



# Enterprise XR Platform for Web-Based XR Training & Collaboration

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# About iQ3Connect

Transform immersive 3D into a scalable, pervasive, communication tool for enterprises to save time, reduce costs, and achieve sustainable operations.

Provide an open, inclusive, and collaborative 3D immersive platform that accelerates the world's ability to share, learn, and absorb complex ideas.

Our technology foundation is based on 15+ years of R&D on 3D design systems at MIT, NASA, DoD, & Industry



# The Challenge: Creating VR/AR experiences is expensive & hard to scale



Expert programmers  
Specialized dev tools  
3D designers & artists  
VR device specific apps  
Complex deployment



# The Solution: Effortless Live Multi-User 3D Collaboration

iQ3



Dashboard x iQ3 3D VR Meeting x +

https://meet.iq3connect.com/iq3/index.html?meetingId=5f20733be488dd4028fbbccf

**Secure 3D Zoom-like workspaces** for efficient design, manufacturing, and training processes with complex data

**Identify and resolve** manufacturing issues with stakeholders in a 1:1 scale accurate 3D visual environment

**Access, share, and manipulate** 3D drawings in a standard web browser from **any device**

Presenter: colin

michael

alimerchant

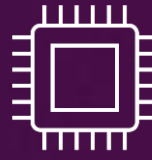
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# iQ3Connect value proposition & differentiators



## Easy to Use

Focus on regular user not experts/developers



## XR Performance

Utilize 3D data without simplification or manual preparation



## 3D data pipeline

Automated processing for CAD and point cloud data



## Easy Web-Browser Access

No software installation, no app downloads



## Device Agnostic

VR, AR, PC, Tablet, Mobile for maximum portability



## Enterprise Friendly

Integrate easily into business systems and tools

- Immersive (VR/AR) virtual workspaces for broad remote collaboration with focus on training aspects
- Easy to deploy, easy to use with focus on the “regular” collaborator and not the expert user/programmer
- Rapid training creation w/o expensive developers
- 100% browser based (no software downloads)
- 100% cloud based (on-premise, private cloud, AWS, Azure, etc.)
- Data Agnostic (3D CAD, Point Cloud, etc.)
- Device Agnostic (VR, AR, MR, Desktop, Laptop, Tablet, etc.)

VR = Virtual Reality  
AR = Augmented Reality  
MR = Mixed Reality

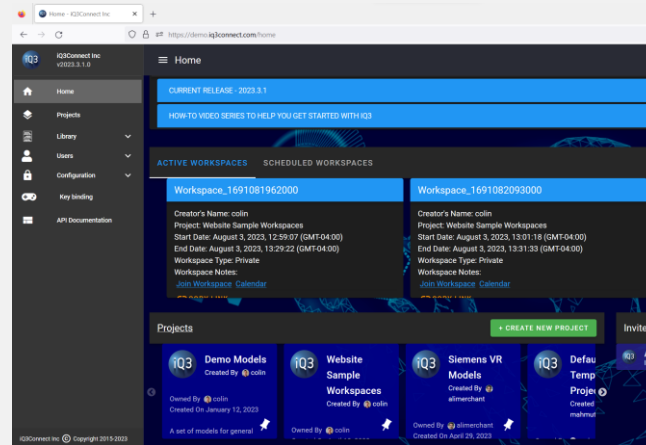


# How it works – frictionless process

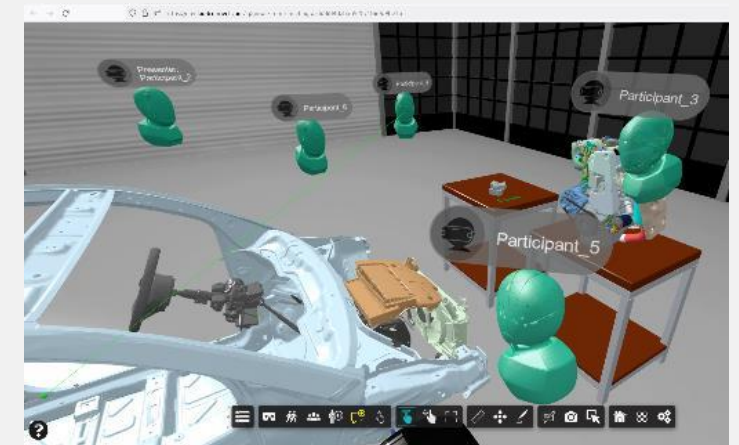


Customer Storage Systems (PLM etc.)

