VoxScan
At A Glance

Medical Imaging That Explains Itself.

VoxScan.com
ArtemisImmersive.com
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VOXSCAN
BY ARTEMISIMMERSIVE

Why
VoxScan?

The majority of scan viewers are designed for professional use, primarily catering to radiologists, medical imaging specialists, and technologists.
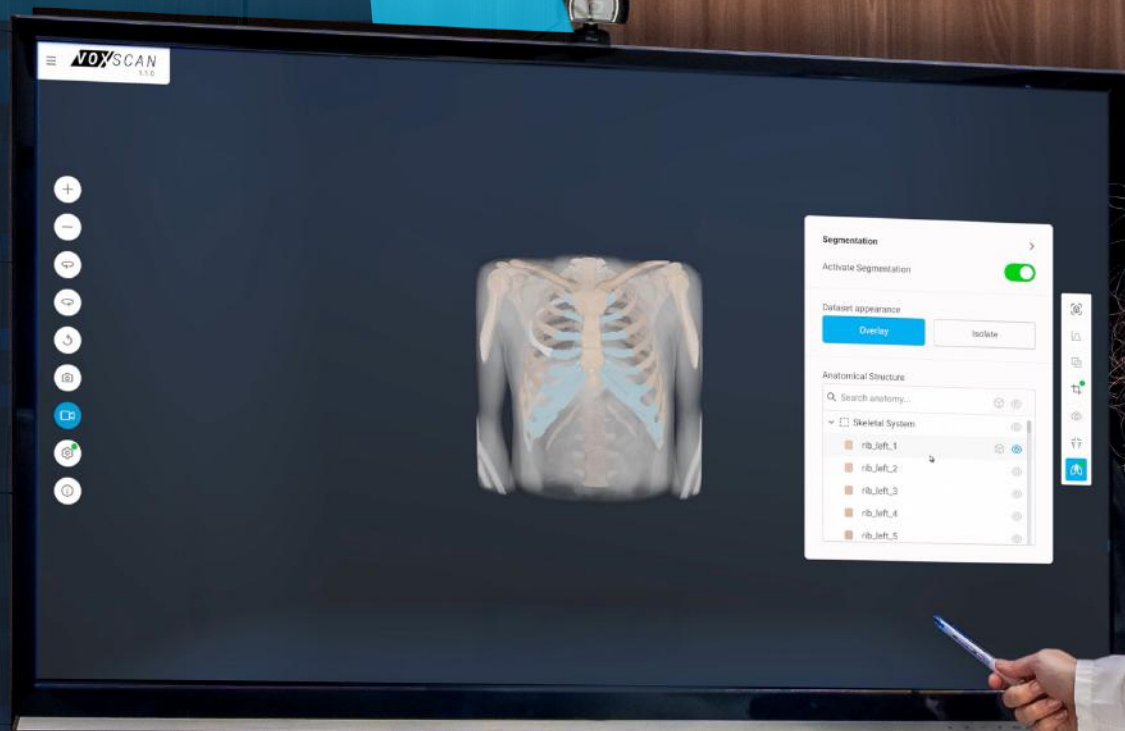
Voxscan was developed with patients and non-medical users in mind, prioritizing ease of use, clear data presentation, and educational value for a lay audience.

The software leverages a popular game engine, enabling the integration of advanced technologies such as AI models and unique visualizations and incorporation of generalized anatomy models that serve as a reference to guide patients, injury victims, and jurors in the understanding of their medical imaging and conditions. This has been cost-prohibitive and difficult to maintain in a traditional development environment, however with VoxScan this is no longer the case.

Key
Advantages

- One-Click Scan Loading
- Reference Anatomy Models
- Layered 3d Visuals
- Ai-Powered Segmentation
- Exportable 3d Meshes
- Side-By-Side Scan Comparison *(Coming Soon)*
- Built-In Animation Tools
- Automated Presentations *(In Development)*

Core Features

Automated File Loading

Seamlessly detects and imports DICOM data from discs or drives — no file hunting, no confusion.

Reference Anatomy

Compare patient data against standard male and female anatomical models to highlight abnormalities or reinforce normalcy.

Layered Volumetric Views

Switch between interactive visualization layers — isolate bone, muscle, soft tissue, and more to drive clarity.

AI-Powered Segmentation

On upload, Voxscan uses open-source AI to generate anatomy segmentations — shown as overlays or isolated 3D structures. These drive all major functions in the software.

