Introducing

COLLAVEO

PRIVATE COLLABORATIVE METAVERSE PLATFORM

innoveam
Knowledgeable Innovation

VIRTUAL
COLLABORATIVE
WORK ENVIRONMENT

Introduction to Innoveam

INNOVEAM IS A 3D DATA SOLUTIONS COMPANY

Innoveam is a local technology solutions provider, using Virtual Reality, Augmented Reality and various other 3D interactive visualisation technologies to drive digital transformation, which improves efficiency and reduces costs for businesses and enterprises.

Our Achievements

Sustainable business – 10th year of operation with proven track record

Multi-industry presence – engineering design, oil and gas, education, agriculture, property development and tourism.

Already penetrated Indonesia market PT Innoveam Indonesia established in 2016

Innoveam is an MTDC funded company and part of MTDC's IR4.0 ecosystem

Our Major Clients

Microsoft

This document certifies that

Innoveam Sdn. Bhd.

has been admitted to the Microsoft Mixed Reality Partner Program (MRPP).

Members of this exclusive program are among the world's most advanced practitioners of mixed reality, and they have demonstrated strong competencies in designing, building, and deploying enterprise mixed reality solutions.

Members gain access to a wide range of benefits (services, tools, guidance, support), a growing and supportive community of peers that regularly share insights and best practices, and a regular rhythm of connections to Microsoft product teams to help unlock the power of mixed reality and Azure cloud services for their clients.

Members of the Microsoft Partner Network and MRPP help advance the most vibrant and successful partner ecosystem the technology world has ever known.

We're thrilled to partner with you on this amazing journey!

Gordon Macdonald
Director Product Marketing

Linh Hoang
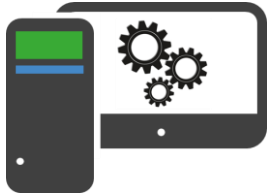*Product Marketing Manager, Mixed Reality*

Andy Deng
Senior Partner Sales Executive
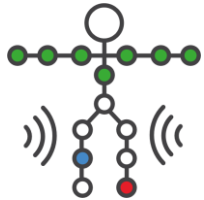
March 23, 2022

Date

Applied Technologies & Our Solutions

3D SIMULATION

Engineering Simulation, Game Engines
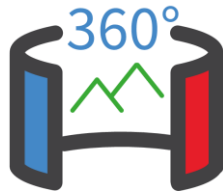
Motion Capture

INTERACTIVE VISUALISATION

Virtual Reality

3D Interactive Apps

360 Photo Capture

Augmented Reality

OUR SOLUTIONS

1. ENGINEERING CONSULTING

- Design Optimisation
- Virtual Prototyping
- Risk & Safety Engineering
- Troubleshooting
- Incident Investigation

2. DIGITAL TRANSFORMATION

- Digital Twin Implementation
- Custom Virtual Training
- Effective Stakeholder Engagement
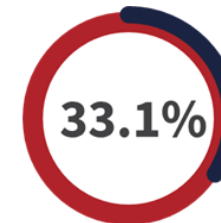- Virtual Collaborative Work Environment

Since we started in 2013…

100+ More than 100 projects delivered in SEA with a total value of RM18Million

91.2% 91% of sales are from the oil and gas industry

33.1% A third of sales involved interactive visualisation technology projects

What is VR and AR Technology?

WHAT IS VIRTUAL REALITY/AUGMENTED REALITY?

VR/AR are the latest interactive visualisation technology available in the market.

VR Allows Users to be Fully Immersed within a Virtual Simulated Environment

AR Allows Simulated Elements to be Overlaid onto the Real World

What is a Metaverse?