- ✓ 3D Models
- ✓ Images / Videos (incl. 360-degree)
- ✓ Documents
- ✓ PDFs
- ✓ Just about anything!
- ✓ Designed for heterogeneous environments



IQ3 Centralized Enterprise Dashboard for users to launch 3D classroom, manage & author training content with low-code tools, & integrate into business tools (LMS etc.)

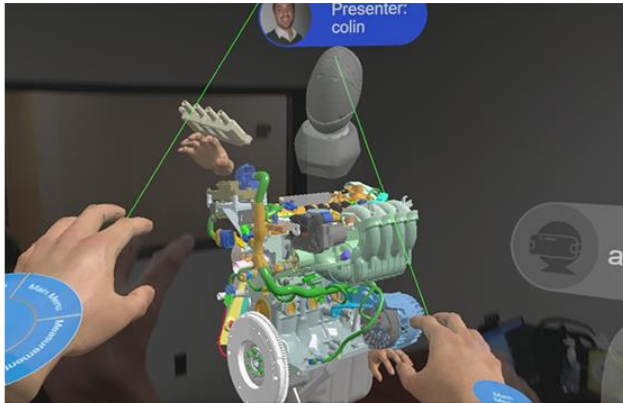


IQ3 Instant 3D zoom-like meeting spaces launched in web browser for collaboration and training



IQ3 platform can be installed on secure on-premise customer servers

# Multiuser XR Collaboration - Use Cases



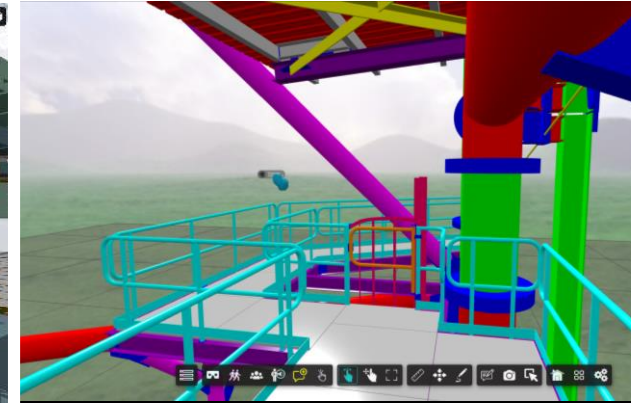
## Design Reviews

Immersively review virtual content with the entire team in real-time. Enable key decision makers to easily interact with 3D models.



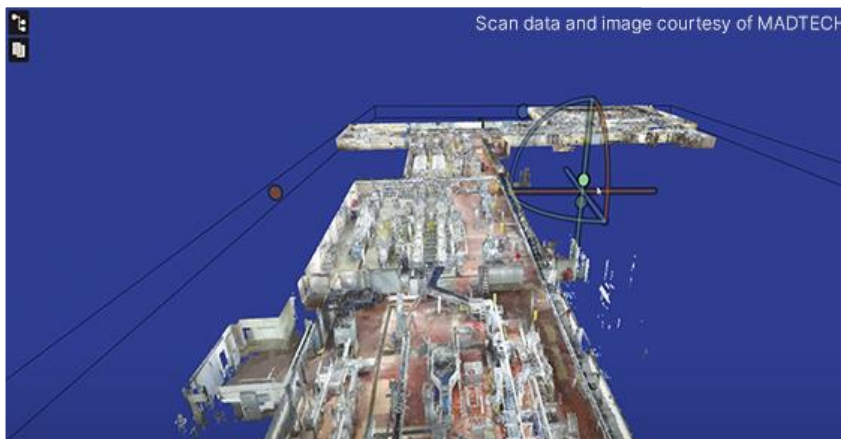
## Virtual Build Simulations

Verify that your design can be built by collaborating with the engineering and manufacturing teams on the virtual 3D model



