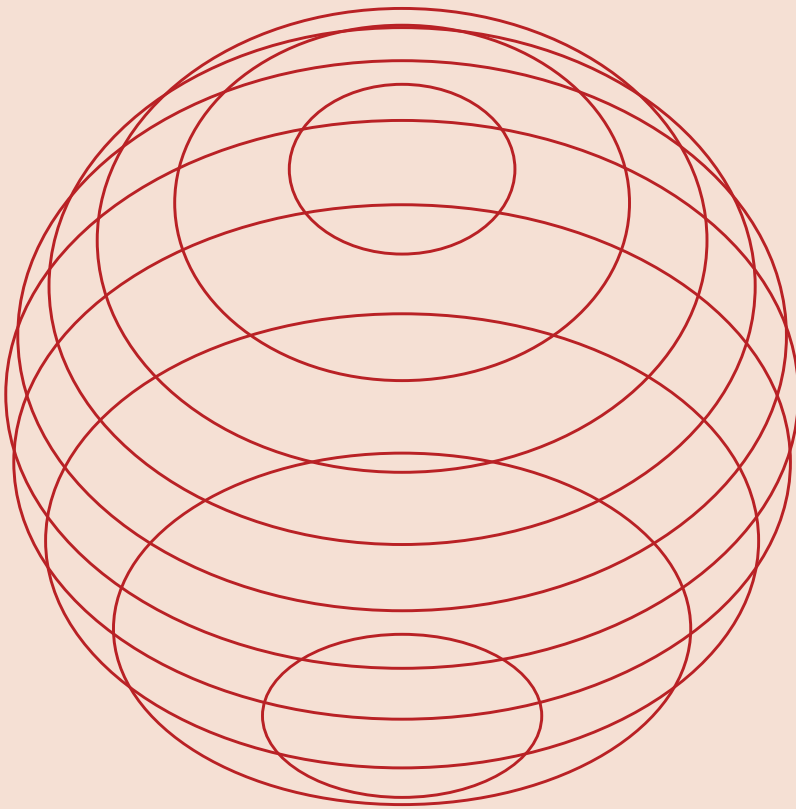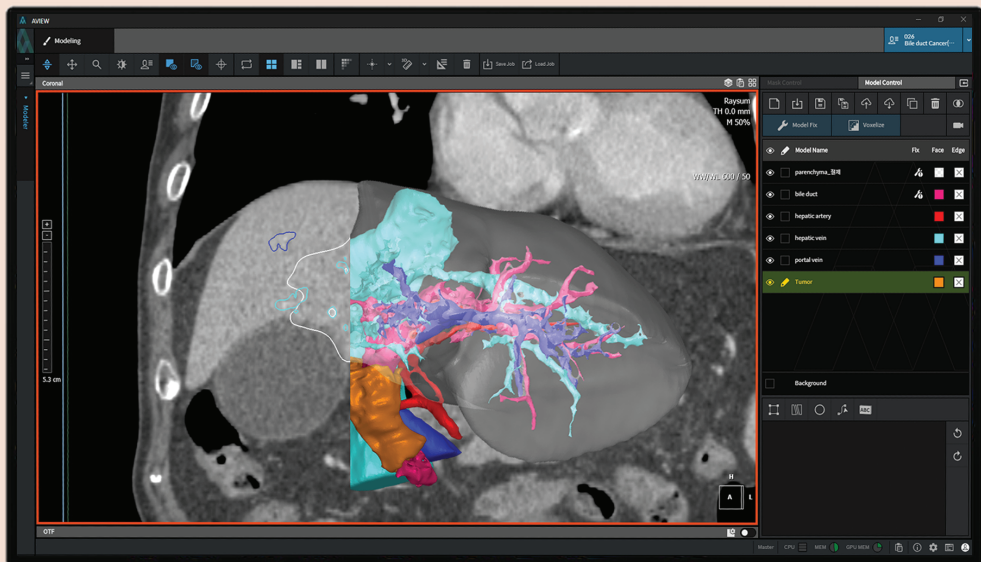# aview: Modeler

Medical 3D modeling & printing solution

core:line

All-in-one Software for
medical 3D modeling & printing solution.