The Metaverse Concept:
Metaverse is a concept whereby digital content are visualised and experienced together as a group or a community, in an immersive virtual environment, utilising Virtual Reality or Augmented Reality technology

Samples of Industrial Collaborative Activities
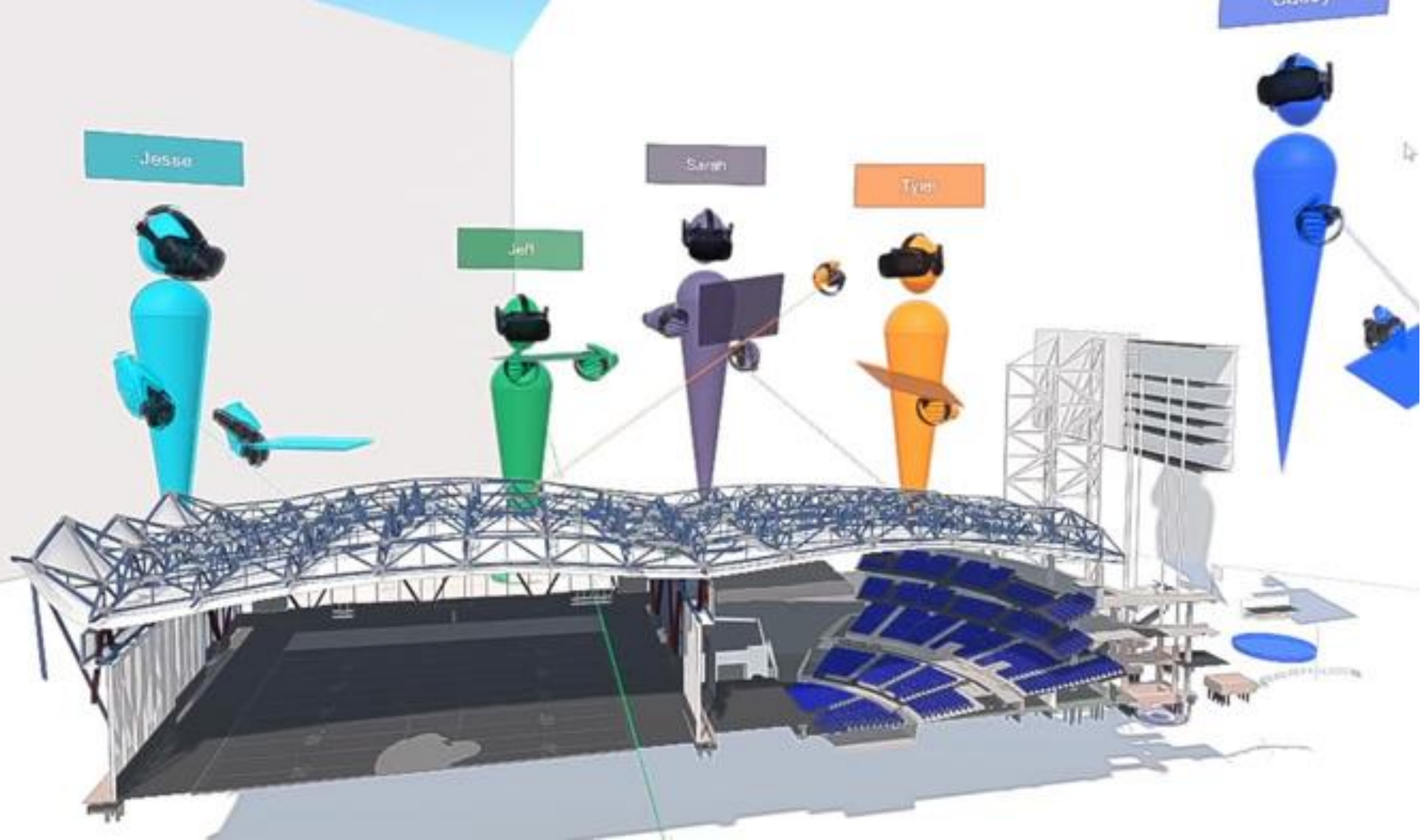
Microsoft HoloLens