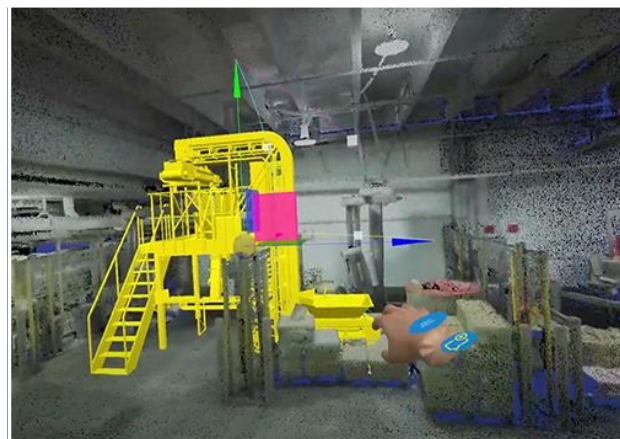
## Virtual Walkthroughs

Whether for planned or existing structures, easily walkthrough your virtual facility anytime, from anywhere



## Facilities Planning

Enable virtual bidding, project layouts, job walks, etc. with a 3D immersive model of your facility



## Retrofits

Seamlessly combine scans (point clouds) with CAD to better prepare and plan for retrofit operations

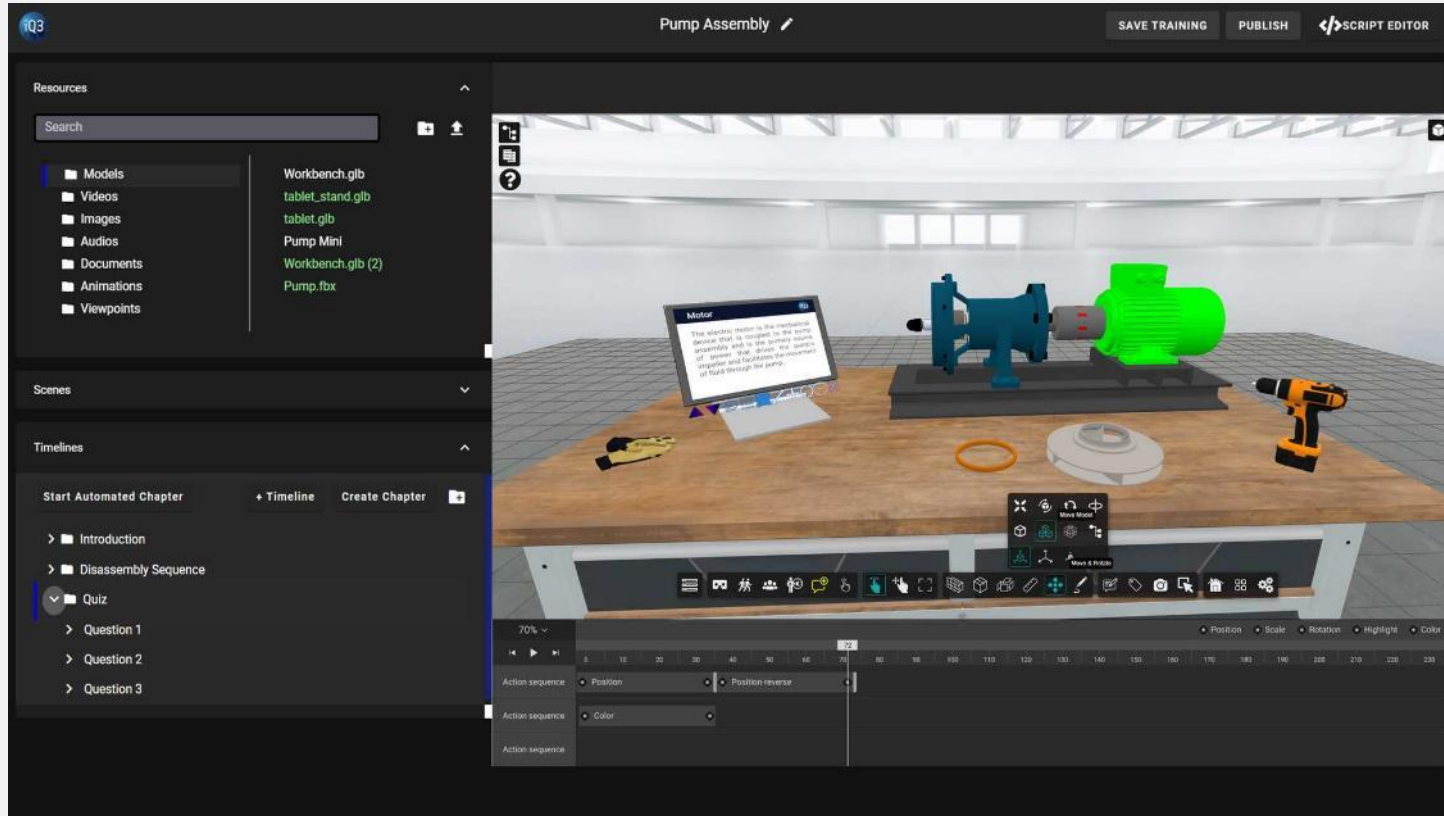
**“iQ3 is as easy as Zoom.  
It’s VR on demand!”**

