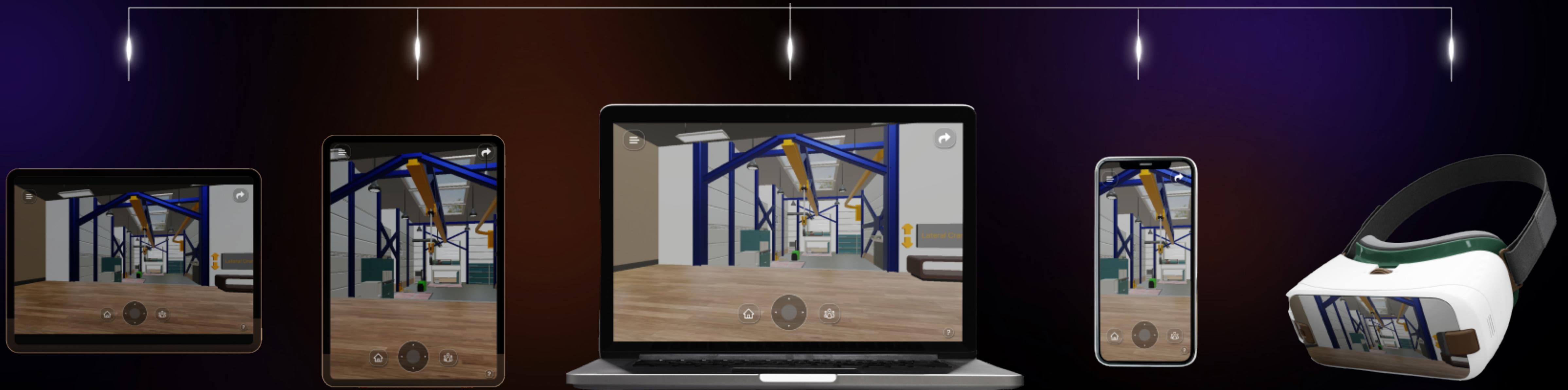


Microverse World Builder



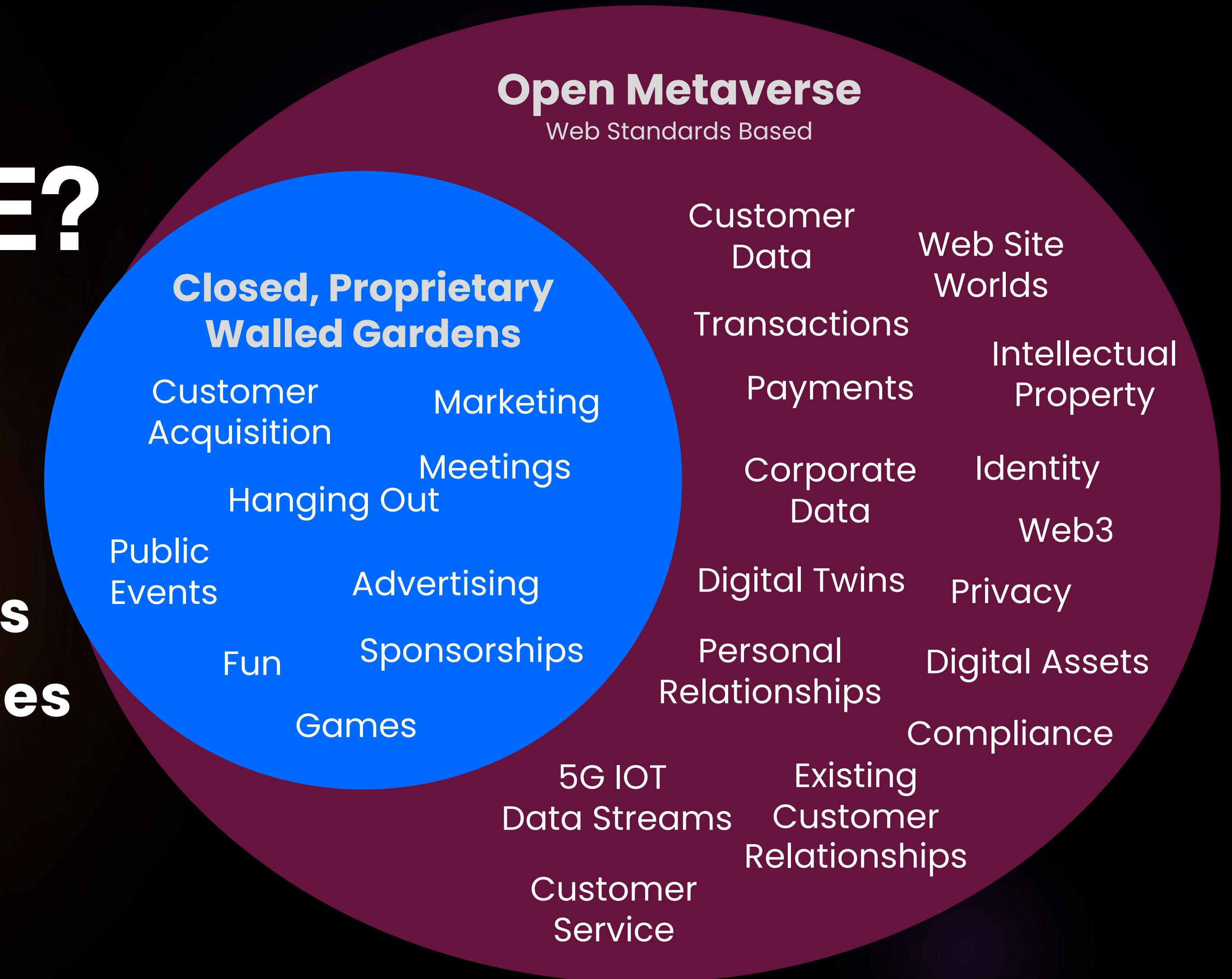
CROQUET OS
THE OS for the Open Metaverse



AWE AUGGIE Award Winner
'22 Startup to Watch

WHAT IS THE OPEN METAVERSE?

- **Decentralized Worlds**
- **Publish anywhere**
- **Interoperable everywhere**
- **Maintain economic / IP rights**
- **Billions of Independent Spaces and Worlds**
- **Together They Make Up The Metaverse**