DRAW

DRAW

MO

1.64

1.40

0.37

11:
TUES

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**PRIVATE COLLABORATIVE
METAVERSE PLATFORM**

Rover Explorer
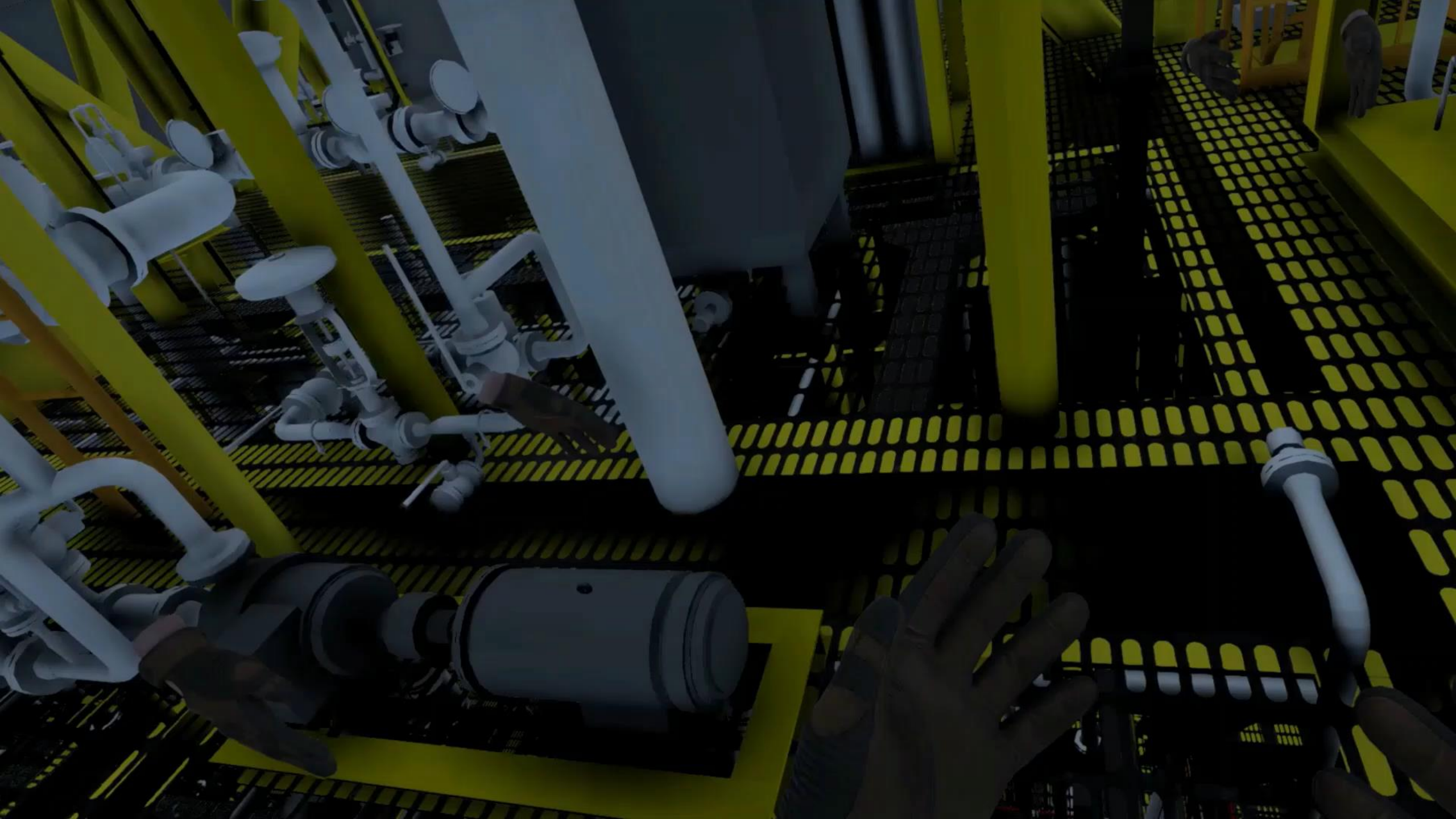
Collaborative Metaverse is the future of enterprise operations. We are driving the adoption of this technology in Malaysia with our COLLAVEO Multiplayer VR/AR platform

