



Powerful rendering for limitless creativity.

Award-winning 3D rendering technology
combining photorealism, real-time speed
& best-in-class AI.

Benefits



Award-winning photorealism

The industry standard for ultra-realistic rendering.



★★★★★ 4.5/5



Real-time speed

Real-time rendering at final-frame quality, directly in the V-Ray viewport.



Built for production rendering

The speed & stability you need, no matter the scale.



Streamlined workflow

Seamlessly integrated tools for every stage of the visualization process.



AI-powered creation

Realism is easier & faster to achieve with AI workflows built for precision & flexibility.



Collaboration tools

Chaos Cloud connects visualization to review, feedback, and approval workflows.

Chaos Ecosystem



Vantage



Anima



Veras



Cosmos



Cloud

DCC Integrations



SketchUp



Rhinoceros



3ds Max



Blender



Cinema 4D



Revit



Revit



Houdini

The state of AI in architecture report 2025/2026

86% outstanding customer satisfaction score

30% of power users save 10-15+ hours/week

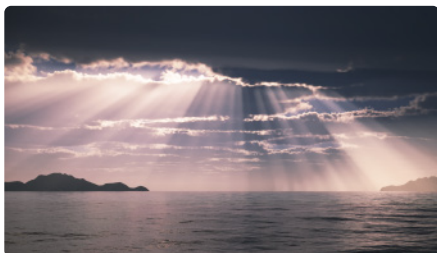
Seamless, end-to-end workflow that lives where you work.

Deliver any visual output with fast, consistent results and complete confidence. From concept to final render, designed for visual storytelling.



Ideate & Build

Quickly assemble your scene with high-quality render-ready assets and advanced scattering. Instantly test ideas with Veras AI before you commit.



Camera & Lighting

Create truly photorealistic scenes using advanced Sun & Sky systems, procedural clouds, Global Illumination, & more. Explore & adjust your scenes in real-time.



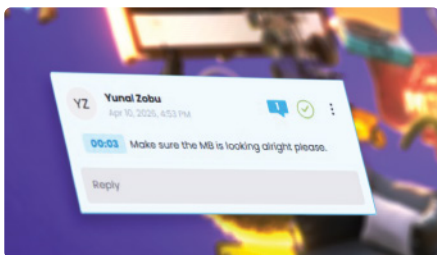
Enrich & Animate

Bring your scenes to life with cinematic movement, scale, and human presence. Add believable, animated crowds and smart traffic with Chaos Anima.



Render & Refine

Render final images & animations with the natural realism. Adjust lighting & color without re-rendering. Refine people, vegetation, & terrain with AI.



Collaborate & Present

Keep projects moving with seamless collaboration, faster feedback on stills, videos and 3D streaming, & client-ready presentations in Chaos Cloud.



Bob White

Lighting Department Supervisor, Digital Domain

V-Ray is rock solid, no matter what you apply it to. We've used it on everything from Thanos to Terminator and we get a consistent output back every time. As we continue to push the boundaries of CG characters, we need tools that can keep up. V-Ray has been there for us every step of the way.



Trusted by thousands of 3D artists, architects & designers worldwide.

AECOM

CALLISON|TKL
A DESIGN CONSULTANCY OF ARCADIS

XOIO



Foster +
Partners

CD

RAMSA

SGP
Architects + Masterplanners



Key fetures

Rendering

Powerful CPU and GPU rendering built for the demands of high-end production. V-Ray® GPU CUDA renders on CPUs as well as GPUs to take full advantage of all hardware.

CPU/GPU rendering Cloud rendering Resumable rendering
Denoising Debug shading Progressive caustics
V-Ray Profiler AI

Geometry

Create and modify geometry objects, including primitives, procedural geometry, modifiers, proxy objects, particle instancing, volume grids, and more.

Proxy geometry Chaos Scatter Gaussian splats support
V-Ray Clipper with render-time booleans
Hair and Fur Specialty geometry

Cameras & Effects

Photographic controls and cinematic effects for compelling visuals.

CPU/GPU rendering Cloud rendering Resumable rendering
Denoising Debug shading Progressive caustics
V-Ray Profiler AI

Collaboration

An easy, structured review and approval process for your team and clients.

Chaos Cloud Collaboration: Image Reviews, Video Collaboration
Video Collaboration Annotations Real-time 3D Streaming
Walkthroughs Virtual Tours

Lighting & Illumination

Create your most realistic work yet, based on physical lighting and true reflections and refractions of materials.

Global Illumination Animatable procedural clouds Sun & Sky
Night Sky Nautical twilight Light Mix Lighting Analysis tools
Adaptive lights Multiple additive Dome Lights AI Mood Match

Render Elements

Choose from nearly 40 unique beauty, utility, and matte passes and get full control over your rendered images in compositing.

Render Elements Multipasses Cryptomatte
Light Path Expressions

Atmospheric & Volumetric effects

Enhance realism with atmospheric depth and lighting effects (fog, haze, precipitation), with full artistic control.

Volume rendering Aerial Perspective
Atmospheric light contribution control

AI-powered creation

Accelerate ideation, enhancement, and final delivery. Win back time with AI tools built into your workflow.

AI Enhancer AI Upscaler Veras AI ideation
AI Material Generator Veras Image to video

Materials, Textures & Assets

Physically based materials and flexible texturing tools for realistic surfaces. Massive asset library for fast scene assembly.

Physically based materials Physical V-Ray Hair material V-Ray Toon Shader
Coat and Sheen layer Texture randomization Chaos Scans Chaos Cosmos material library
AI Material Generator Memory-efficient textures Triplanar mapping Rounded corners

Start your free 30-day trial today!
chaos.com/vray