**- Joe Strelow  
President, AVL Power Systems**

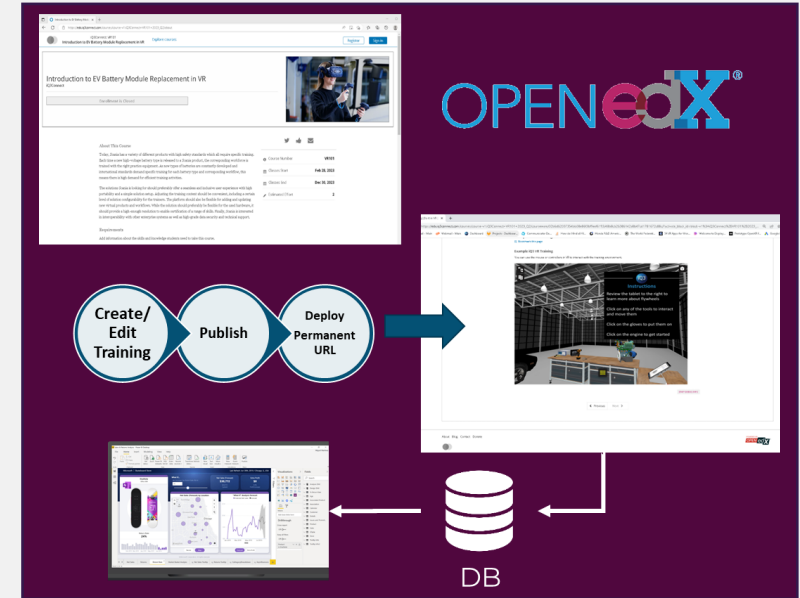




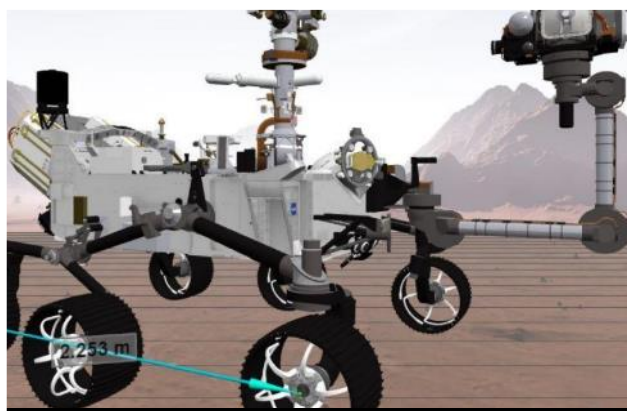
# Author & Deploy XR Training



Powerful training engine.  
Build complex training using **existing 3D content with no-code** authoring tools.