MICROVERSE WORLD BUILDER

powered by  CROQUET

GUTENBERG PRESS FOR PUBLISHING OPEN METAVERSE WORLDS

Create Open
Metaverse
Worlds Instantly

Natively Multiuser &
Ultra Low Latency

Anyone Can Join
Using Any Device

Retain Economic
& IP Rights

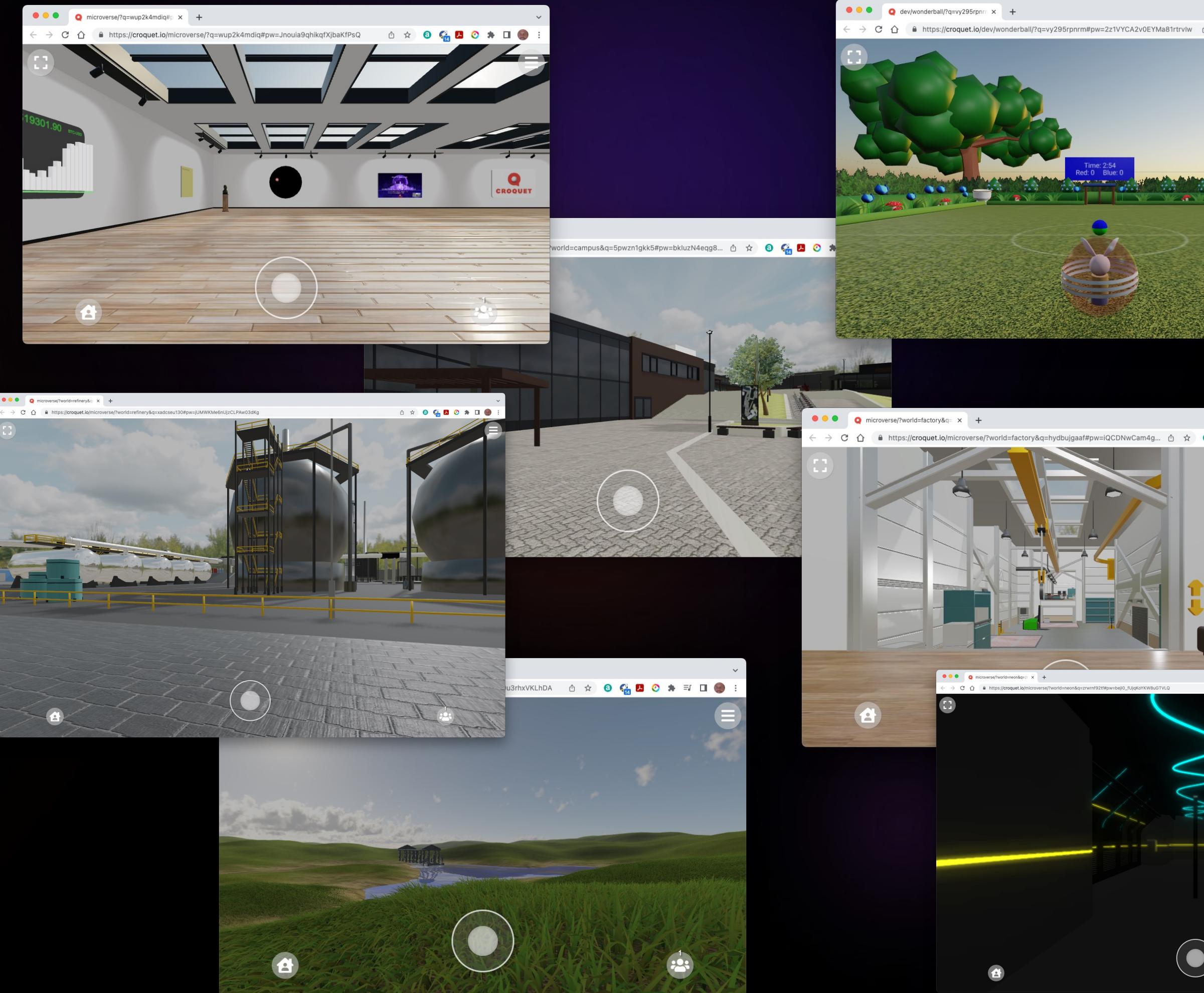
Publish to any Web
Server

Avoid the
Proprietary
Platforms

Interoperable to the
Open Metaverse

Built on open web
and browser
standards

Like Movable Type,
Enabling Open
Metaverse
Development



CROQUET OS

THE BROWSER-BASED OPERATING
SYSTEM FOR THE
OPEN METAVERSE

CROQUET DEVELOP & DEPLOY ENVIRONMENT

LIVE CODING WITH
A DEVELOPER IDE

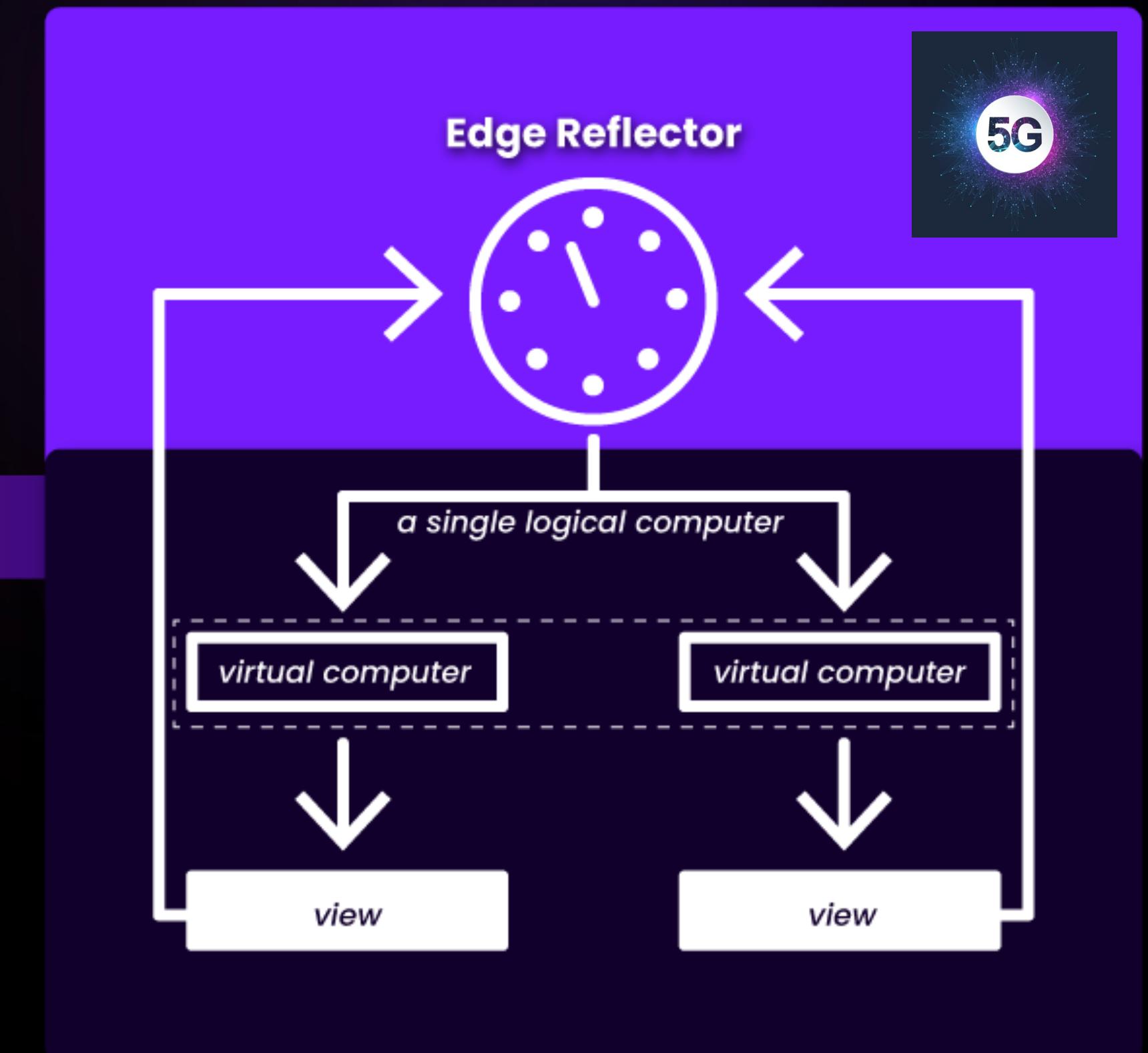


CROQUET OS
SHARED VIRTUAL MACHINE

WEB BROWSER

ANY USER DEVICE

CROQUET REFLECTOR NETWORK



CROQUET OS

THE BROWSER-BASED OPERATING
SYSTEM FOR THE
OPEN METAVERSE

CROQUET DEVELOP & DEPLOY ENVIRONMENT

LIVE CODING WITH
A DEVELOPER IDE



METAVERSE

Shared experiences, spaces and worlds

METAVERSE
WORLD BUILDER

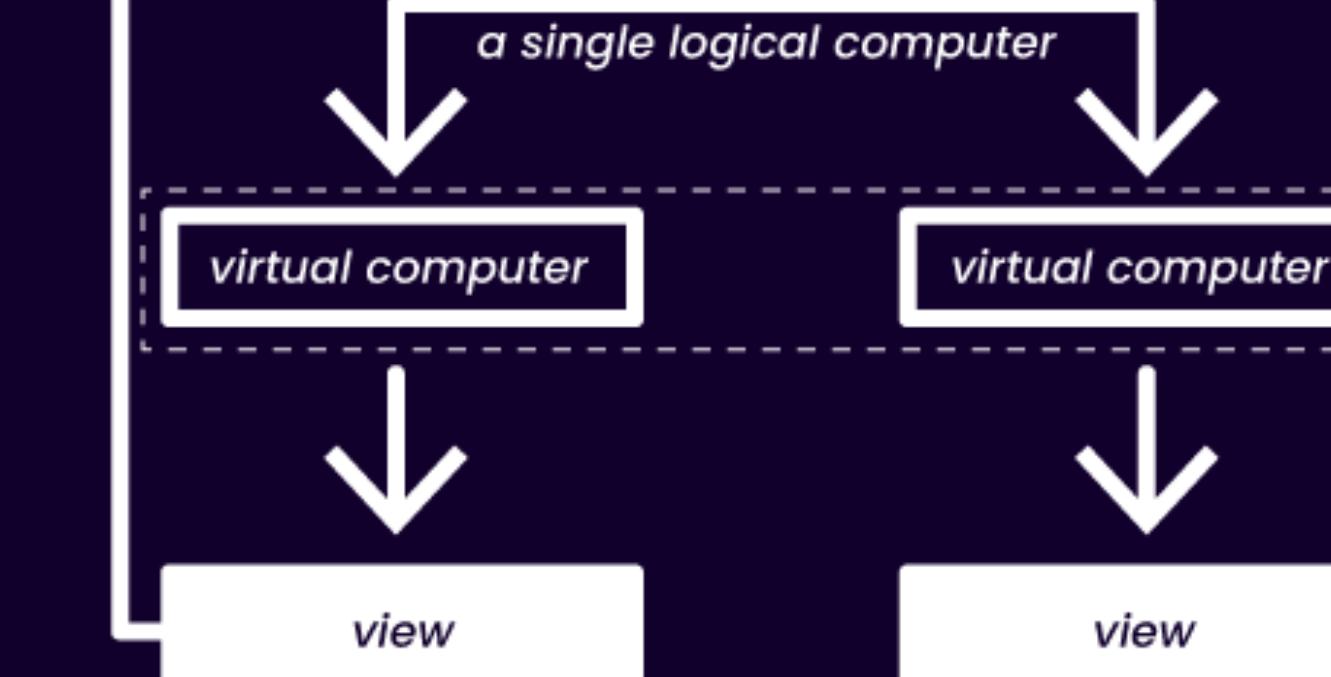
CROQUET OS
SHARED VIRTUAL MACHINE

WEB BROWSER

ANY USER DEVICE

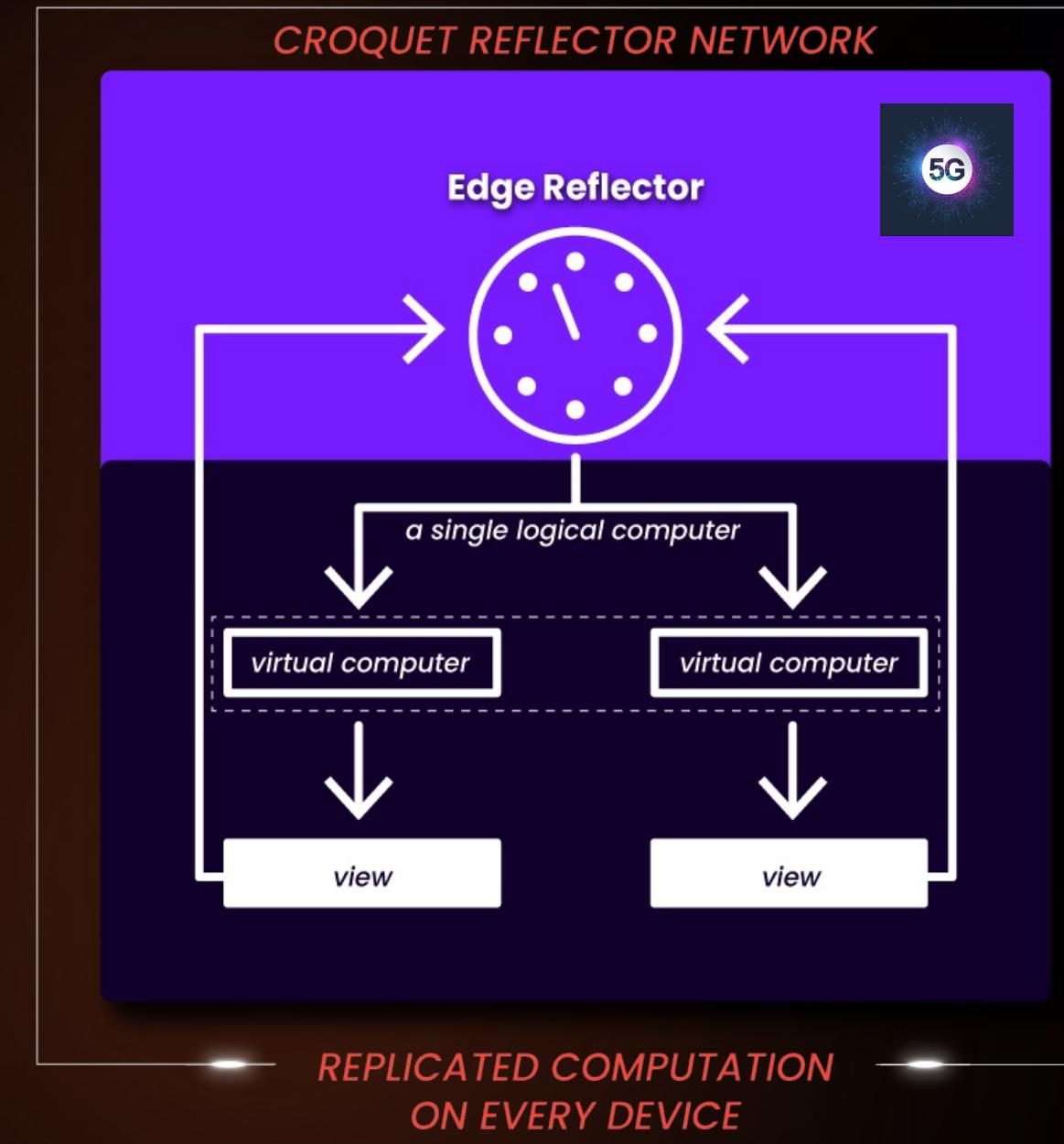
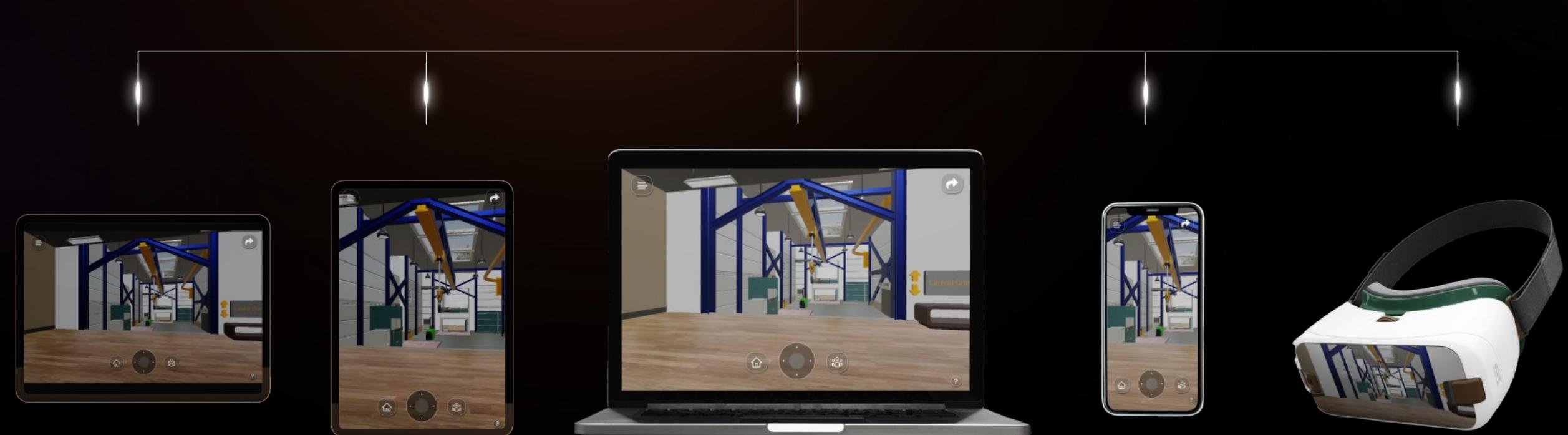
CROQUET REFLECTOR NETWORK

Edge Reflector



REFLECTORS SYNCHRONIZE REPLICATED COMPUTATION

Replicated Computation Architecture

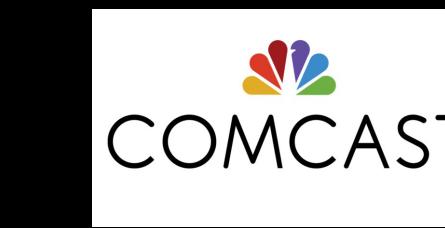
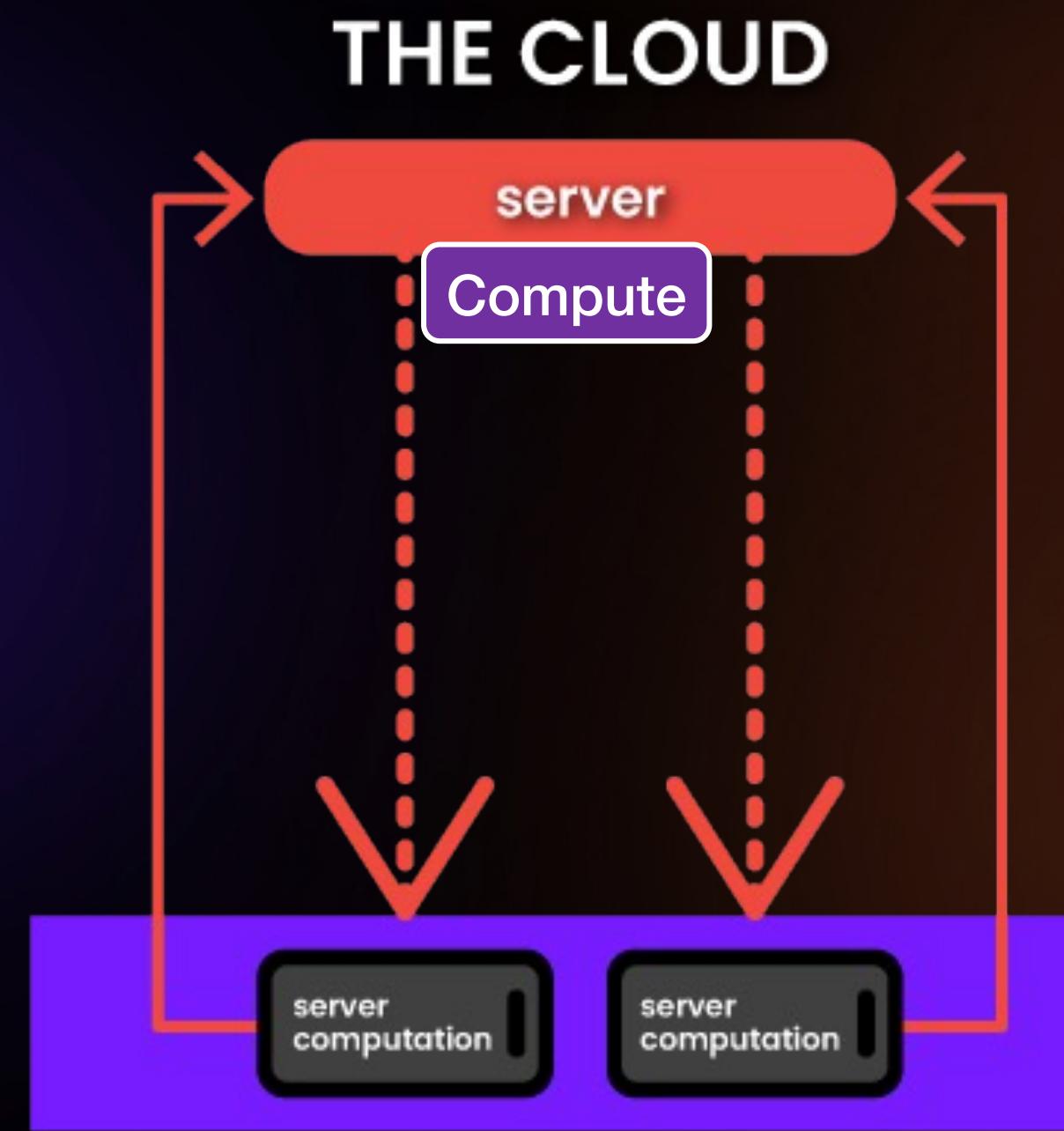