MULTIPLAYER
HEAD MOUNTED DISPLAYS

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VR Based Platform with Meta Quest 2 VR Headsets

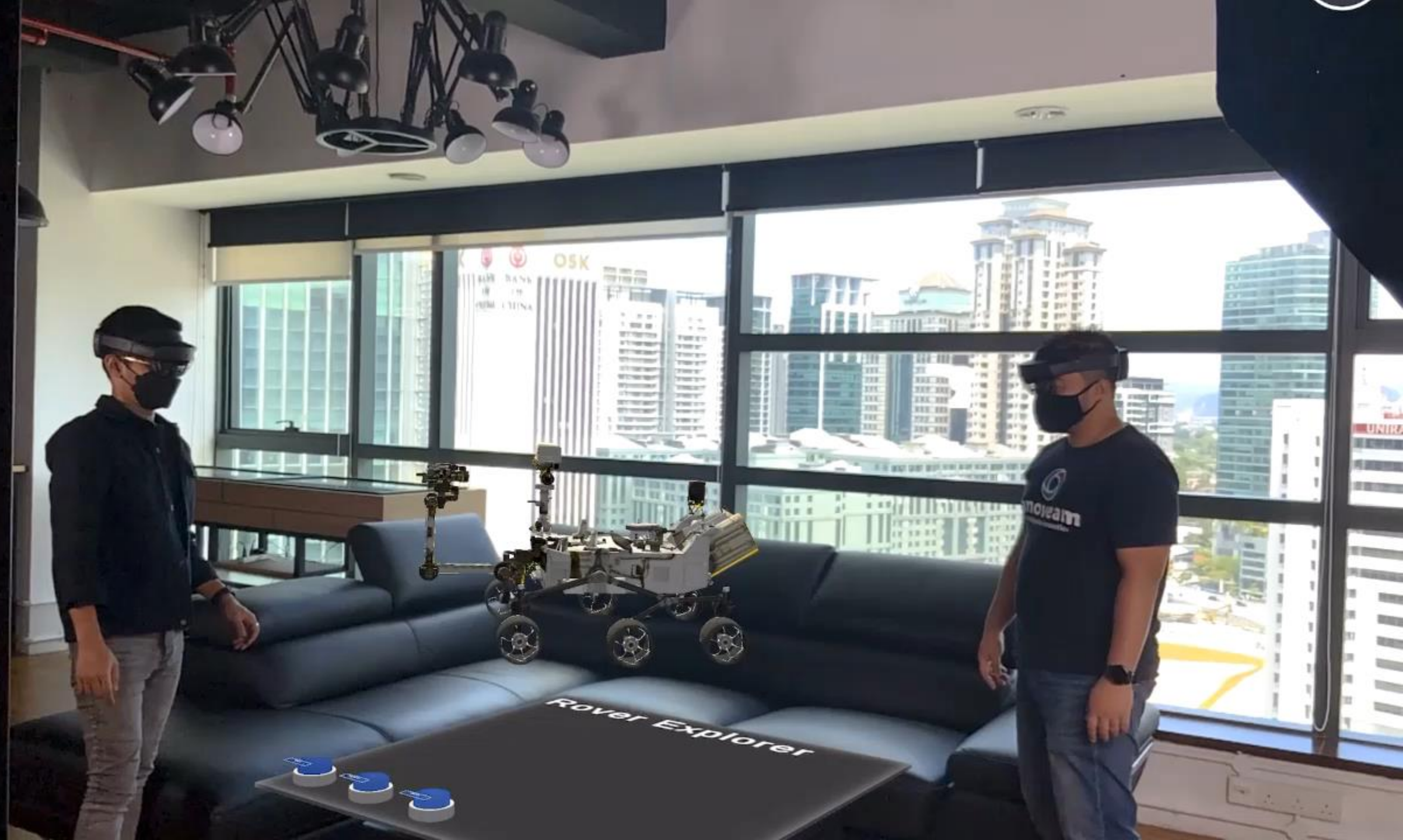| VR Collaboration Setup	Basic	Advanced	Enterprise
Meta Quest 2 VR Headset	Up to 3 concurrent Users	Up to 5 Concurrent Users	More Than 5 Concurrent Users
Image Generator Mobile Workstation for Advanced Visualisation Models	Included	Included	Included
Multiplayer setup	Included	Included	Included
In-VR Collaboration tools			
Sketching/drawing canvas	Included	Included	Included
Internet browser	Included	Included	Included
Voice chat	Included	Included	Included
PDF document viewer	Included	Included	Included
Cloud based back-end system			
User Management	Not Included	Not Included	Optional
Content Management	Not Included	Not Included	Optional
Data Management	Not Included	Not Included	Optional
Web Portal Access	Not Included	Not Included	Optional
Pricing	**RM8,000/month** billed monthly, or **RM80,000** billed annually	**RM11,000/month** billed monthly, or **RM110,000** billed annually	**Contact Sales**

