



3D MOTION AS A SERVICE

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Over the past two decades, photos and videos have become central to modern society. Similarly, technologies featuring animated 3D characters are poised to play a pivotal role in shaping our future.

Digital 3D motion, along with tools for storing, indexing, searching, retrieving, and manipulating such data, is expected to drive and accelerate the rapidly evolving Extended Reality (XR) revolution.

AIM

In this project, ALGOLYSIS (SME/Host Organization) and CYENS (Research Organization/Partner) aim to create a groundbreaking innovation: a 3D motion data search engine.

This transformative technology holds vast potential, comparable to the profound impact that text, image, and video search engines have had on virtually every economic, societal, and cultural facet of our world.



HOW

Algolysis Ltd (SME/Host) and the CYENS Centre of Excellence (RO/Partner) have formed a strategic collaboration to develop and validate an innovative 3D motion data search engine. By combining their complementary expertise, knowledge, and intellectual property, the consortium aims to create a cutting-edge Motion-as-a-Service prototype powered by this advanced motion search engine.

WHAT

We are building a set of cloud-ready motion processing tools, a motion similarity and retrieval engine and integrate all the components of the motion search engine to devise a cloud platform that will offer 3D Motion-as-a-Service!!

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