Stateless Micro Server Deployed On The Edge or 5G MEC

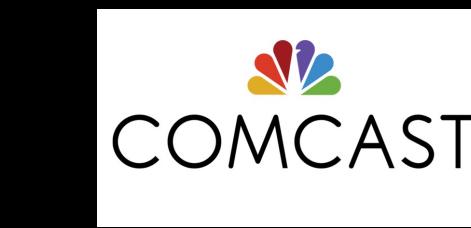
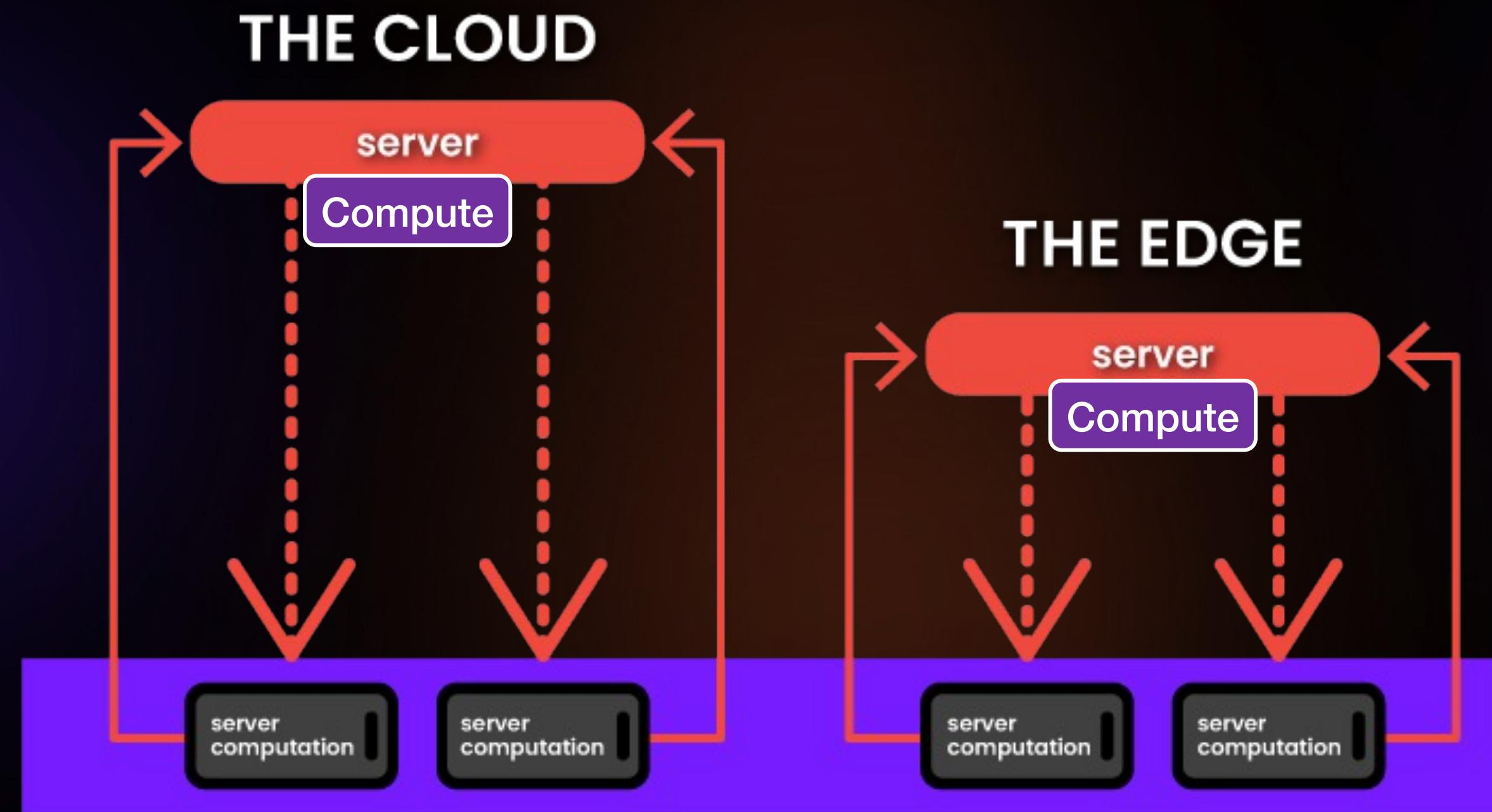
All visitors see the same, bit identical world

From their own unique, perfectly synchronized point of view

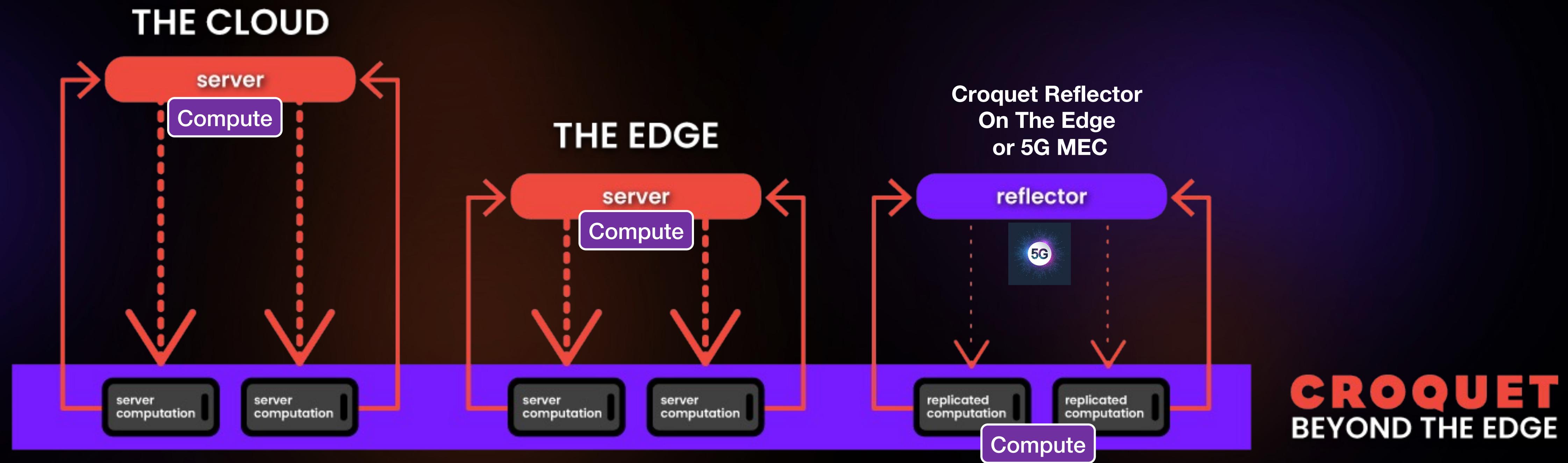
THE TECHNICAL DIFFERENCE



THE TECHNICAL DIFFERENCE



THE TECHNICAL DIFFERENCE



INTEROPERABLE PORTALS BETWEEN WORLDS

Decentralized
and universal

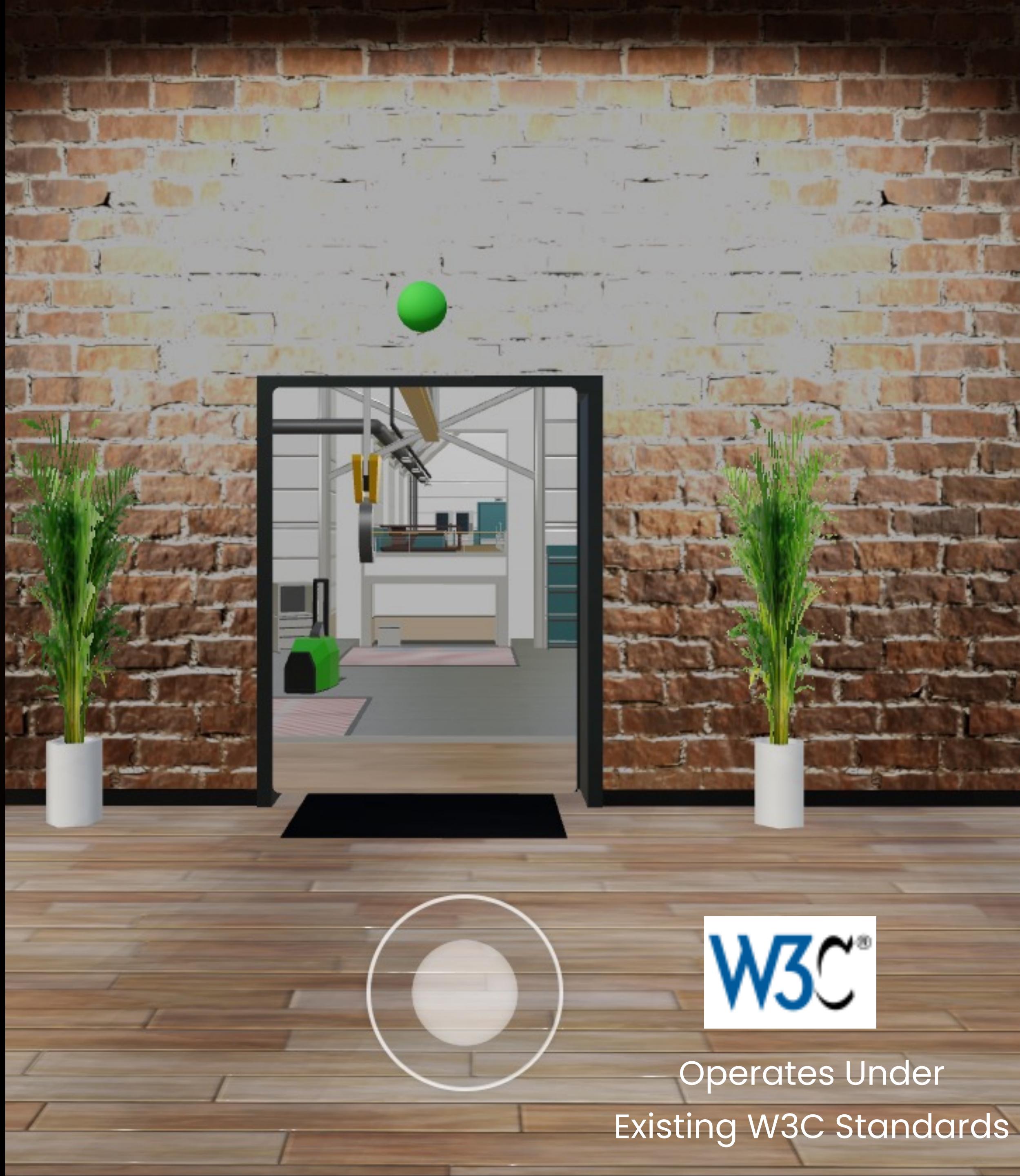
Moving between
virtual worlds is a
central pillar of
any definition of
the Metaverse

