

Transforming British Army Collective Training

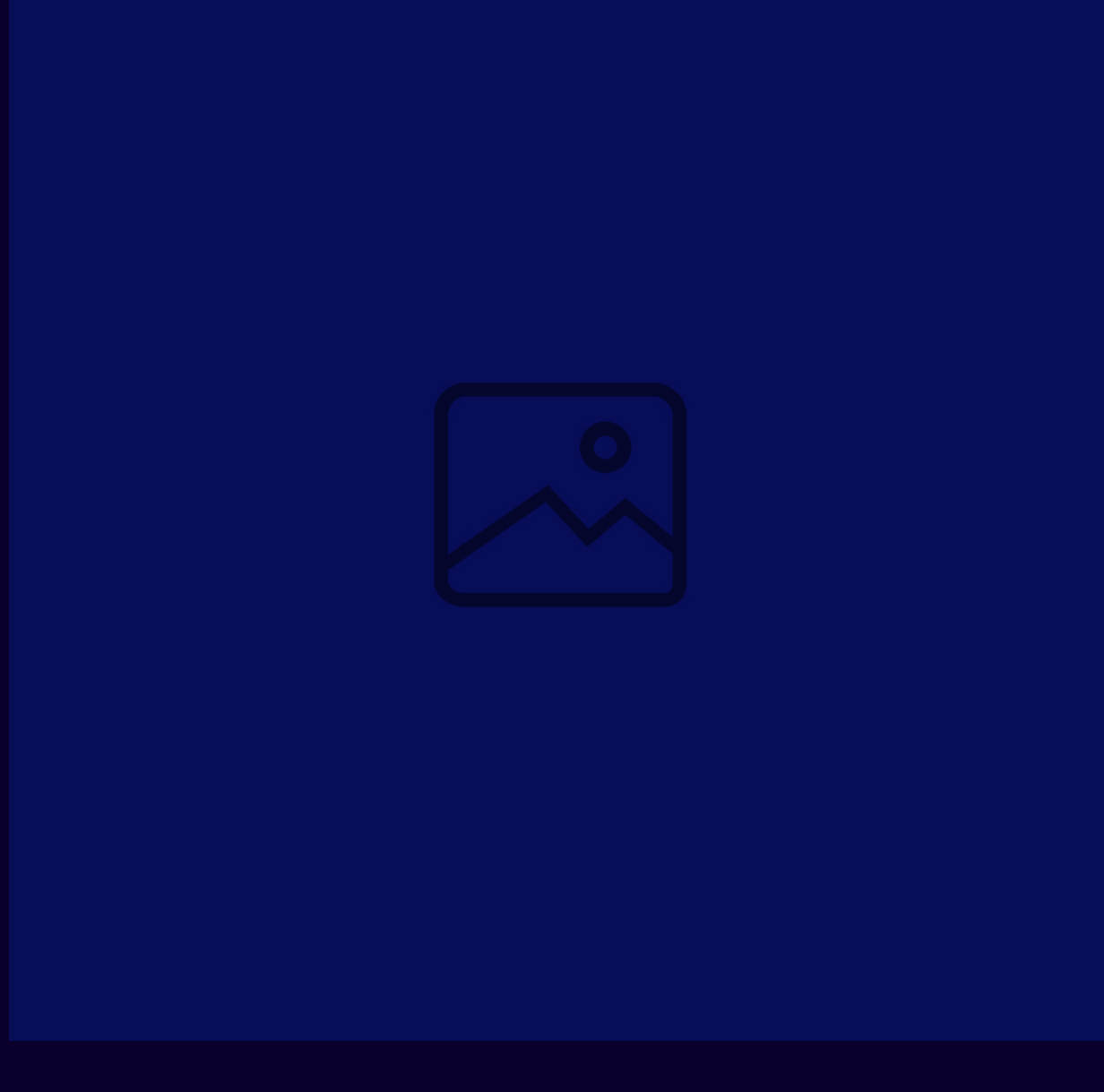
Hadean validated a spatial computing platform approach that modernises how soldiers train to face the complexity of a real operating environment.



PREPARING FOR THE CHALLENGES OF THE MODERN BATTLESPACE

The Army Collective Training System (ACTS), formerly known as the Collective Training Transformation Programme (CTTP), is a UK Ministry of Defence initiative which aims to overhaul British Army training protocols and enhance how soldiers prepare for multi-domain operations in the dynamic modern battlespace.