core:line's aview:Modeler is an all-in-one modeling software that models a desired part in CT and MRI images into 3D and converts it into an STL file for 3D printing.
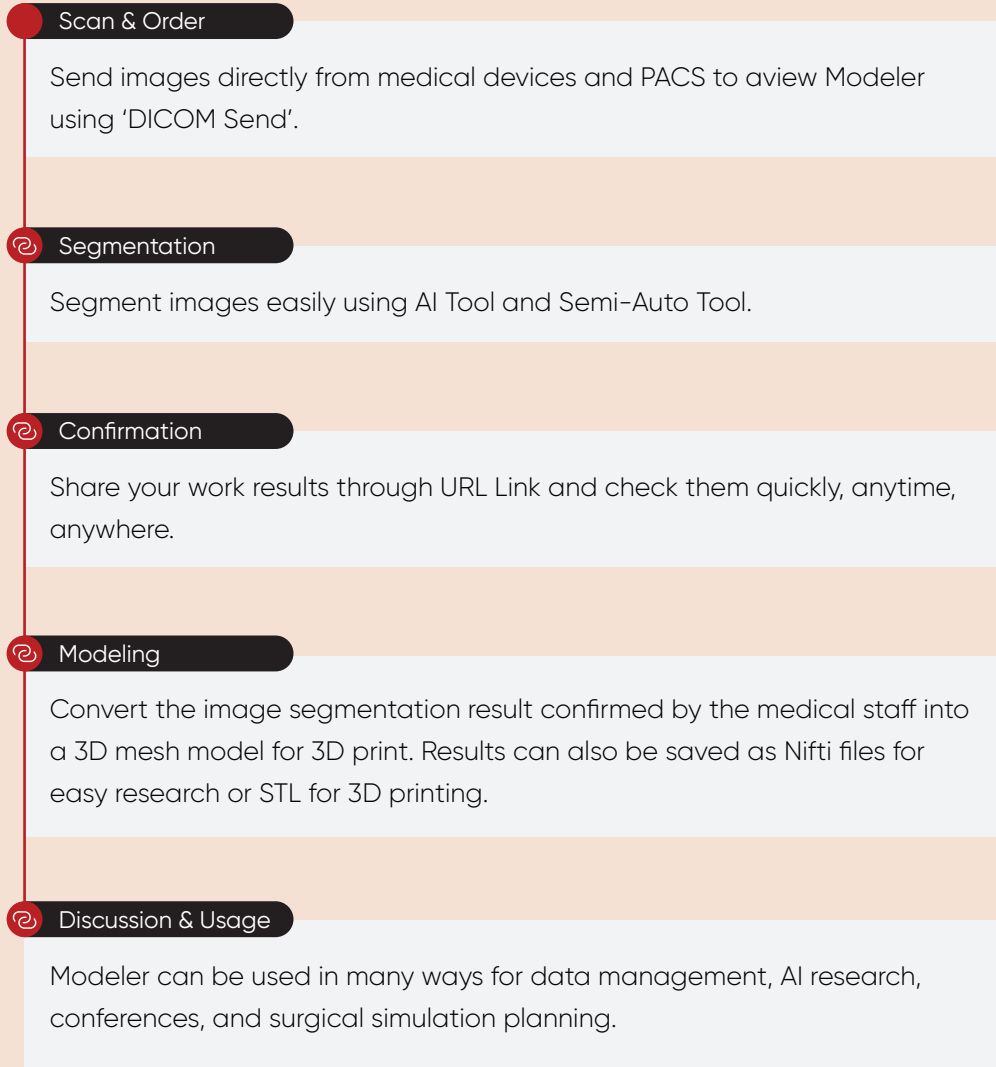

aview: Modeler

Check & communicate results in real time.

Shorten the production time and save cost of 3D printing process.

Collaboration & Communication

- The work proceeds quickly and easily without the need for a face-to-face meeting. Medical staff and engineers can share the screen and communicate in real time by sharing the URL link, and can directly check the work through the Viewer.