Open source in
Microverse and
framework/API

Safe, secure
and malware
proof

Multiplane
portals across
different
domains

Web and
browser
standards



Operates Under
Existing W3C Standards

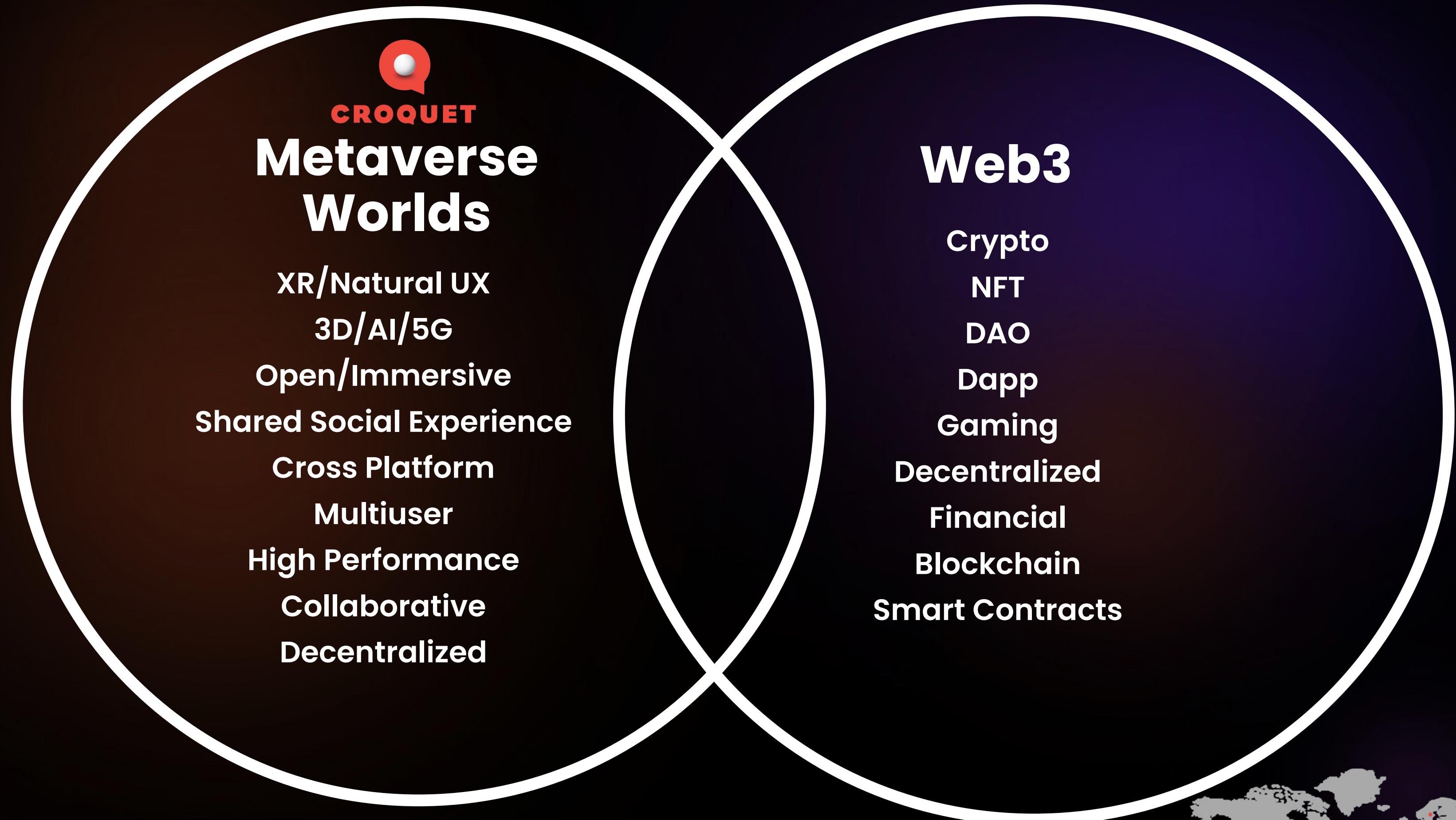
CROQUET OS IS FOR WEB AND WEB3 DEVELOPERS



"The approach Croquet has taken to achieving open, decentralized and cross-platform Metaverse worlds for Web and Web3 developers is a futuristic step in the right direction.

I firmly believe in the idea of an open Metaverse and am dedicated to helping build it. Croquet's tools create a Metaverse that can be accessed virtually anywhere.

-Tony Parisi, Chief Strategy Officer LAMINA1, Metaverse OG, And Croquet Advisor



WHY USE CROQUET?

