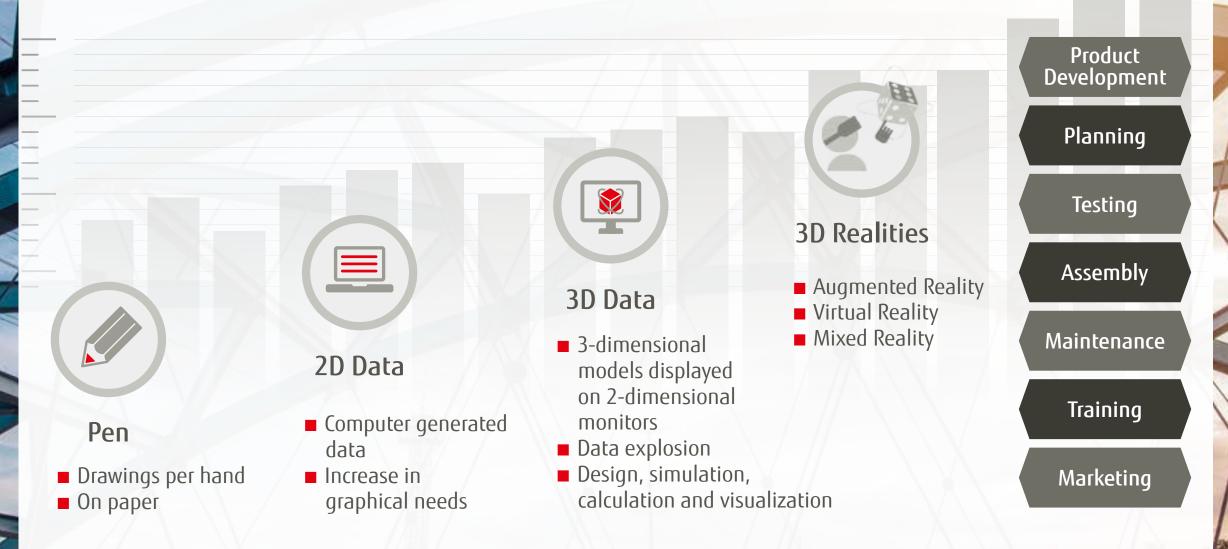


Create. Innovate. We Are (VR) Ready.



# Workstation Graphics Power Fuel Innovations and Drive Digitalization



## Reality Spectrum

### MIXED REALITY (MR)

Mix of reality and digital, computer generated content

Real Environment

Reality Real wo

Augmented Reality (AR)

Real world with digital

information & data overlay

Augmented

Merging of reality into virt

Augmented Virtuality (AV)