Polygon Mesh Exporting

Create 3D meshes from segmented data for:

- Detailed scan interaction
- Export to external tools
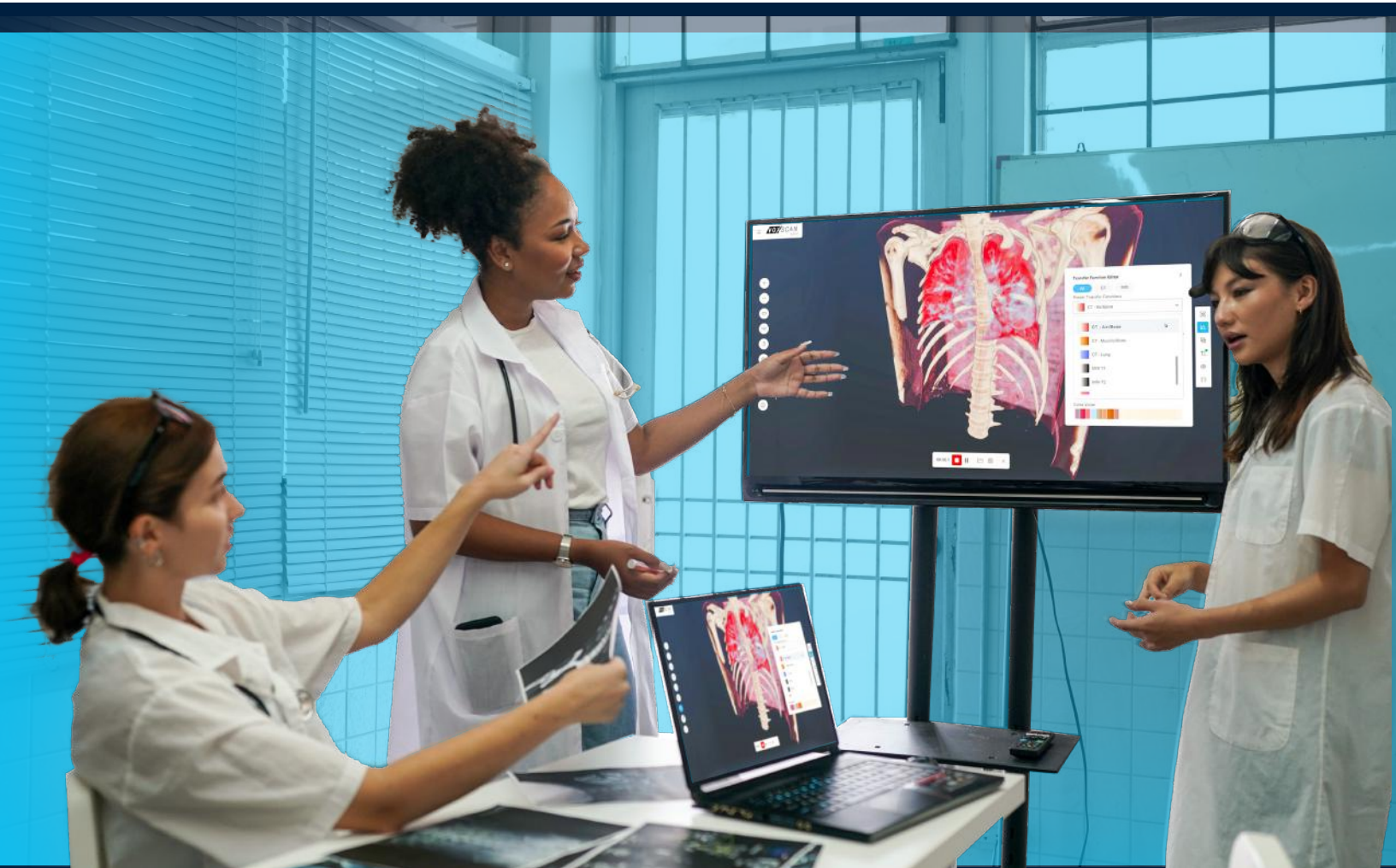- 3D printing for surgical planning or legal exhibits

Intuitive

Medical Imaging

Made Clear

Voxscan delivers intuitive medical imaging made clear — designed for patients, attorneys, and educators who need to see and understand scans without medical training. From automated file loading to anatomy-guided visuals, Voxscan simplifies complex data into meaningful insights.

Coming Soon:
Next-Level Comparison

Future Features

Dual-Scan Comparison Mode

Effortlessly view two scans side by side — whether comparing pre- and post-op results, CT vs. MRI, or different scan resolutions of the same region. This feature helps clinicians, attorneys, and educators highlight change, progress, or discrepancies with precision and ease.

Preset-Driven Animations

Create professional-grade medical animations without technical expertise. Choose from prebuilt presets that animate scan rotations, zooms, and anatomy reveals — ideal for courtroom exhibits, patient education, and academic training.

Fully-Automated Presentation Mode

Turn complex scan data and medical reports into ready-to-share visual stories. Using templates and user input, Voxscan will generate clean, consistent presentations at scale — perfect for high-volume legal or clinical workflows.

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