



HOW TO **REDUCE COSTS**

& BOOST PRODUCTIVITY WITH **XR** TECHNOLOGY



WHAT IS XR TECHNOLOGY

Extended Reality (XR)

AR

Overlay the digital content over physical environments

MR

Merge your digital and physical environments

VR

Replace your environment with digital content

CHALLENGES OF TRADITIONAL TRAINING AND SUPPORT

Manufacturing companies face acute and expensive technical maintenance & repair challenges



"Bottlenecks" in operations

- High dependency on experts
- Long training period
- Lack of update & feedback cycles



Skill gaps


- Low engagement of millennials
- Low knowledge retention
- High employee burnout



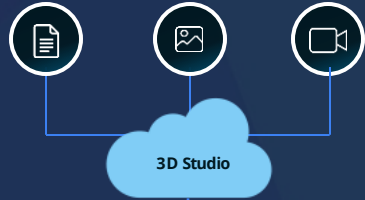
High costs of operations

- Low first time fix rate
- High travel expenses
- Cost of content creation

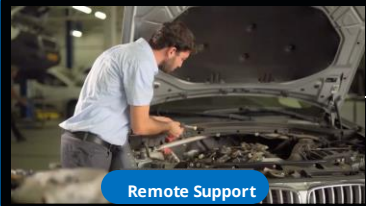
IOT



Flow Builder




3D Studio

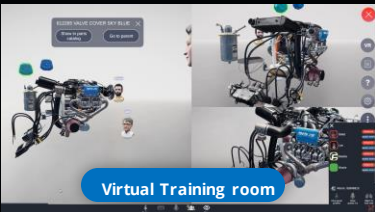


Remote Support

CRM



Animation Builder



Virtual Training room

LMS

LMS



Interactive Flow

ERP



Parts Catalog

BUSINESS ANALYSIS - SUPPORT

Onsite visits

250 visits/month

30%



\$650,000

Annual savings

- Remote resolution **60%** → **65%**
- First-time fix rate **70%** → **85%**

Remote support

2,000 sessions /month

34%



\$489,600

Annual savings

- **10%** fewer calls
- **15%** shorter call duration

BUSINESS ANALYSIS - TRAINING

Training travel

30 trips/month

50%



\$360,000

Annual savings

- Self pace learning
- Virtual training rooms

Machine time

400 hours /month

50%



\$720,000

Annual savings

- 50% fewer face-to-face training

ENVIRONMENTAL CONTRIBUTION



Two **CO2** emission reduction sources

1,800

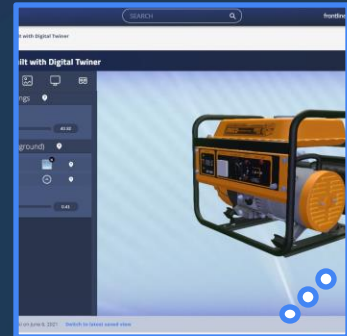
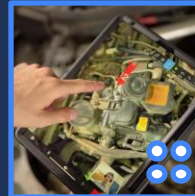
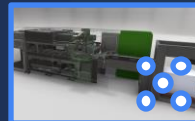
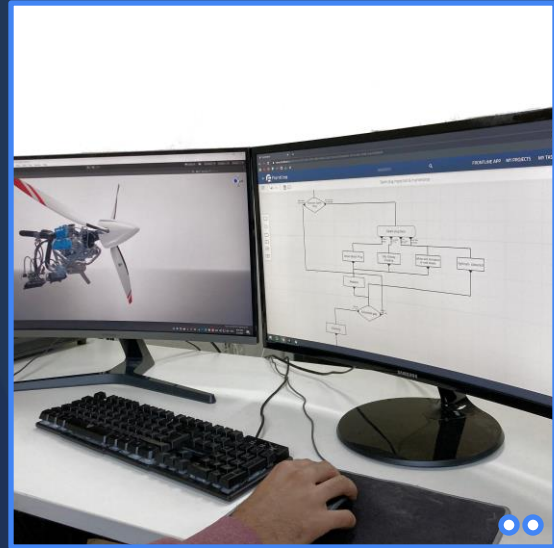
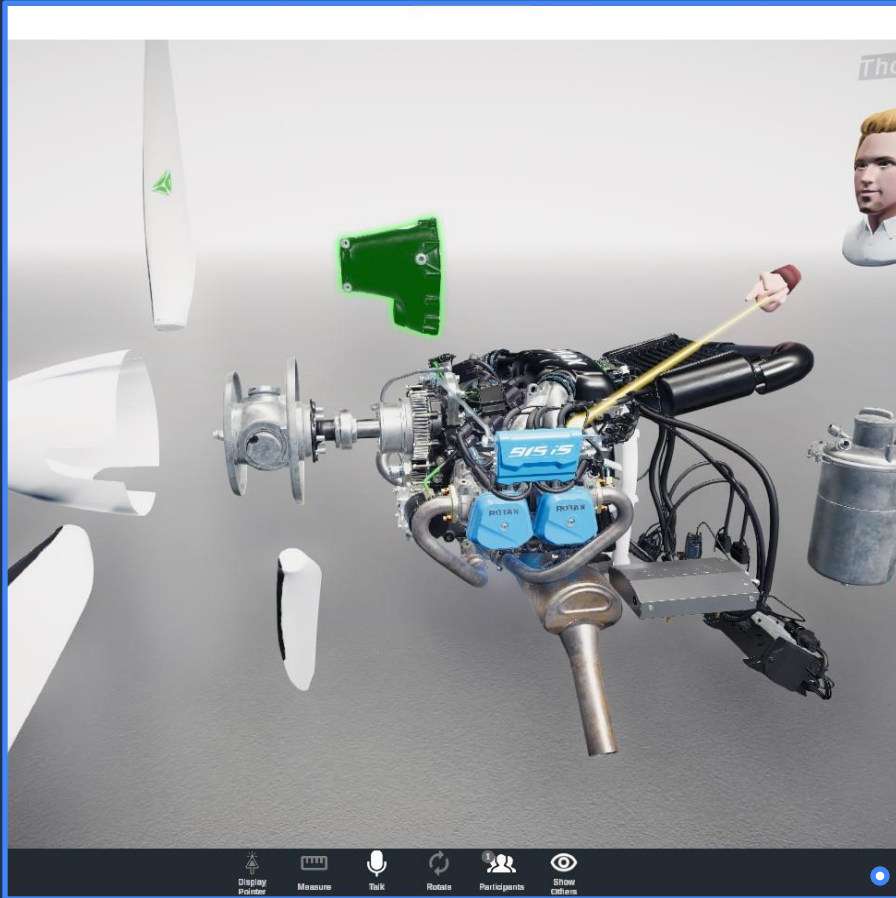
fewer car travel hours per day

360

fewer flights



Annual saving of **550** Ton **CO2**



• VTR •• Flows •• Digital Twin •• Remote assist •• Digital Twin

Thank You!
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