Top Six Reasons

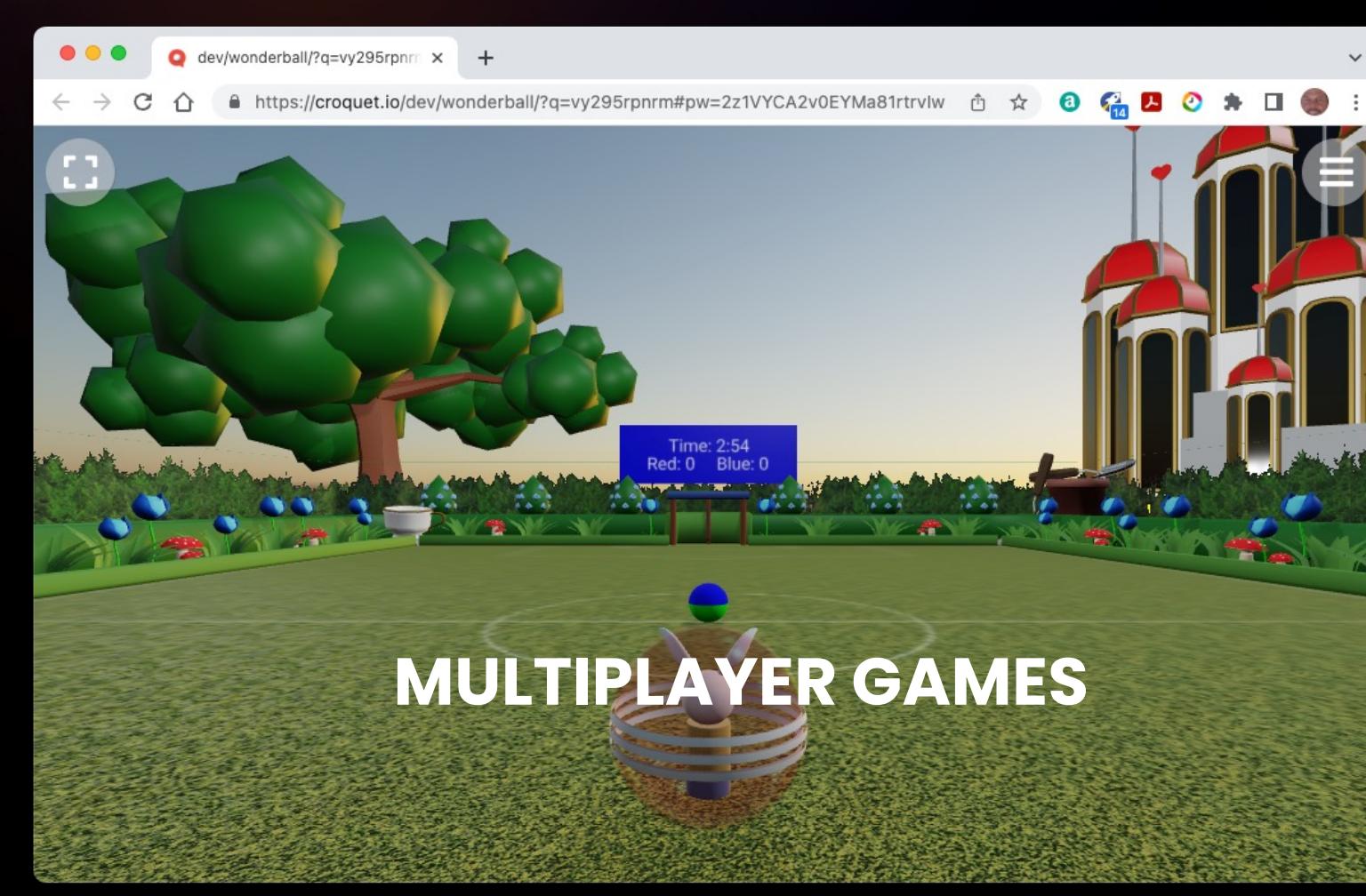
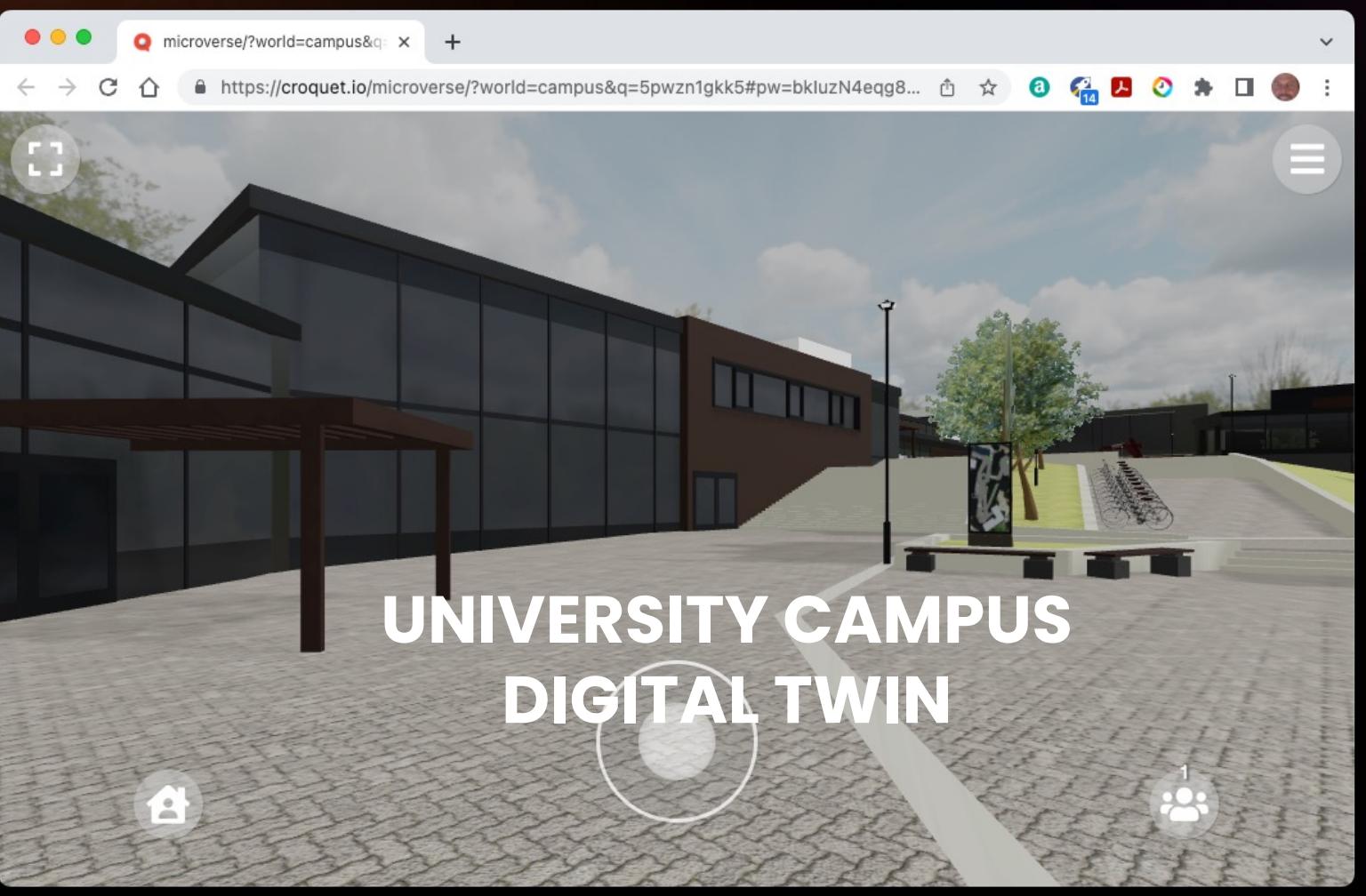
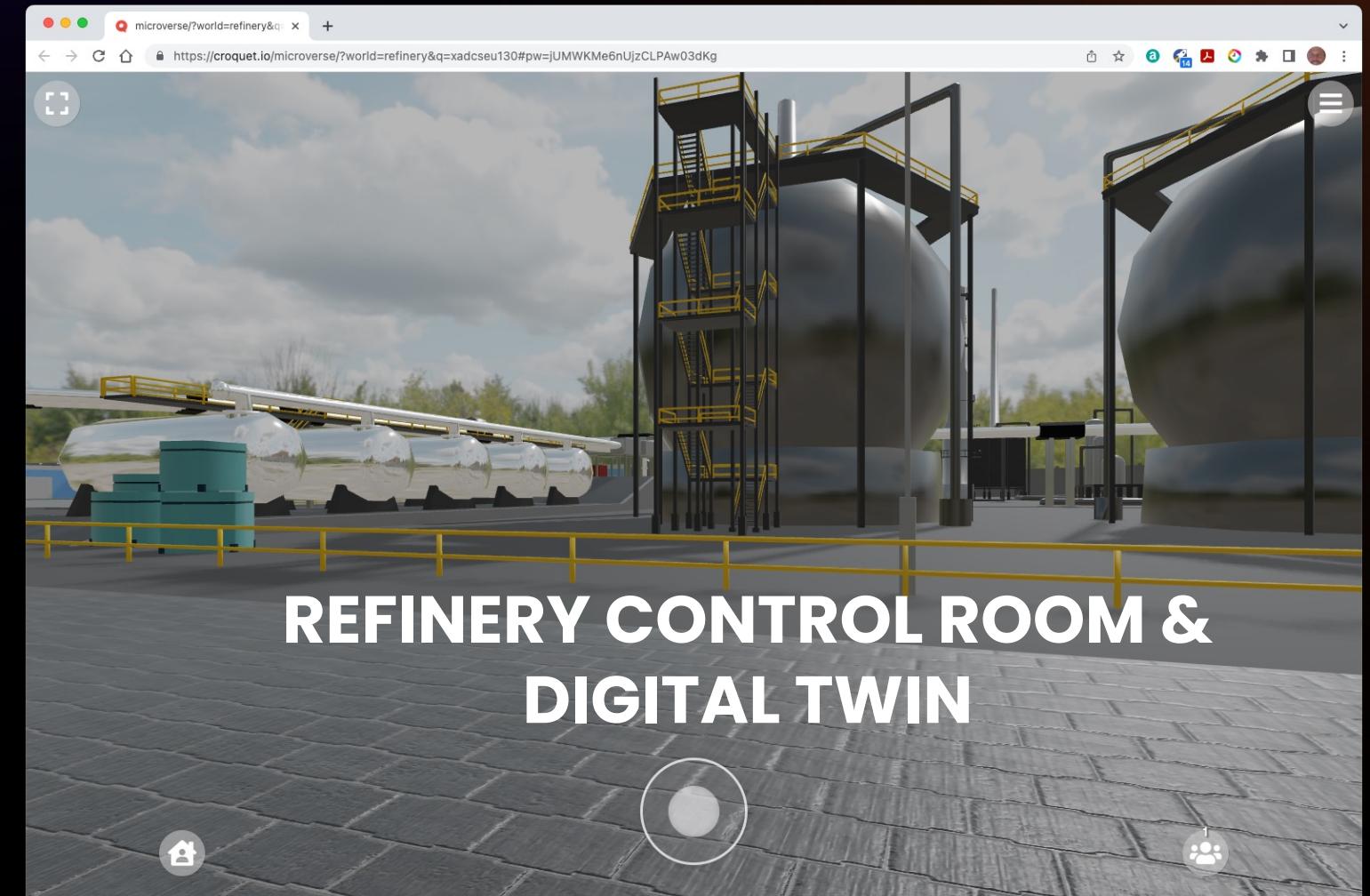
