



Automotive Virtual Design Review on AWS

Autodesk VRED streamed to any XR
device from AWS using NVIDIA Cloud
XR

David Randle

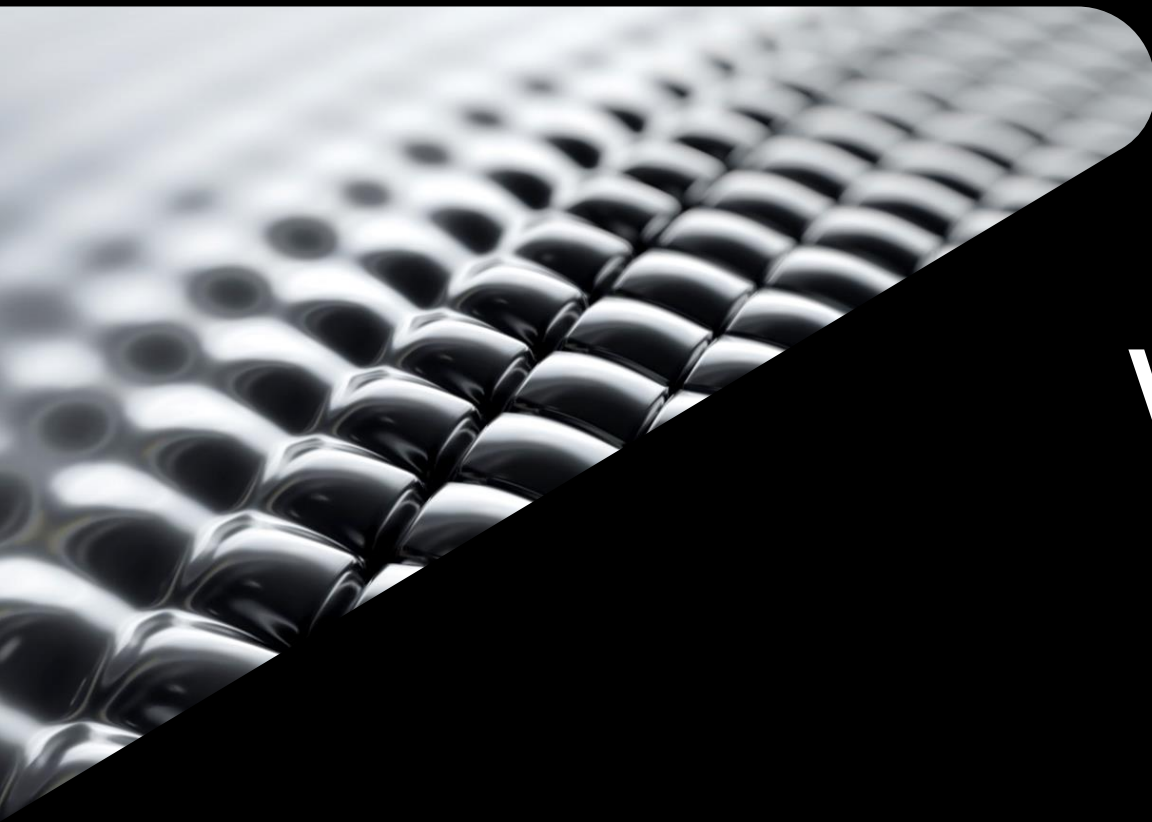
Global Head GTM – Spatial Computing AWS



David Randle

Humanizing digital worlds @ AWS





Virtual Design Reviews

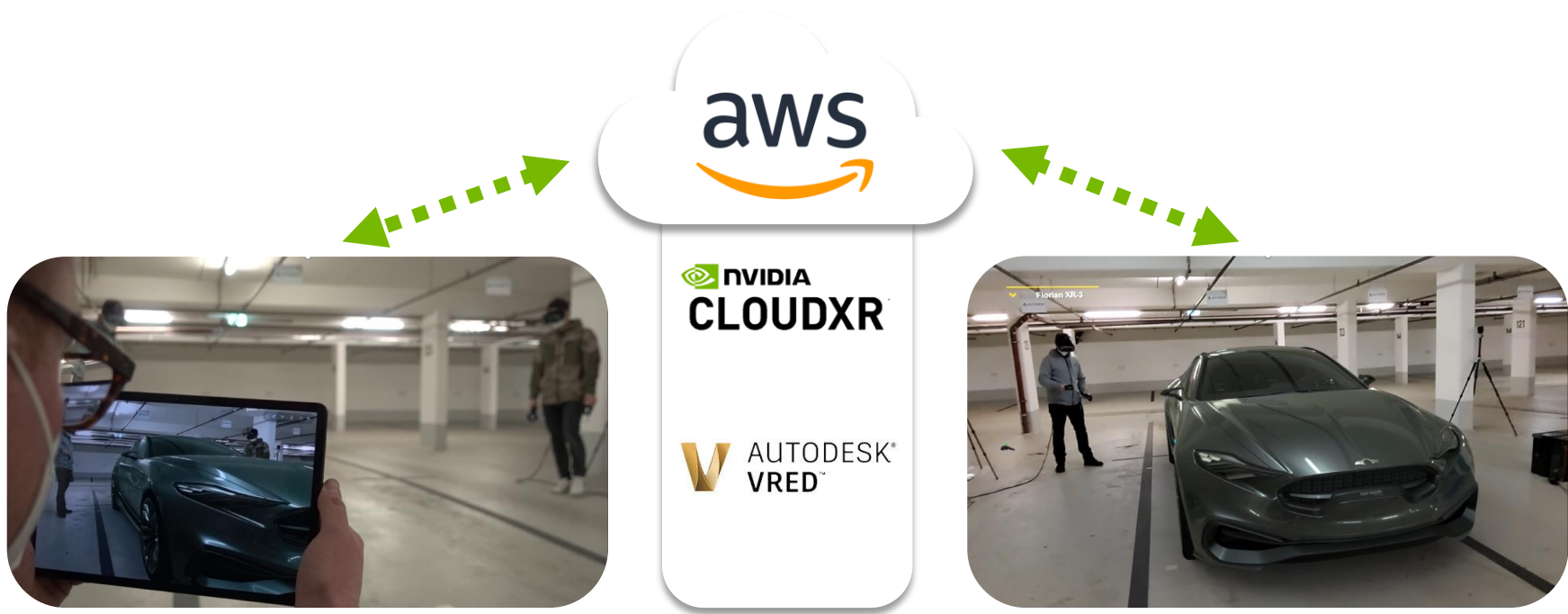
Use-case

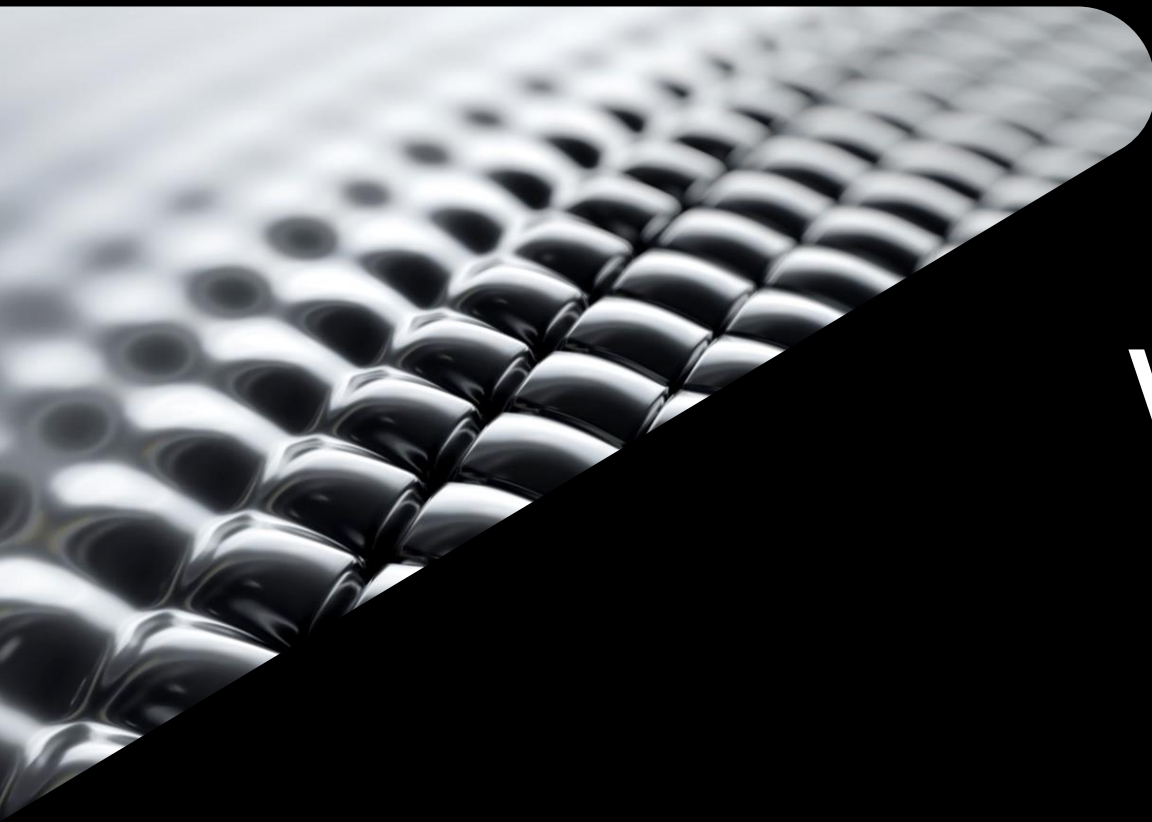




Solution

Autodesk VRED and NVIDIA Cloud XR
on AWS EC2 G5