# Author & Deploy XR Training - Use Cases



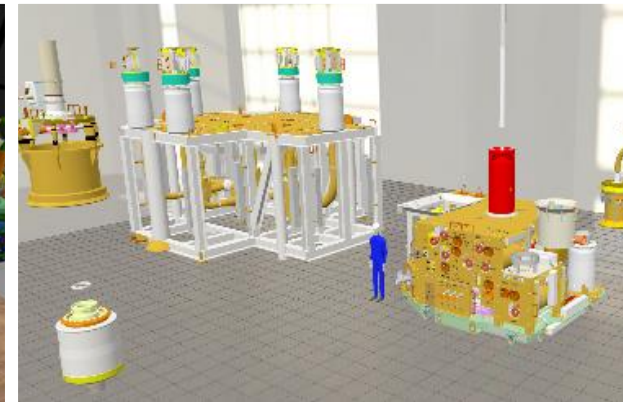
## Product Training

Share product knowledge in an immersive and interactive way



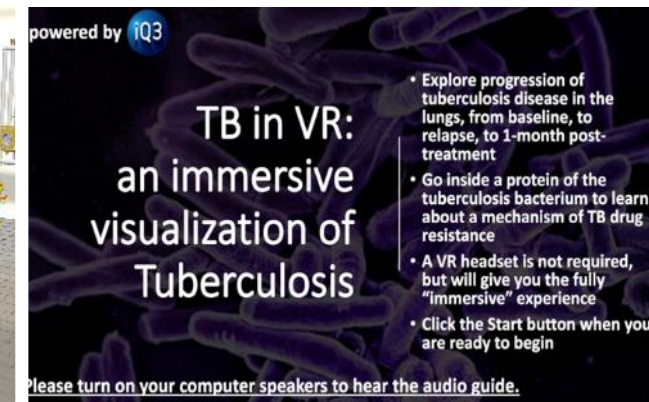
## Operator & Process Training

Train, practice, & test operations & procedures in an immersive & interactive environment



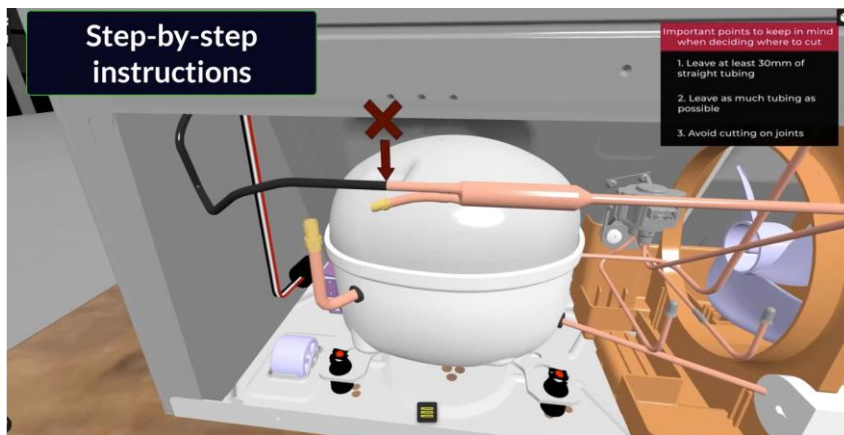
## Virtual Showcase

Guided experiences for free exploration of virtual models for customer demonstrations, trade shows, etc.



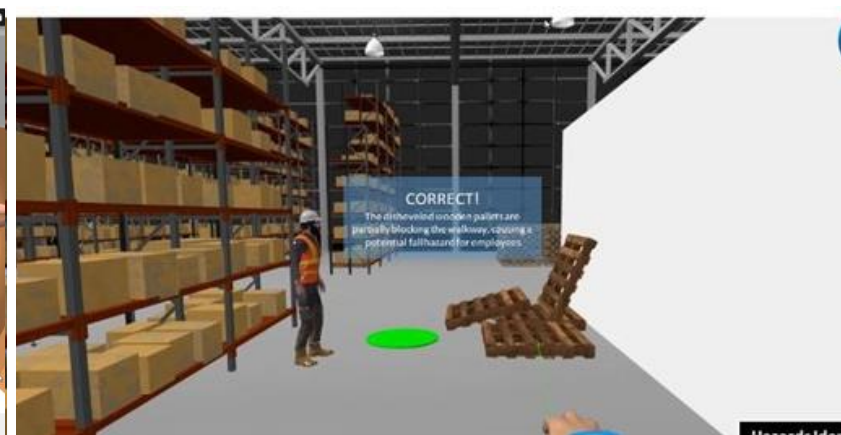
## Education / Vocational

Learn & Explore on interactive virtual models in a variety of fields such as biology, medicine, mechanical engineering, etc.



## Virtual Build, Disassembly, & Maintenance

Practice & verify proficiency in virtual build, disassembly, and/or maintenance operations



## Gamified Safety & Hazard Training

Identify & remedy hazards & ensure safety compliance all from within a safe, virtual environment



## Health, Safety, & Environment Training

Identify & remedy hazards & ensure safety compliance all from within a safe, virtual environment





Thank you!



**Contact Us!**



**iq3connect.com**