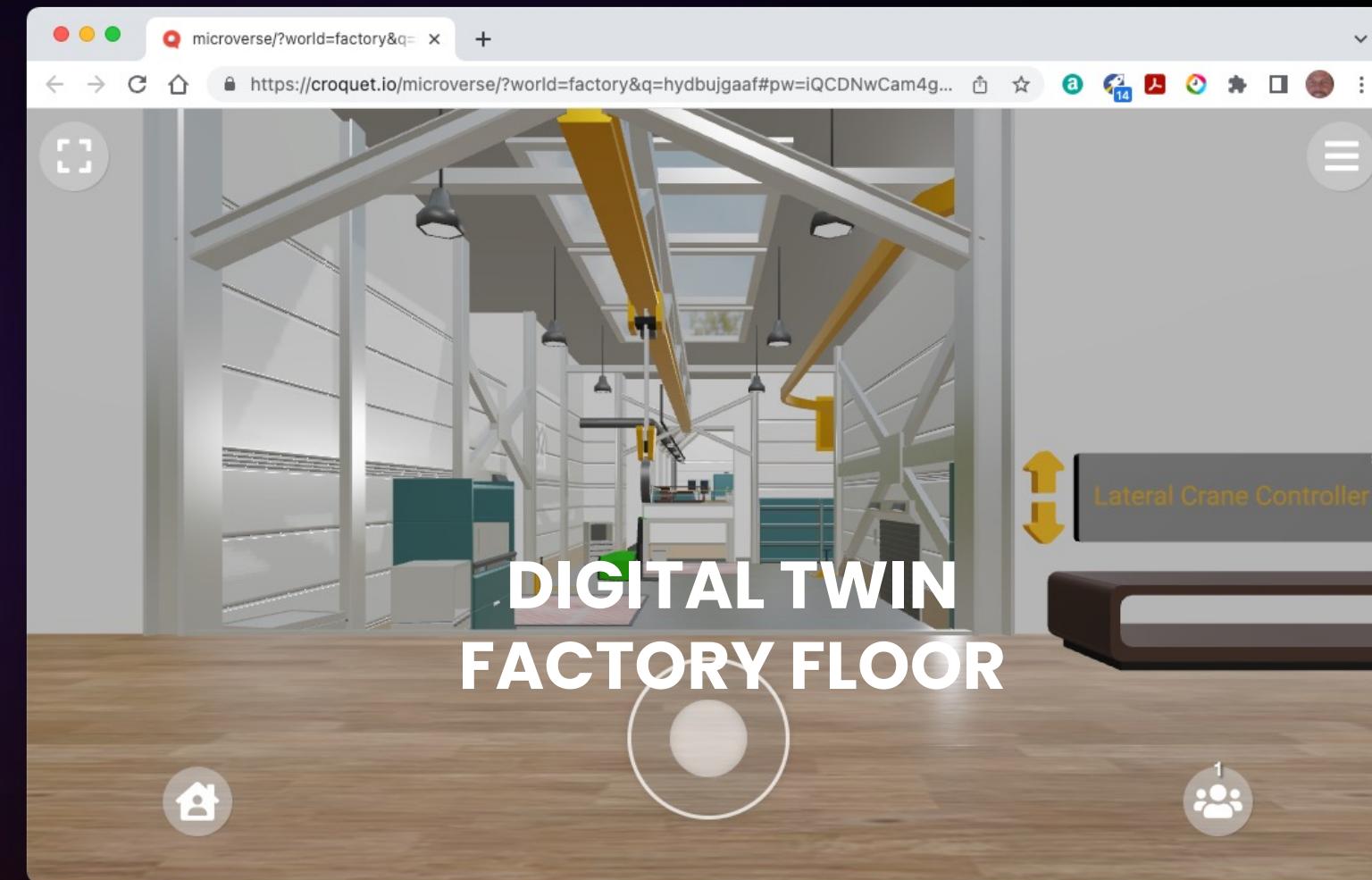
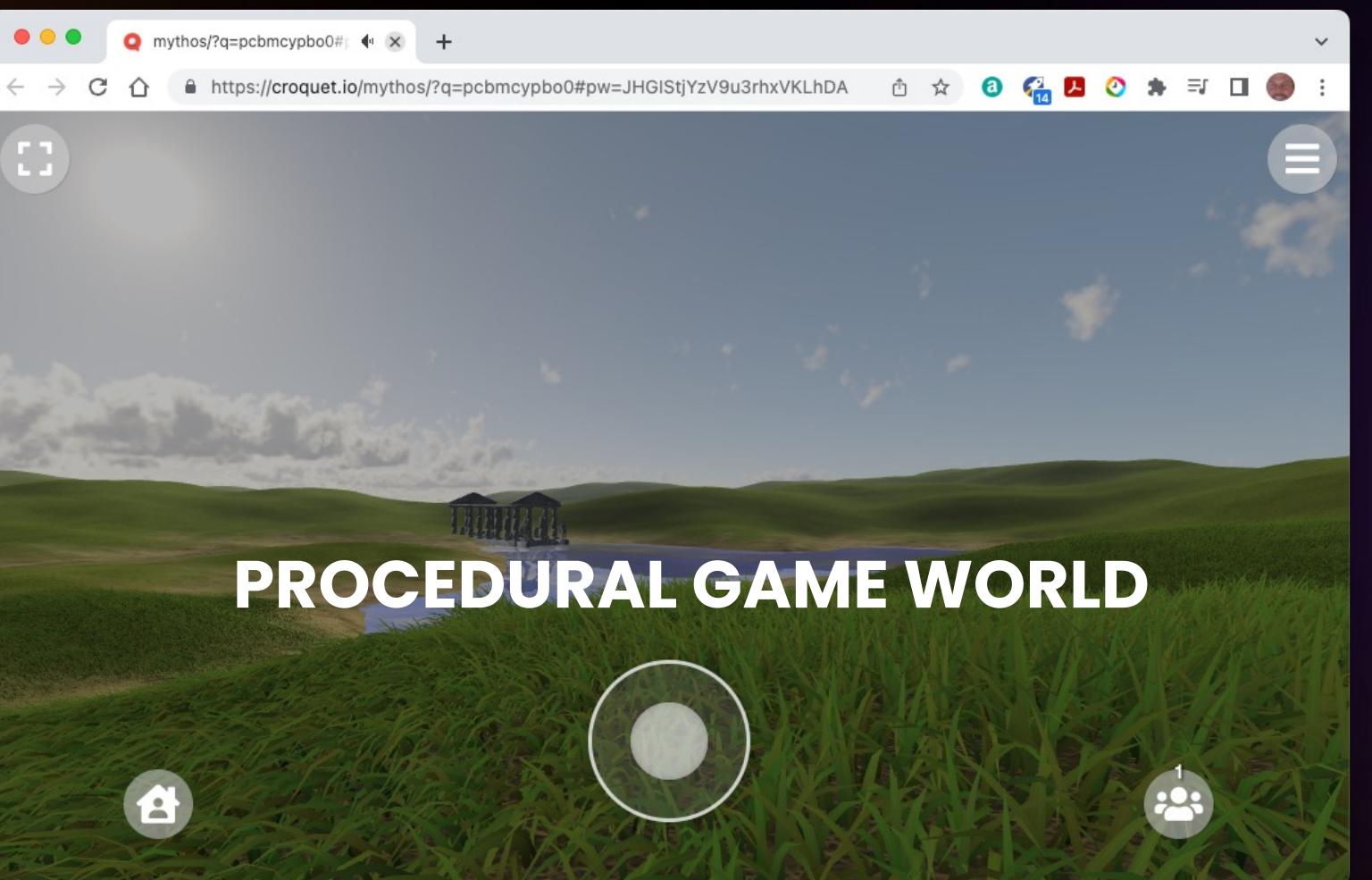
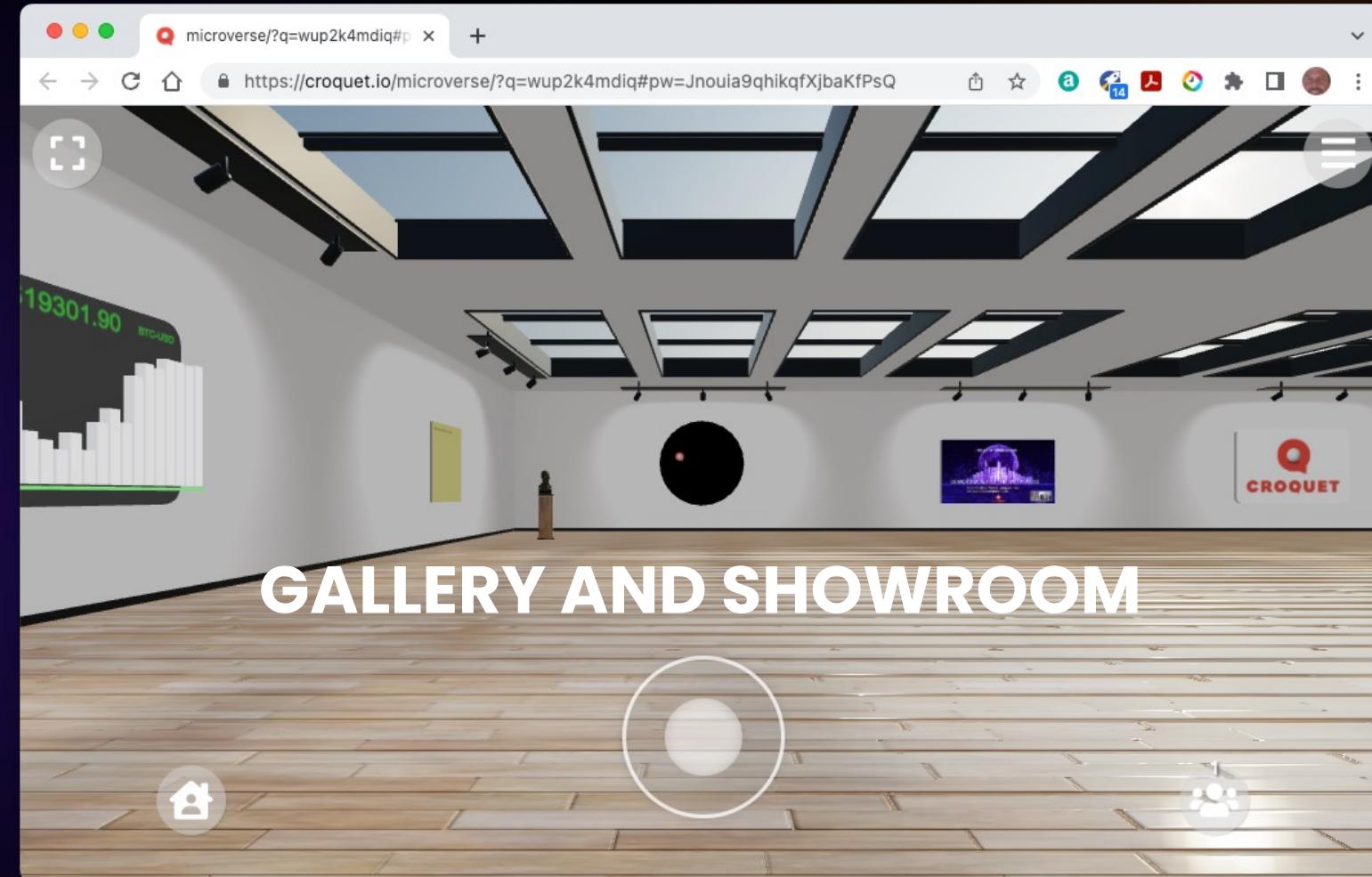