*requires internet connection

*minimum 12 months contract

Collaveo Advanced VR Based Metaverse Platform Architecture

User Synchronisation
through Cloud
Multiplayer Engine

On-Prem GPU
Rendering
Machines

Realtime
Streaming
Through High
Speed Low
Latency
Connectivity

Users with
Meta Quest 2
Devices

3D Interactive Content

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AR Based Platform with Microsoft HoloLens 2
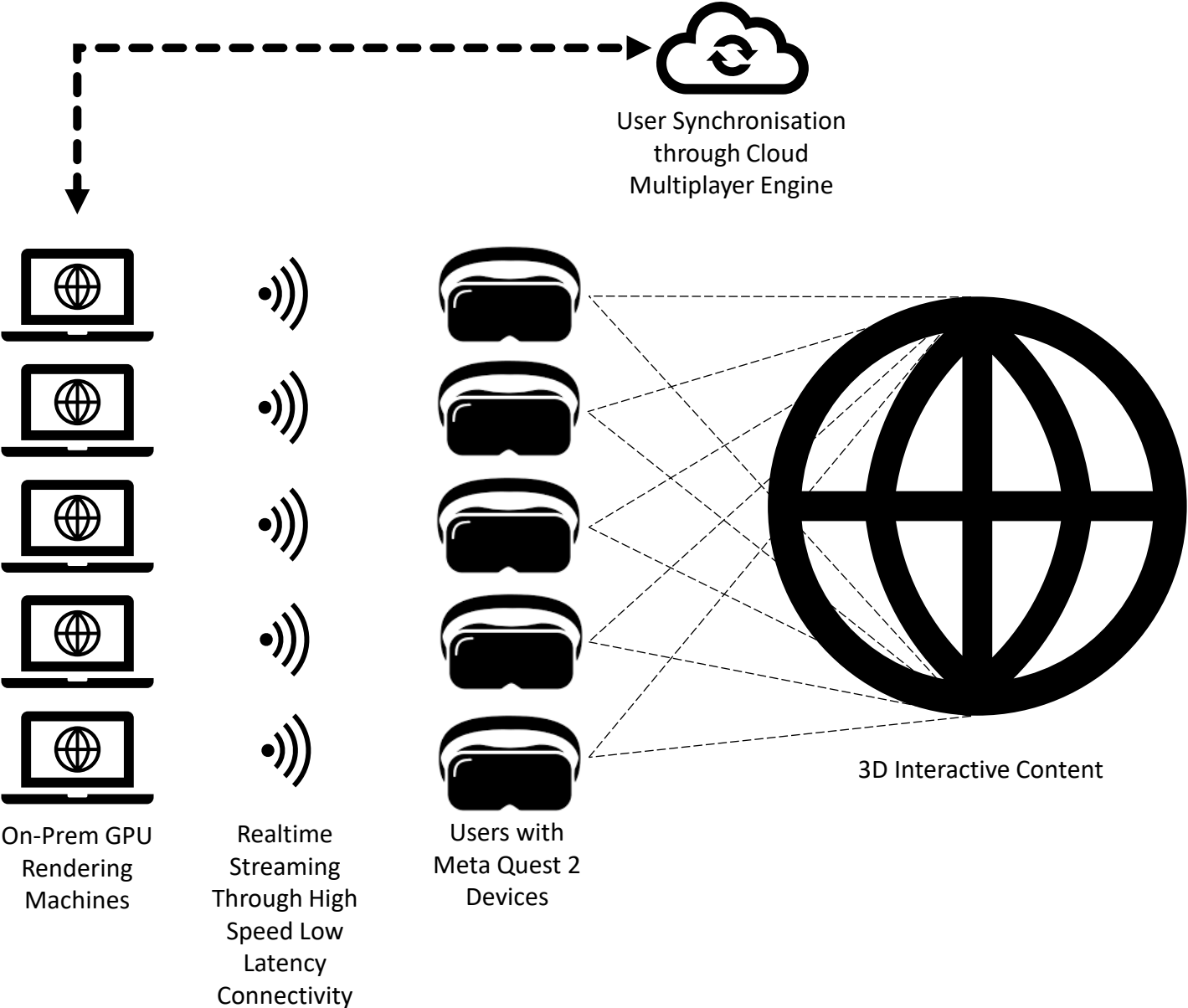
AR Collaboration Setup	Basic	Advanced	Enterprise
Microsoft HoloLens 2	Up to 2 concurrent Users	Up to 2 Concurrent Users	More Than 2 Concurrent Users