Merging of real world objects
into virtual worlds

Virtual Environment
Computer generated world
simulating the real world



## Professional Usage Areas





Retail



Healthcare



Media & Entertainment



Architecture



Defense

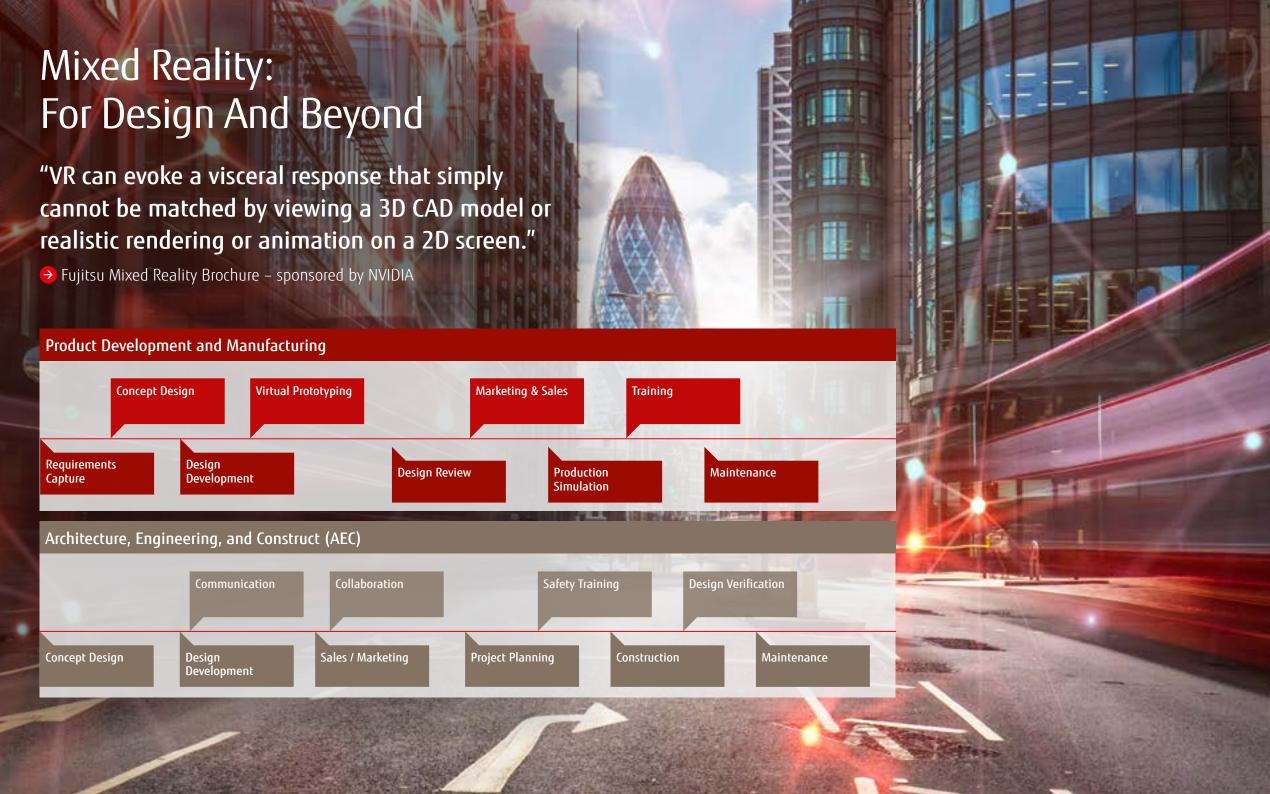


Aerospace



Show & Tell





The Virtual Reality Ecosystem
Are You Aware Of What It Takes
To View Your Data In VR?

### Data pipeline

Take your existing 3D data or enrich it due to missing information (manual or semi-automated)

Import data into a VR engine (Unity, Unreal, Autodesk VRED, ESI IC.IDO, etc.)

Bake lighting into scene for a more realistic experience (ray tracing)

Define your storyline,
i.e. the interaction in the VR scene
(animation, teleportation, walk-around, etc.)

### Choose hardware



VR-ready graphics and maximum frequency processor

Highly recommended in order to ensure a smooth operation and a future proof investment (e.g. for collaborative scenes).



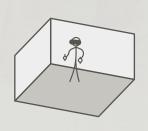
Choose a professional head-mount display (HMD) like the HTC Vive, Oculus Rift or a Mixed Reality Headset

Test your VR scene upfront!

