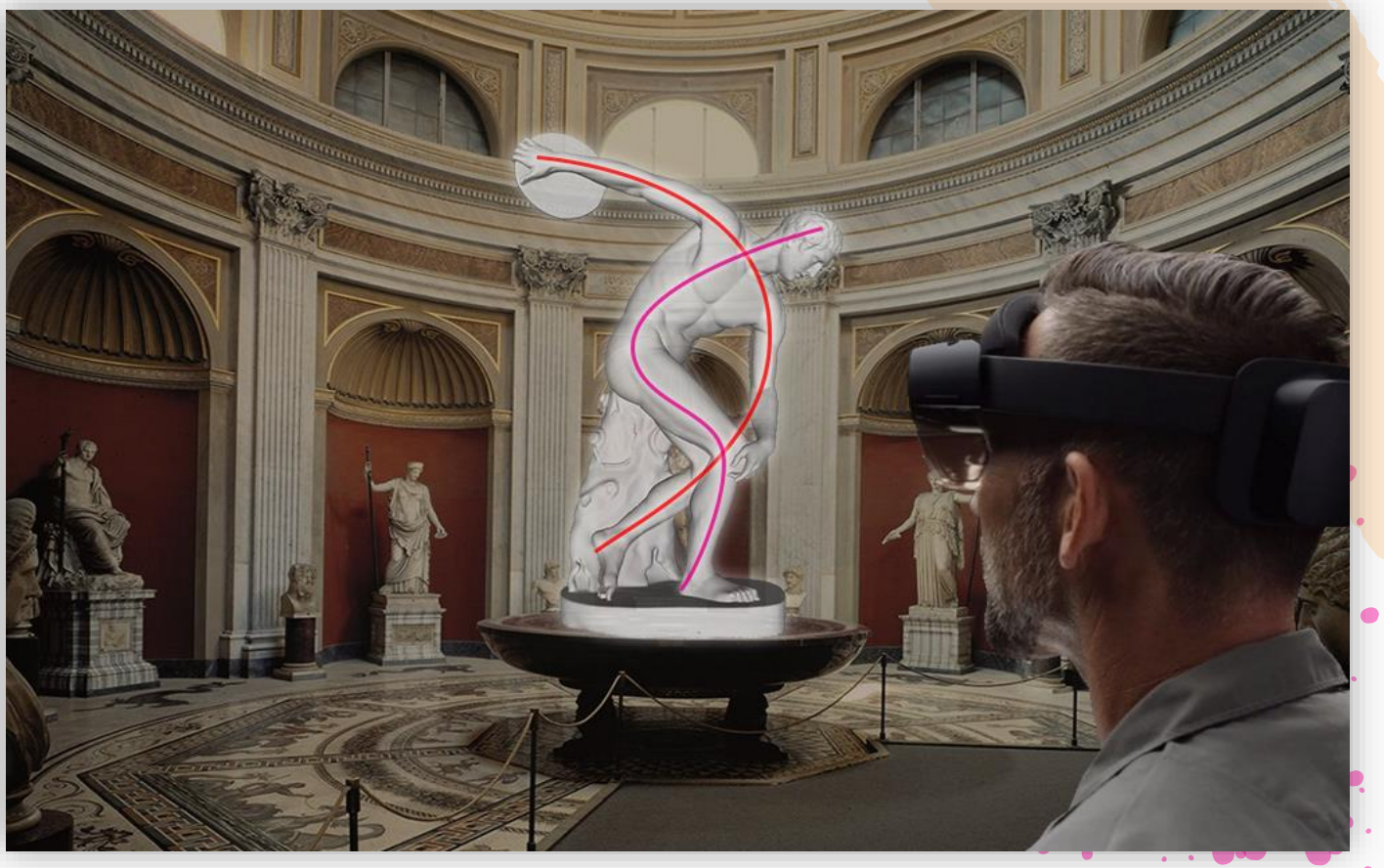
AR experience



NEW MUSEUM EXPERIENCE:

AR experience

Discobolo
455 a.C. Mirone



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