- Decentralized Compute & Deployment
- Natively Multiuser, Low Latency/Bandwidth
- Cross Platform And Frictionless
- Ownable / Controllable
- Protect Economics And Rights
- Web Standards And Open Source

MICROVERSE WORLD BUILDER

powered by  CROQUET

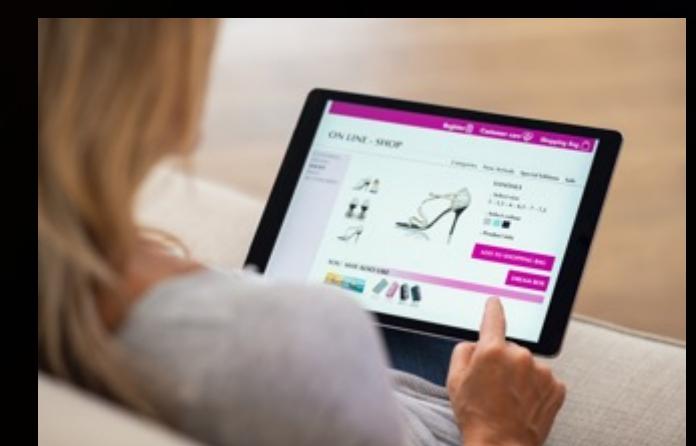
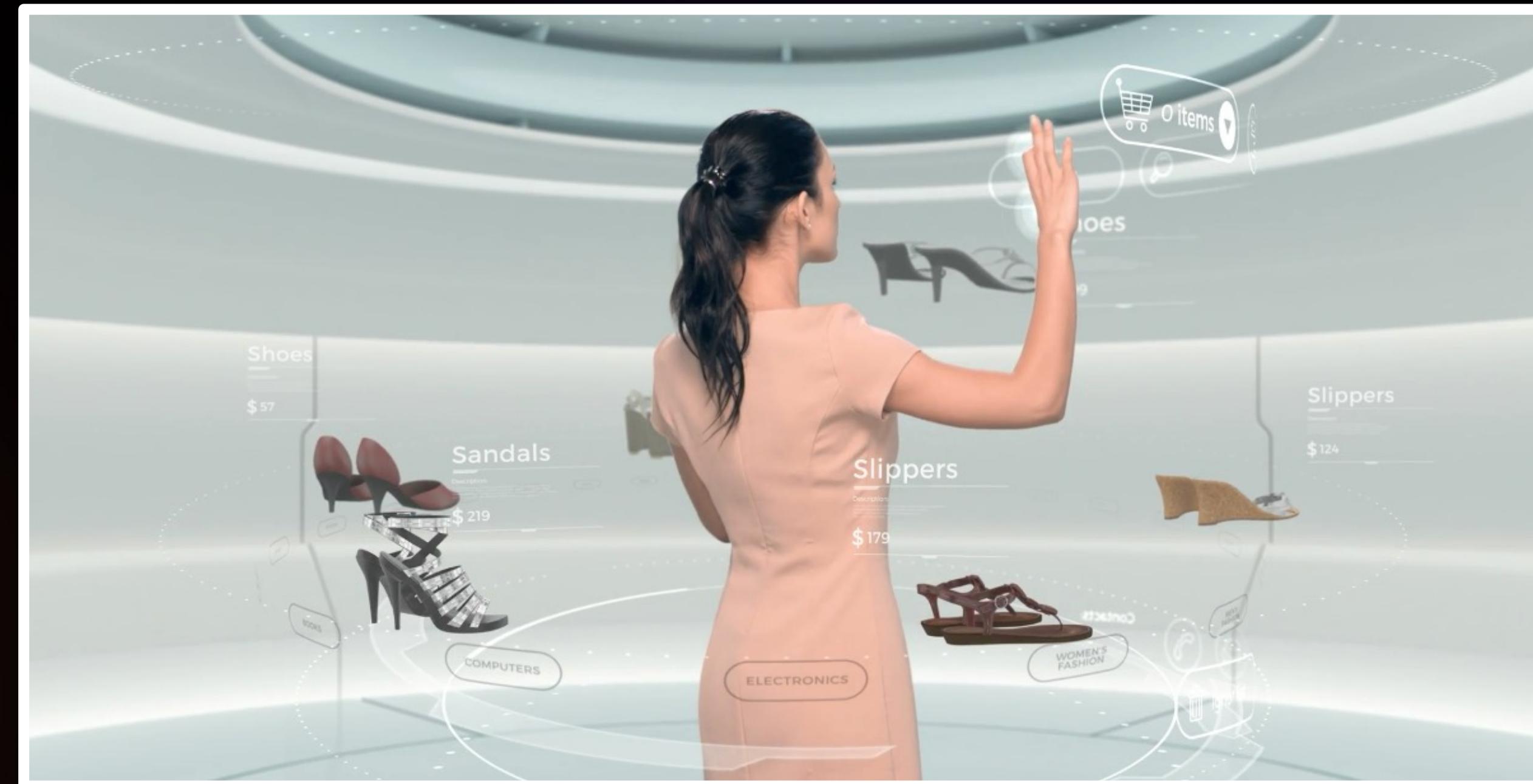
Fully Immersive Open Metaverse Worlds