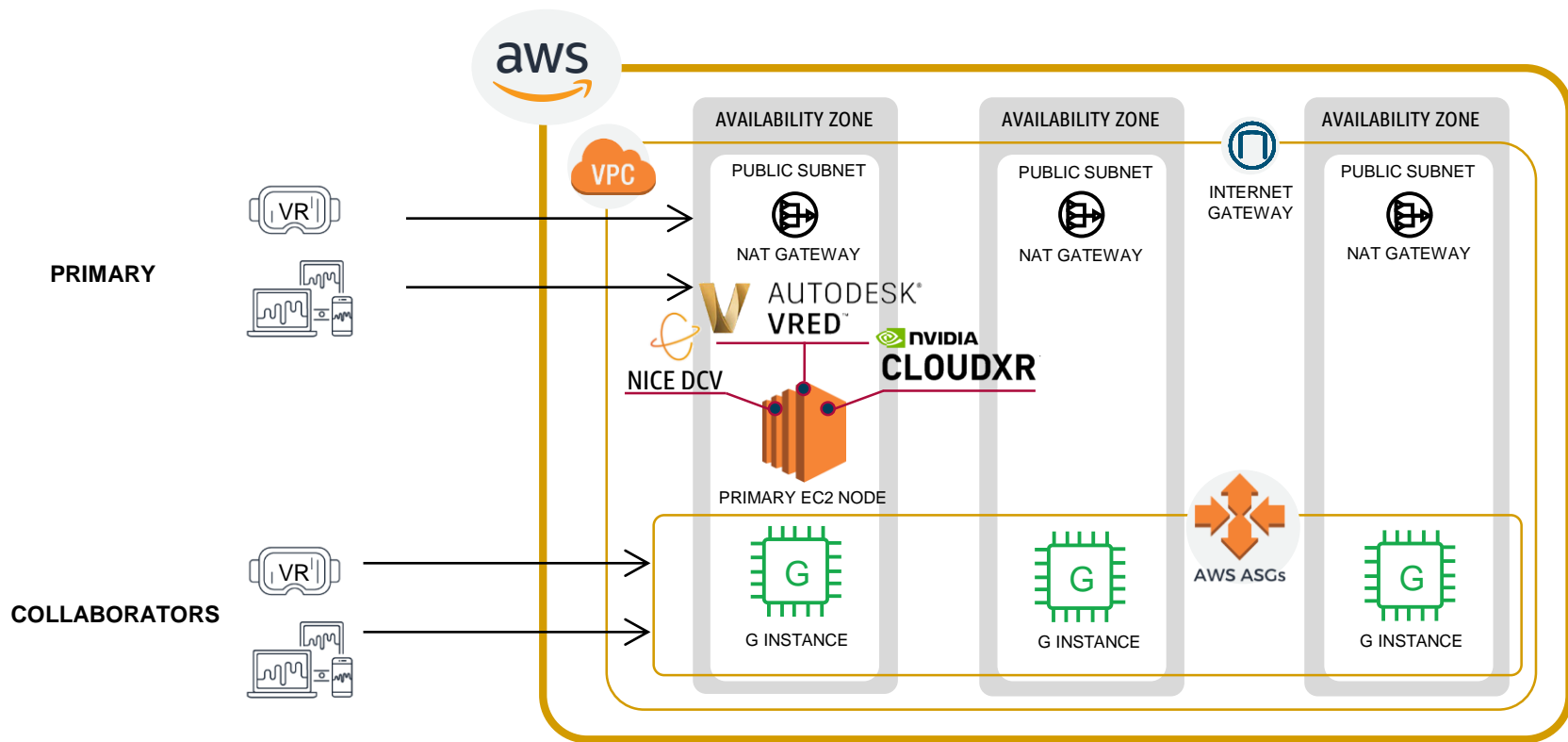




Virtual Design Reviews

Architecture

Quick Start: Autodesk VRED and NVIDIA Cloud XR on AWS EC2 G5



Amazon EC2 G5



- High performance for graphics-intensive applications
- AWS NVIDIA A10G Tensor Core GPU
- NVIDIA drivers
- High performance networking and storage
- Built on AWS Nitro System

TCO (Total Cost of Ownership)

Less than the cost of a single “VR-Class” workstation per year

1

**DESIGN
PROGRAM**

3

**REVIEWS
PER WEEK**

2

**HOURS PER
REVIEW**

5

**CONCURRENT
PARTICIPANTS**

“For high-end VR/XR applications, Amazon EC2 G5 instances are a game-changer. We’re able to run professional applications in Varjo’s signature human-eye resolution with three times the frame rate compared to G4dn instances used before, providing our customers with never-before-seen experience quality when streaming from server. ”

Urho Konttori

Founder and Chief Technology Officer, Varjo