Image Generator Mobile Workstation for Advanced Visualisation Models	Not Included	Included	Included
Multiplayer setup	Included	Included	Included
Azure Spatial Anchor Services	Included	Included	Included
Real-time Mixed Reality Viewer via Apple Ipad Pro	Included	Included	Included
Collaboration Mode	Co-located	Co-located/Remote	Co-located/Remote
In-AR Collaboration tools			
Sketching/drawing canvas	Included	Included	Included
Internet browser	Included	Included	Included
Voice chat	Included	Included	Included
PDF document viewer	Included	Included	Included
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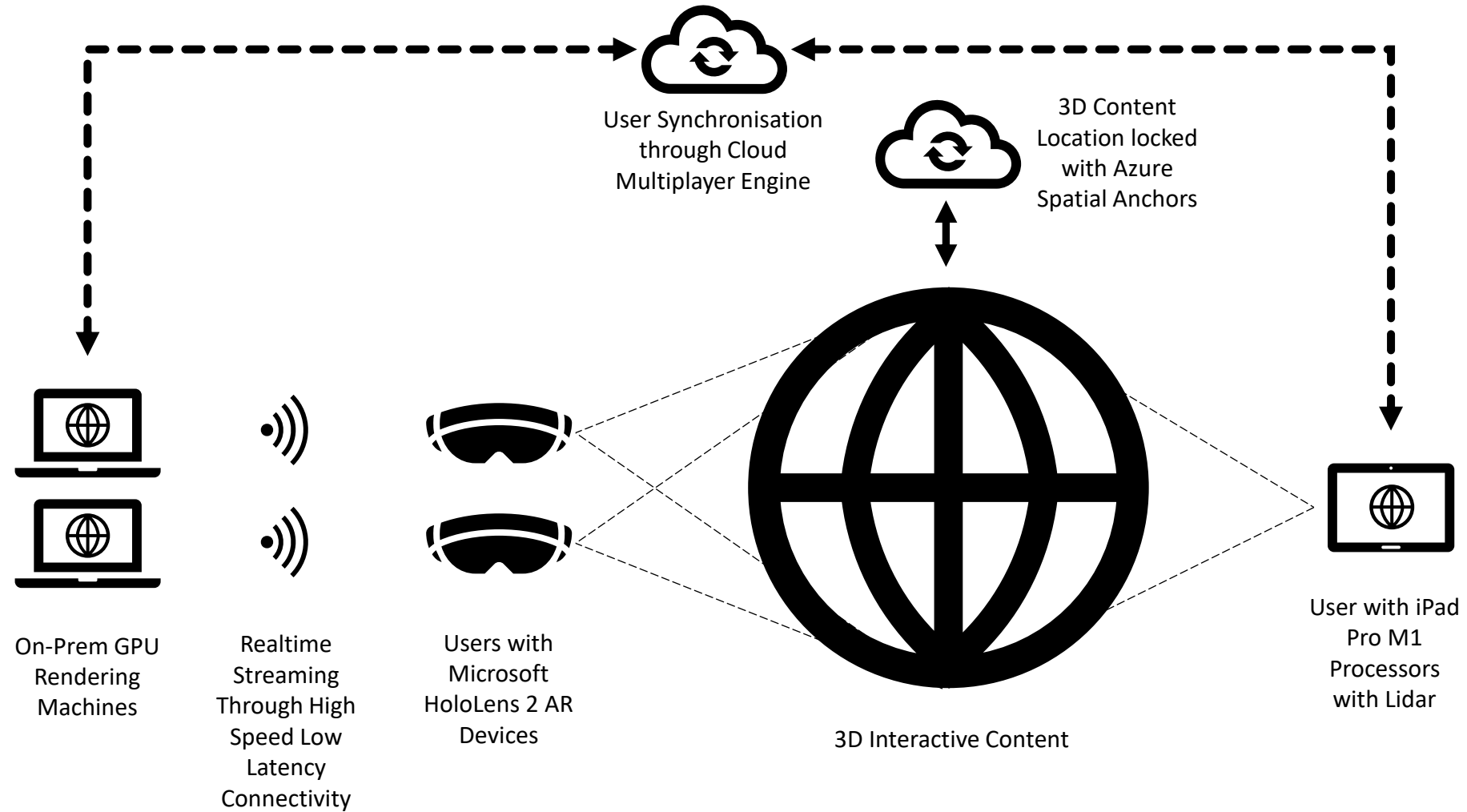# Collaveo Advanced AR Based Metaverse Platform Architecture

