

VoxRay: AI-Powered Radiology Intelligence with 91.1% Diagnostic Accuracy



Built for Precision. Designed for Radiologists.

VoxRay is a HIPAA-compliant, AI-powered radiology platform that delivers 91.1% diagnostic accuracy, real-time 3D image rendering, and advanced DICOM file processing within seconds.

Every scan represents a critical decision that impacts patient outcomes. With increasing case volumes and workforce shortages, radiologists need intelligent support systems. VoxRay serves as a clinical partner designed to enhance diagnostic precision and workflow efficiency.

The Challenges VoxRay Addresses

Diagnostic errors affect over 795,000 patients annually in the U.S., while the radiology field faces a projected shortage of 42,000 specialists by 2033. Radiologists must process increasing image volumes with limited time, often using outdated infrastructure that relies on static views and slow processing systems. Additionally, healthcare organizations require robust security measures and compliance protocols for imaging platforms.

VoxRay Capabilities

Core Features:

- 91.1% AI diagnostic accuracy validated across diverse datasets
- Drag-and-drop DICOM ingestion with PACS connectivity
- Real-time 3D rendering for enhanced anatomical visualization
- AI-assisted findings that support clinical decision-making
- HIPAA-compliant architecture with cloud or on-premise deployment options
- Seamless integration with existing PACS/RIS systems

VoxRay Development Roadmap?

Our innovation doesn't stop here. VoxRay's future includes:

- EHR/EMR integration for unified clinical workflows
- Client-specific AI fine-tuning and private model training
- Localized model support using client datasets for enhanced privacy
- Advanced image reconstruction with noise reduction capabilities
- Digital signature support for radiologist validation
- Role-based task automation with intelligent notifications
- SOC 2 compliance & enhanced security protocols
- Automated quantitative analysis & pattern recognition across complex imaging studies

Clinical Impact

30% faster read times =

less burnout, more focus

More accurate findings =

fewer errors, better patient outcomes

Seamless integration =

no retraining, no workflow disruption

Scalable and secure =

future-ready platform for enterprise radiology teams

Modular architecture =

evolves with your clinical and compliance needs

Target Applications

- **Radiologists** benefit from reduced diagnostic fatigue and improved reporting efficiency.
- **Chief Medical Officers** can increase diagnostic throughput while reducing error rates.
- **Healthcare IT Leaders** gain access to a compliant, scalable solution with minimal implementation complexity.
- **Diagnostic Imaging Centers** enhance diagnostic quality without operational overhead increases
- **Hospital Innovation Teams** can integrate AI capabilities into broader enterprise transformation strategies.

Experience VoxRay

VoxRay transforms radiology workflows by combining artificial intelligence with 3D imaging precision and real-time diagnostic accuracy, supporting radiologists in delivering optimal patient care.

