

An aerial, high-angle view of a large commercial airplane in flight, viewed from behind and slightly to the side. The aircraft is flying over a dense urban area with a river visible. The sky is filled with soft, white clouds, and the overall lighting is bright and clear. The title text is centered over the image in a large, white, sans-serif font.

Using Game Engines for Next-Gen Flight Simulators

Who likes a challenge?

Is there a problem...

Boeing forecast

Boeing Pilot & Technician Outlook concludes;

“The aviation industry will need to supply more than 602,000 commercial airline pilots worldwide over the next 20 years”

UK MOD

UK Defence secretary Ben Wallace

“The UK has more state-of- the-art F-35 fast jets than pilots due to problems with training”

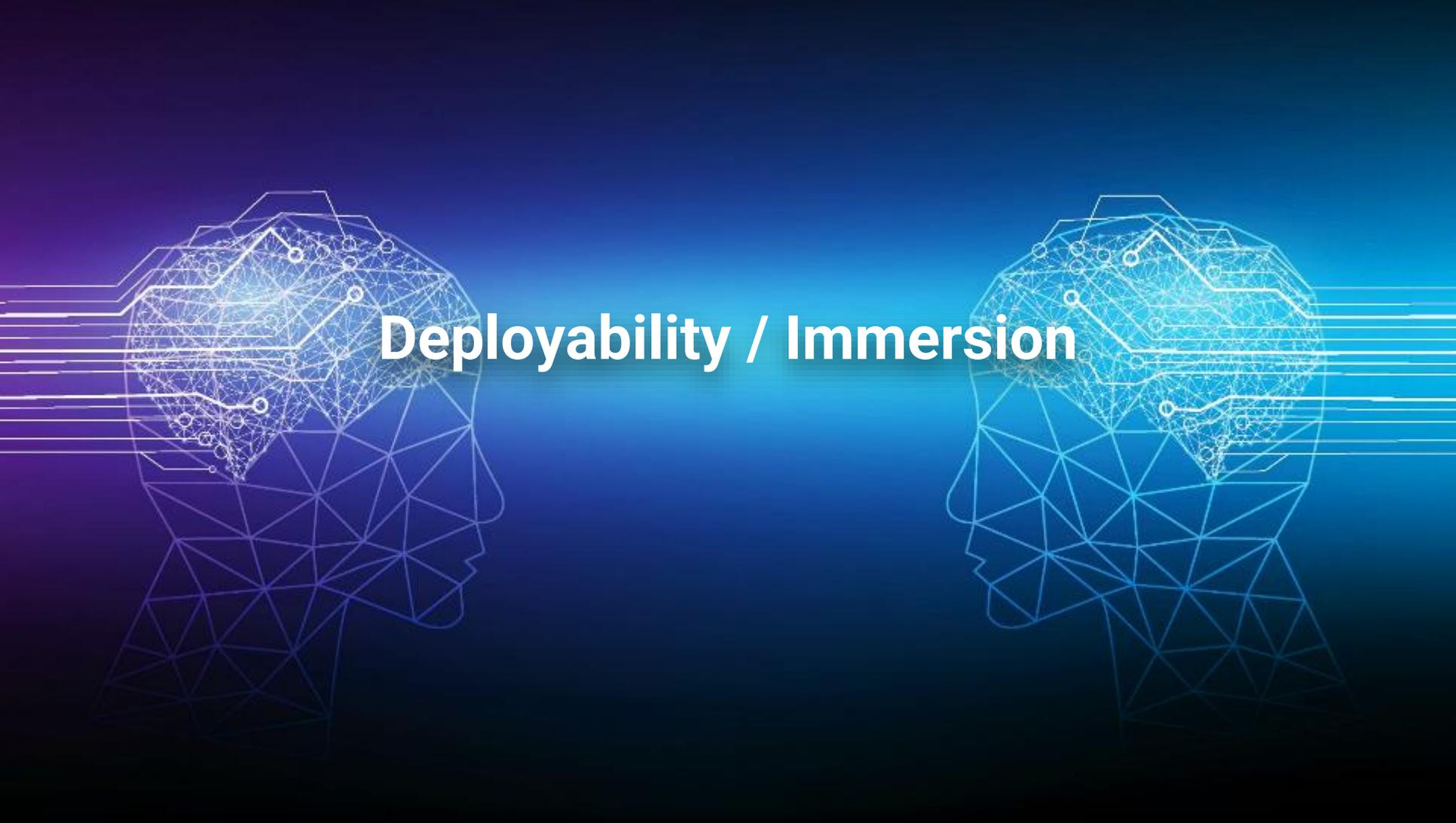
Training Complexity

Training devices - **Certified**

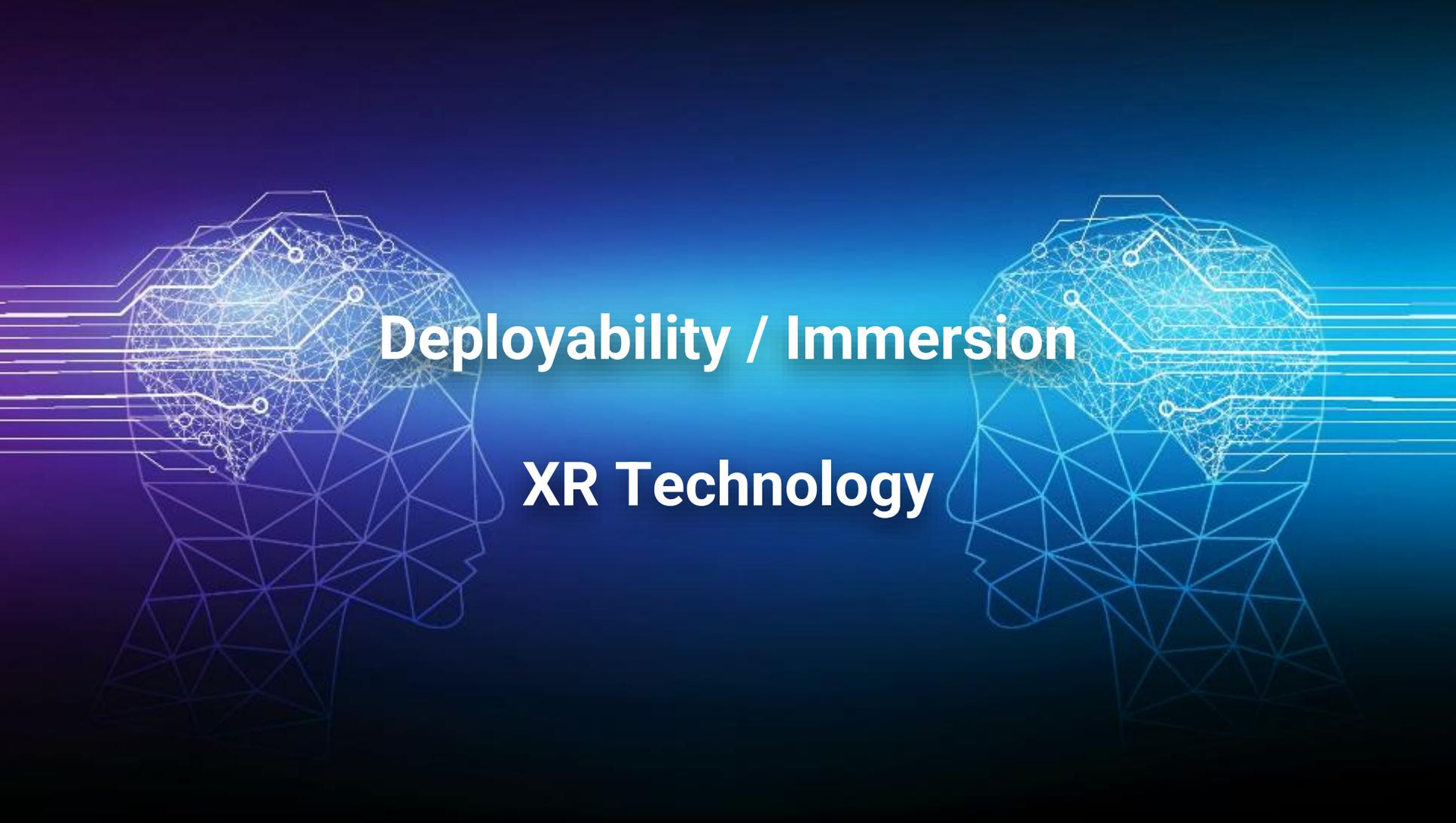
Footprint - **Size**

High end graphics - **Immersion**

Cost - **Significant**

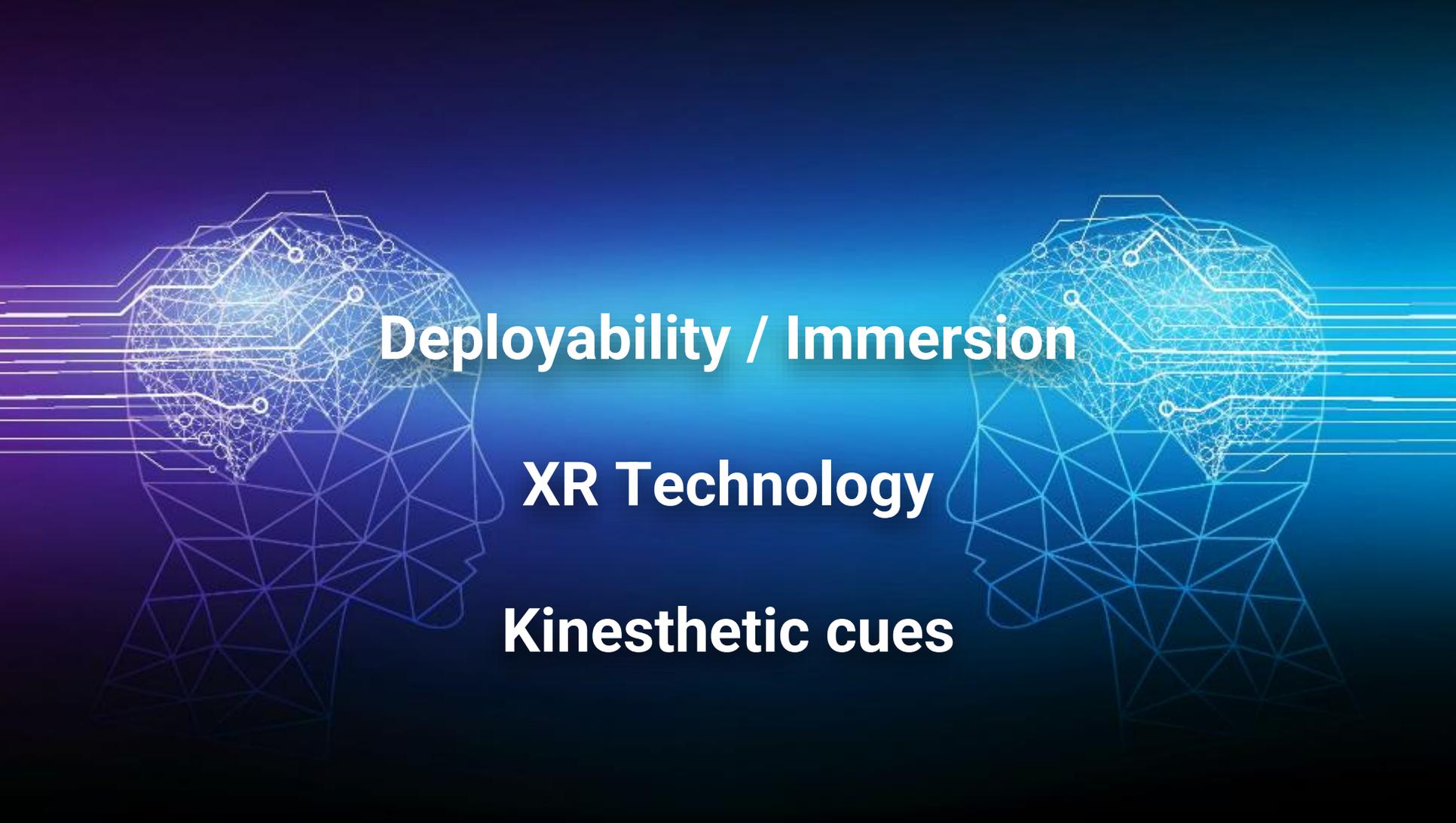


Deployability / Immersion



Deployability / Immersion

XR Technology



Deployability / Immersion

XR Technology

Kinesthetic cues

Project Antoinette



BRUNNER
dedication + innovation



Meta
AEROSPACE



 **UNREAL ENGINE**

#AntoinetteProject

Who likes a challenge?

The Challenge

You now have access to technology

- Small footprint
- High end graphics
- Reduced cost

Adapt the training curriculum

- To exploit technology
- Reap the benefits
- Reduce cost but not quality

Project Antoinette

simulation@epicgames.com



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