### Choose the experience



Seated: good for jumping between CAD and VR



Room scale: good for design review or customer presentations

# Professional Virtual Reality Experience with VR-READY Certified Workstations









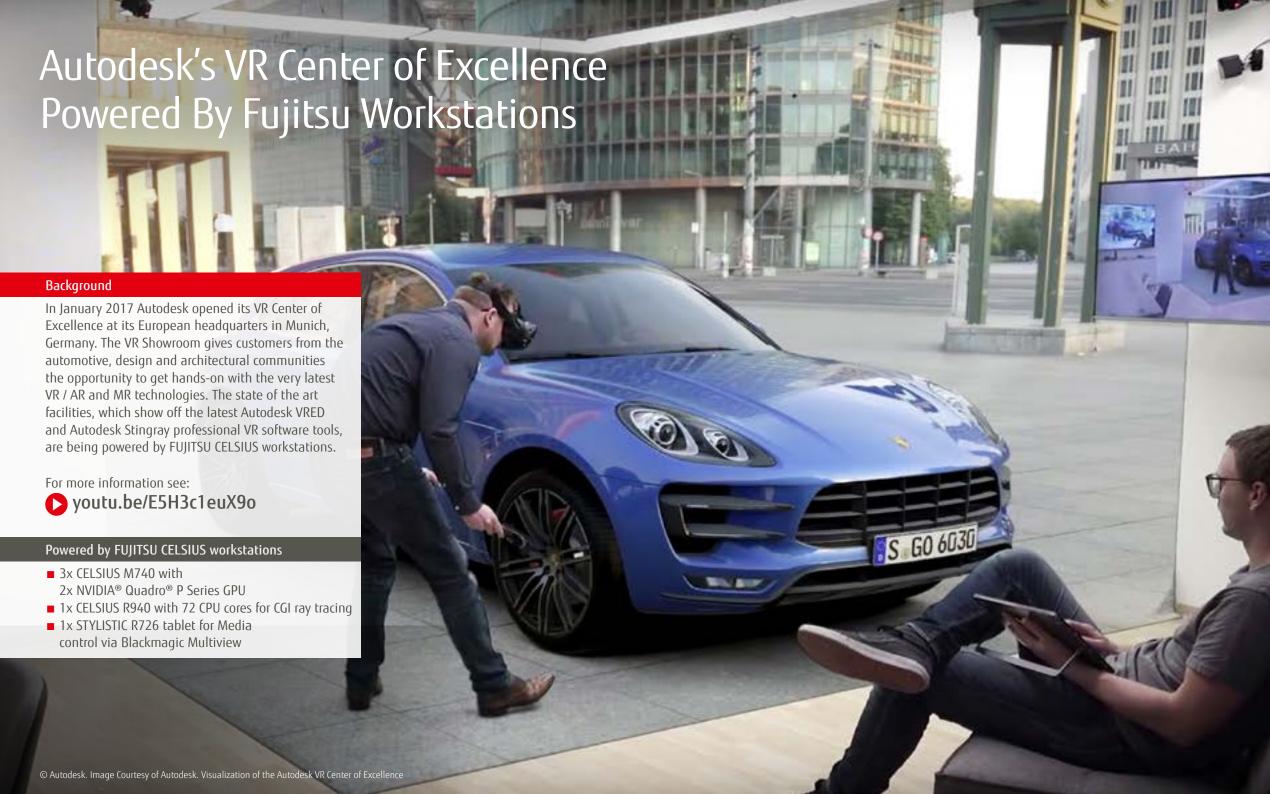
	CELSIUS H970	CELSIUS W570	CELSIUS M770	CELSIUS R970
	17.3-inch mobile workstation	World's smallest VR-ready desktop workstation	Cable-free and whisper quiet	Up to 56 cores / 112 threads
Head-Mount Display (HMD)	Fujitsu recommends HMDs with a minimum of 90 frames per second			
Processor	Intel Core i7 or Intel Xeon processor with maximum frequency			
VR-Ready Graphics	AMD Radeon Pro WX or NVIDIA Quadro professional, VR-ready graphics cards			



Fujitsu Offers A Future Proof Virtual Reality Experience:

- → High-fidelity visuals
- → High interactivity / tracking
- → Stereo real-time rendering
- → Fully immersive

- → Ultra-high frame rate
- → Ultra-high resolution
- → Ultra-low latency





Testimonials
Here's what our customers say:

### **Education** Higher Education

"Our students used Unreal to design a virtual reality Ethiopian village environment to explore using Oculus Rift within the dedicated VR lab in order to promote the charity WaterAid. It's that type of ingenuity – as well as experience with the best technology – that will serve them well as they enter the job market."

London Design & Engineering UTC

## Manufacturing

"If we miss an error during the materials assembly stage, it leads to rework in subsequent stages abd delays in the final construction schedule. Our objective was to ensure we could catch every error by harnessing the power of ICT in the inspection of assemblies"

#### Hiro Nishihara

Executive Director and Factory Manager, Oyama Factory, TOMOE Corporation

# **M&E**Media & Entertainment

"To meet computational requirements, we needed hardware at the highest level. The significant benefits that Fujitsu's powerful graphics workstations give us include primarily the ability to accelerate the implementation of projects and the effective implementation of these changes."

#### Dominik Koziarski

New Business Manager, i3D Network S.A.

### FUJITSU TECHNOLOGY SOLUTIONS GMBH

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