

ENGINEERING-GRADE 3D VISUALIZATION

Your CAD data, rendered to a standard *engineers trust.*

3DEnginuity turns engineering data into photoreal product renders, technical animation, and interactive 3D — built to survive review by your own engineers, and compelling enough to lead your sales.

FOUNDED BY

A mechanical
engineer

SERVING

Europe & North
America

STARTS AT

\$800 pilot
programme

SERVICES

Industrial 3D Product Rendering

Photorealistic product renders built from your CAD — the workhorse asset for catalogues, web, and sales.

Technical & Exploded Animation

Assembly, exploded-view, and functional animation that explains complex products in seconds.

Digital Twin Visualization

One accurate model, reused across renders, animation, web, and interactive viewers.

Interactive 3D & Configurators

Web-optimized, lazy-loaded 3D your customers can rotate, zoom, and configure in the browser.

Trade-Show Visuals

Seamless LED-wall loops and stand content built to read from across the hall.

Functional Visualization

Airflow, thermal, and mechanical behavior made visible — informed by real physics.

TECHNICAL STANDARDS

INPUT FORMATS

STEP · IGES ·
SolidWorks · Inventor

OUTPUT

4K / print-ready

COLOR PIPELINE

sRGB · Rec.709

INTERACTIVE

Draco-compressed
glTF / GLB

CONFIDENTIALITY

NDA-first · encrypted
transfer

DELIVERY

Private portal ·
recorded approvals

THE PROGRAMME

01 CAD intake, under NDA

You send STEP or native CAD. An agreement is in place before any file moves. Access is restricted to your project team.

02 Direction & first look

We establish lighting and direction with an early styleframe. Your approval here keeps everything after it efficient.

03 Production & review

Structured revision rounds with recorded milestone approvals, tracked live on your private client portal.

04 Delivery & retention

Final assets in every resolution you need. Your source data is deleted or archived on your instruction.

START A PROGRAMME

ceo@3denginuity.com

PILOT

\$800 · 3 renders · 3 business days · NDA on request

WEB

3denginuity.com