powered by  CROQUET

E-COMMERCE AND RETAIL

- Immersive retail and ecommerce experiences in your current website
- Accessible by any device with a browser
- Social messages let customers frictionlessly invite friends to join
- Published to any web server, accessed from any URL or QR Code
- Own and control the customer relationships, don't send them away to other sites
- Use current payment, identity and security infrastructure



INDUSTRIAL DEPLOYMENTS ARE MULTIUSER

HITACHI
Inspire the Next

Global Access for Shared Experience



Global Industrial Shared Experiences

- Controls all over the world with shared experiences
- Expertise interacts directly with local monitors
- Multiuser/player
- Instant edge performance

Controls and Connectors Share Data in Real Time



Connector Integration is Key

- Real time, shared information
- Reflector Synchro Architecture
- Multiuser Interactions
- Publish content automatically
- Synchronization-as-a-Service
- Integrated controls and admin

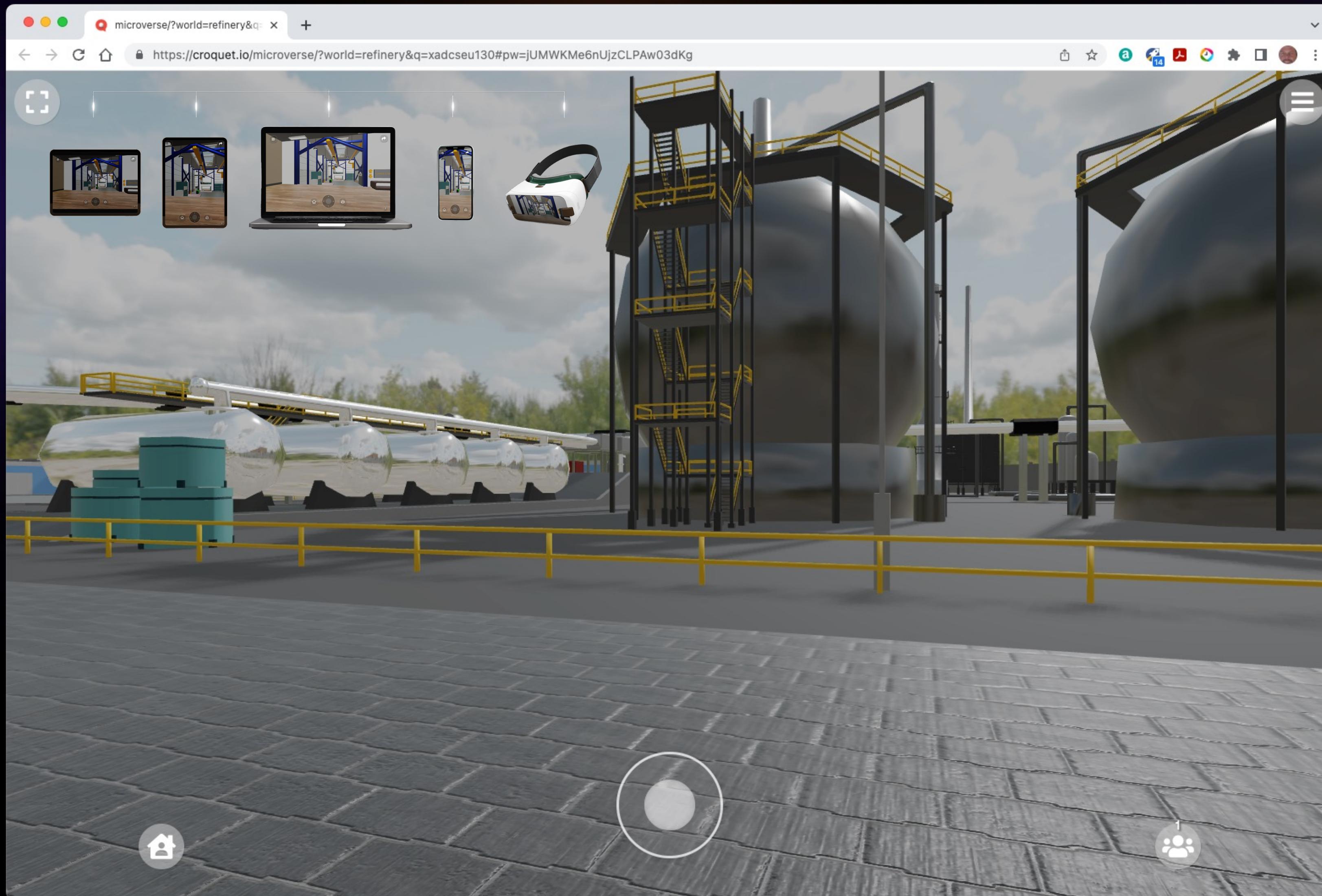
Private 5G Infrastructure Drives Security and Control



No Connection to the Public Internet

- Secure, segregated environment
- End-to-end encryption for both internal and external security
- Proprietary devices OK
- 2-15ms Latency on Private 5G
- Metaverse 1.0 Delivered Today

INDUSTRIAL DEPLOYMENTS ARE GLOBAL, MULTIUSER AND CROSS PLATFORM



HITACHI
Inspire the Next

**Controls and Connectors
Share Data in Real Time**



**Private 5G Infrastructure
Drives Security and Control**



SHARED ARTIST AND BRAND EVENT EXPERIENCES

When the crowd at the Brooklyn Museum arrived, no one had the app.

Not one person.

In 5 minutes, they all did.

With perfectly synchronized audio, video and IRL shared social experiences.

[Click here to watch full video](#)



#IVYPARKRODEO

Brooklyn Museum

August 18, 2021 8PM

For Beyoncé and Adidas

UNIQUE FOUNDING TEAM AND TECHNICAL ADVISORS

World Class Founding Team



David A. Smith, CTO/Founder

Co-founder Red Storm Entertainment, Chief Innovation Officer & Senior Fellow at Lockheed Martin. Invented 3D portals and co-invented the core tech behind Croquet.



Brian Upton, Chief Creative Officer

Design lead Red Storm Entertainment (created Rainbow Six & Ghost Recon) and Senior Designer at Sony PlayStation.



Yoshiki Ohshima, PhD. Chief Scientist

Live interactive systems. Language designer. HARC (Y Combinator Research)



Aran Lunzer, PhD. System Visioneer

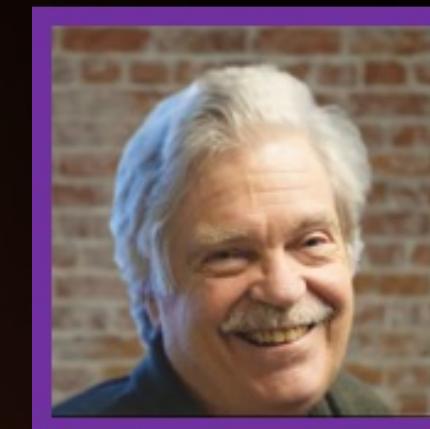
Human-computer interaction expert. Mediaverse architect.



Vanessa Freudenberg, PhD. Eng.

HARC (Y Combinator Research) 'SqueakJS A Modern and Practical Smalltalk That Runs in Any Browser' Croquet System architect.

Technical Advisors Who Created The Industry



Alan Kay

Father of the Personal Computer, Mentor to Steve Jobs, Xerox PARC, Apple, Disney, HP, Atari, Stanford, UCLA, MIT



Avi Bar-Zeev

Spatial Computing Pioneer (AR/VR/MR/XR) for 30+ years HoloLens inventor, Google Earth inventor, Apple AR Lens Project



Dan Ingalls

Xerox PARC, Apple, Disney, HP, Sun Demoed the Xerox Alto to Steve Jobs Harvard, Stanford



Ken Perlin

Perlin Noise (Academy Award), real-time interactive character animation, computer-user interfaces, Harvard, NYU



Tony Parisi

Metaverse and virtual reality pioneer. Co-creator of 3D graphics standards, including VRML, X3D and glTF



David P. Reed

Co-creator of the TCP/IP protocol and designer of UDP. Co-author of the "end-to-end principle", the basis of the Internet.



David A. Smith, Founder/CTO
david@croquet.io

John Payne, Chairman/CEO
john.payne@croquet.io