

# Simpleware ScanIP Medical

Software Solutions for Clinical Applications



### State-of-the Art Technology

Our industry-leading 3D image processing platform leverages patented technology and enables comprehensive analysis of even the most complex anatomical scans. Increase confidence in clinical decision-making through reliable, repeatable software workflows.

### Expert Support and Customization

All licenses come with full support from our team of experts. Our engineers can help you develop your unique and customized workflows, ensuring your use of the software is as efficient as possible, and your final output matches your requirements. Learn how to get the most out of the software with one-to-one sessions, web-meetings and tailor-made training courses.

### Ease-of-Use

Simpleware software is accessible to both beginners and more advanced users who need insights from medical image data. Streamline your software resources with a complete medical image processing platform for your R&D workstations, radiology department, or other clinical environments.

### Try Simpleware Software

Try the software for yourself with a free evaluation version, available on our website. The trial is fully functional and gives you access to the complete Simpleware software suite, full range of tutorials and technical support.

### Simpleware Software Solutions

The Simpleware product group at Synopsys develops an industry-leading 3D image processing platform for the visualization, quantification and conversion of 3D scan data (MRI, CT, micro-CT...) into high quality design, simulation and 3D printing models. Simpleware software is used in the Life Sciences, Clinical Applications, and Materials & Manufacturing. Easy-to-learn and use, the software offers a robust bridge between the latest imaging technologies and multiple design and simulation applications.

For more information, go to [www.synopsys.com/simpleware](http://www.synopsys.com/simpleware)

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# Complete Solutions for Medical Image Data Processing

## FDA, CE, and ISO Certified

### Exceptional Software with Regulatory Compliance

Simpleware ScanIP Medical comes with FDA 510(k) clearance, CE marking, and ISO 13485:2016 certification as a medical device. Use Simpleware ScanIP Medical to import clinical MRI and CT scans over PACS systems for all your image processing requirements.

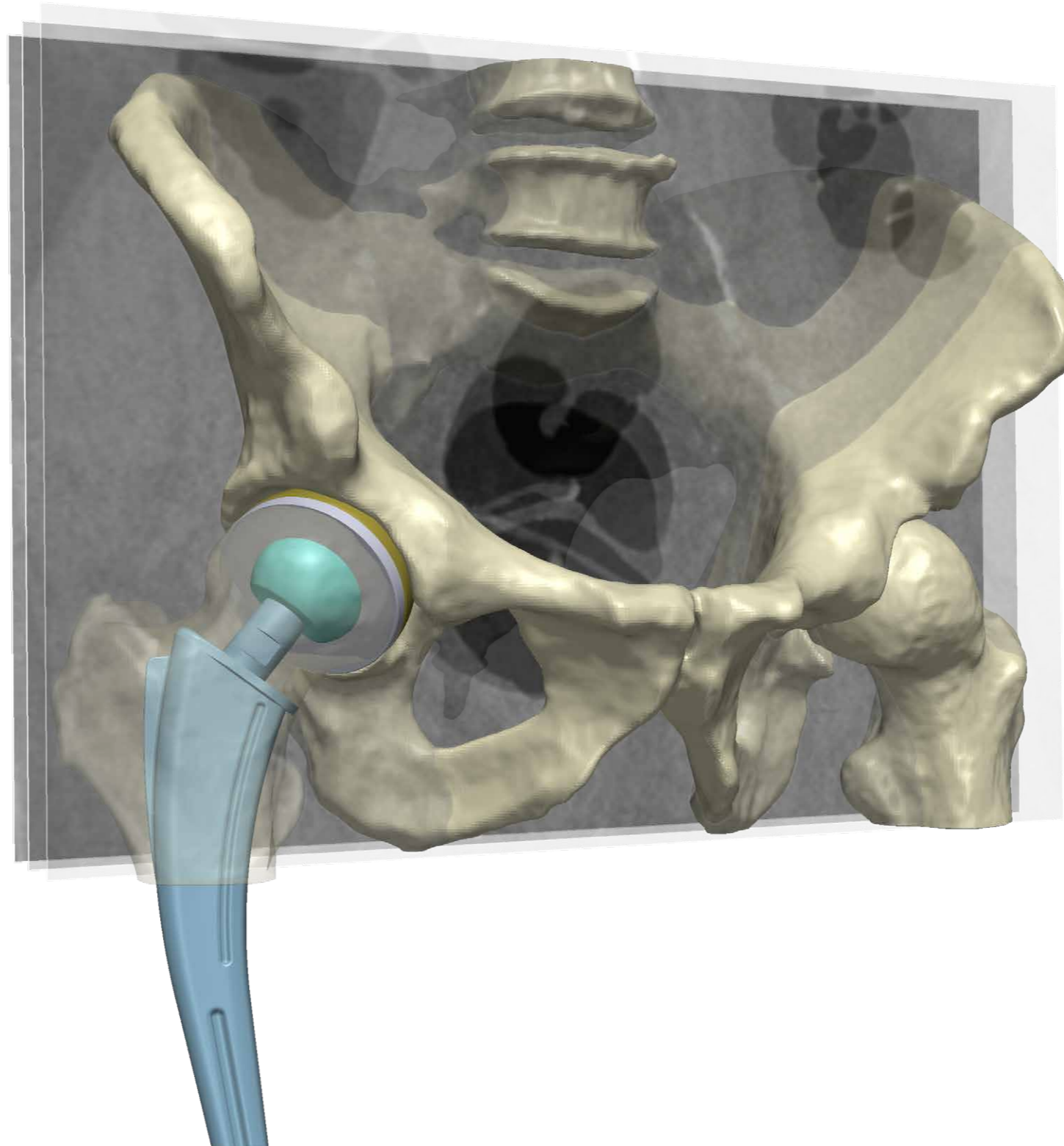
- Ideal for 3D printing labs, radiological departments, and medical device R&D teams
- Speed up compliance processes by integrating certified software into your workflows
- Accelerate time-to-market for new devices and patient-specific solutions

## Better Understand Patient Anatomies

### Complete Medical Image Processing Toolkit

Simpleware ScanIP Medical enables comprehensive processing of patient-specific medical imaging, from visualization and segmentation of anatomies, to straightforward and advanced measurement and statistics options. Ideal for working with even the most complex clinical scans, Simpleware ScanIP Medical provides accurate, repeatable results.

- Easy-to-use unified interface developed with medical professionals
- Presets and semi-automated tools available to speed up segmentation time
- Comprehensive tutorials, integrated help and expert technical support



## Best-in-Class Model Generation

### Accurate Models for 3D Printing and Simulation

Simpleware ScanIP Medical uses proprietary methods to create 3D models. These methods leverage sub-pixel resolution to generate the most accurate 3D print models on the market. In addition, generate Finite Element (FE) and Computational Fluid Dynamics (CFD) models using robust patented techniques, suitable for exploring post-operative outcomes and implant performance.

- Increase your confidence in the accuracy of patient-specific 3D models
- Improve communication with colleagues and patients
- Reduce the risk of failure of patient-specific implant designs

## Design Innovative Medical Devices and Procedures

### Accelerate Implant Design and Surgical Planning

Simpleware ScanIP Medical is ideal for both implant design and patient-specific pre-surgical planning. Implant designs (CAD) can be straightforwardly imported, positioned and integrated within the patient's scans to evaluate the performance of implants and other medical devices.

- Accelerate new product development and improve efficacy
- Increase efficiency when designing patient-specific devices
- Automate workflows in-house or leverage Simpleware's technical support