GLOBALLY DISTRIBUTED TRAINING HARNESSING LEGACY



Hadean was chosen to demonstrate the power of a cloud-distributed simulation by orchestrating in-service training systems and blending 2D, 3D, and Live, Virtual and Constructive (LVC) elements into one immersive training simulation. This would be capable of running large training scenarios for remotely located physical and virtual users, without compromising on fidelity or complexity.

HADEAN’S ROLE

Hadean's AI-powered spatial computing platform transcends the boundaries of existing simulation systems to maximise training output by creating a common operating picture for multi-domain training that reflects the strategic complexity of the real world.

RESPONDING TO ACTS REQUIREMENTS, IT ACHIEVED THE FOLLOWING:

- Combined data from multiple sources and simulators into a common operating picture
- Integrated disparate systems to allow simultaneous tracking of LVC elements with a scalable backend allowing for unlimited entities to be tracked and/or simulated
- Centralised data management to allow for seamless filtering of data and viewpoints at a command level
- Ensured reliable, undisturbed, low-latency connectivity for globally distributed users on any device, even in austere conditions
- Integrated data analytics and monitoring to capture insights for improving training capabilities and future performance output.

Get an in-depth look at how Hadean delivered the ACTS Pathfinder in [this demo video](#).



BENEFITS

- Federation of previously incompatible simulation systems and data points
- Shared real-time world view for all trainees and commanders, whether connected locally or remotely
- Seamless configuration of scenarios and viewpoints from command centre without disrupting training or immersion
- Assets and resources accessible from the cloud, reduced need for on-site hardware
- Instant replay and real-time analysis from recorded data for improved training outcomes

“Hadean has successfully proven the feasibility of the Collective Training Transformation Programme’s Platform Approach to collective training. This approach will support the British Army’s Strategic Objective to modernise and transform Collective Training, by providing the ability to represent the complexity of the contemporary operating environment.”

Brigadier John Wakelin, CTTP Programme Director, British Army

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Powering Yuga Lab's community-driven Metaverse

How Hadean helped the world's leading Web3 company to bridge communities, create unparalleled event experiences, and usher in a new era of engagement.



A SOCIAL PLATFORM TAILOR-MADE FOR WEB3, POWERED BY HADEAN

How do you make an endlessly creative, exclusive and collaborative virtual environment for a community of web3 innovators look?



Yuga Labs, Web3 leader and home of Bored Ape Yacht Club (BAYC), Meebits, Cryptopunks, and 10KTF, has chosen Hadean as a key technical and strategic partner for building its community-driven, blockchain-based metaverse, Otherside.

Hadean was chosen to help Yuga Labs transcend the limitations of existing virtual platforms – pioneering industry-leading capability for large-scale live events, connecting a scalable ecosystem of user-owned worlds, and bringing NFTs to life through immersive social experiences driven by community.

HADEAN IS AN AI-POWERED SPATIAL COMPUTING PLATFORM THAT POWERS LARGE-SCALE, CONNECTED, IMMERSIVE APPLICATIONS.

We have worked closely with Yuga Labs to implement the following:

Support for over 3000 fully interactive users per shared instance in Unreal Engine, each with unique high-fidelity avatars based on owned NFTs.

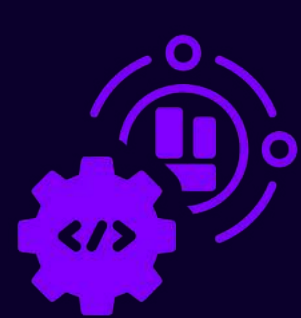


UNLOCKING THE POTENTIAL OF OTHERSIDE FOR YUGA LABS AND ITS COMMUNITY:

Watch how Hadean is helping Yuga Labs to build communities and empower creators.

[VIEW DEMO](#)

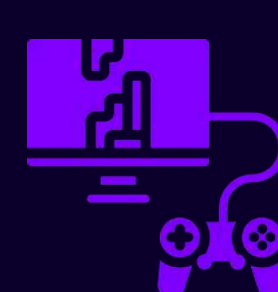
With Hadean on board, Otherside has achieved:



Consistent delivery of its development goals.



High-profile brand partnerships, such as Gucci and Bathing Ape.



Regular playtests, including activations at Apefest 2024.

"As we double down on Otherside, and look to build out unique, live experiences in entertainment and gaming, we are excited about deepening our commitment through investing for the long term with Hadean."

Daniel Alegre CEO of Yuga Labs

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