On-Prem GPU
Rendering
Machines

Realtime
Streaming
Through High
Speed Low
Latency
Connectivity

Users with
Microsoft
HoloLens 2 AR
Devices

User Synchronisation
through Cloud
Multiplayer Engine

3D Content
Location locked
with Azure
Spatial Anchors

3D Interactive Content

User with iPad
Pro M1
Processors
with Lidar

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Content Development Packages

Custom Content Development Package	Simple	Advance	Infinite
Duration	Up to 4 weeks	Up to 8 weeks	Fully custom development with detailed project planning
Typical Purpose	Simple/fun content	Serious/purposeful content	Value based projects
3D Modelling	Not Included (to be provided by client)	Not Included (to be provided by client)	Can be Included
3D Model Optimisation	Included	Included	Can be Included
Realism (texturing/materials/HDRI)	Minimal	Minimal	Can be Included
3D Simulation	Minimal	Advanced	Complex/To be Defined
Storyboard Development	Included	Included	Included
Instructional Design	Included	Included	Included
UI/UX Development	Included	Included	Included
Deployment to Collaveo platform	Included	Included	Included
User Beta Testing	Included	Included	Included
Modifications and Improvements based on User Comments	Included	Included	Included
User Acceptance Test	Included	Included	Included
Training (Up to 2 hour basic user training)	Included	Included	Included
Pricing	RM56,000.00	RM112,000.00	Contact Sales

*Type of package will be determined based on discussions with the client
*Subjected to 6% SST