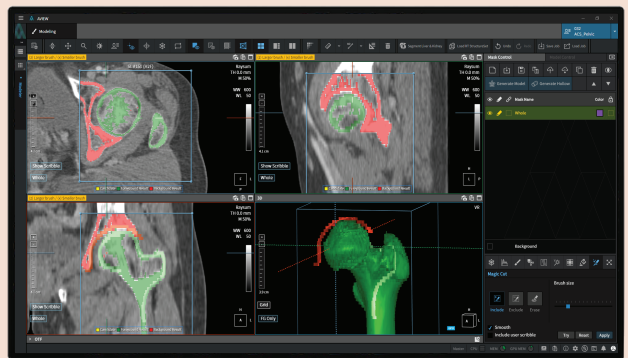### Collaboration & communication in 3D printing process

Scan & Order

Send images directly from medical devices and PACS to aview Modeler using 'DICOM Send'.

Segmentation

Segment images easily using AI Tool and Semi-Auto Tool.

Confirmation

Share your work results through URL Link and check them quickly, anytime, anywhere.

Modeling

Convert the image segmentation result confirmed by the medical staff into a 3D mesh model for 3D print. Results can also be saved as Nifti files for easy research or STL for 3D printing.

Discussion & Usage

Modeler can be used in many ways for data management, AI research, conferences, and surgical simulation planning.
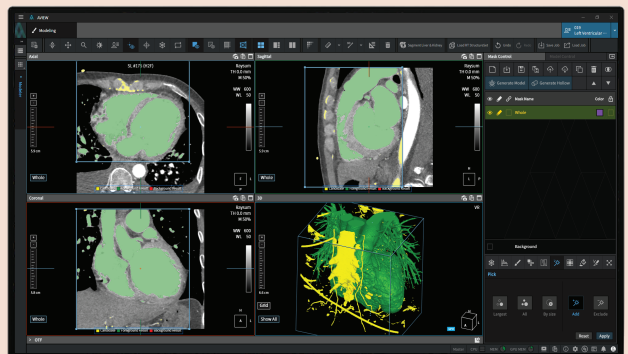
Provides all functions
for medical 3D printing.

Magic Cut Segmentation

- Automatically analyze and divide the boundaries of the human body structure with only 2 or 3 lines in one cross section.
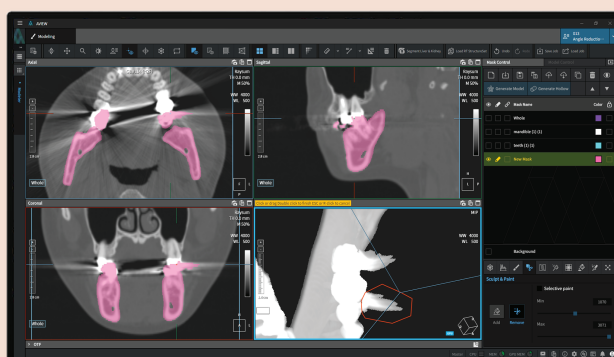

Pick

- Splits connected Masks with one click
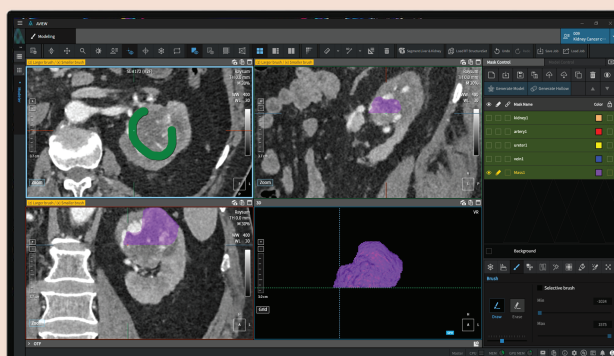

aview: Modeler

Sculpt

- Cut out or add a mask of a desired area using straight lines, curves, free lines, etc.

Brush

- Add or delete masks with points or straight lines and free drawing
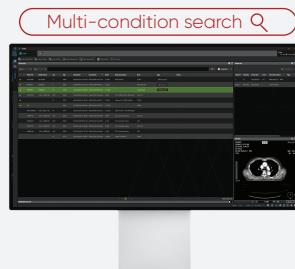
Together,
it's easier.

Collaboration with multiple co-workers & communication

- Collaborate with multiple co-workers & communicate quickly and easily with aview:Modeler specialized in 3D image segmentation.

1 Worklist

Modeler provides a optimized worklist for managing vast amounts of data, making it easy to search and manage data.
You can easily find data with multi-condition search.

Multi-condition search 🔍

2 Simultaneous access for 3 people

Connect and work on the web-based approach using the thin client.
Up to 3 simultaneous user access is allowed.

* investigational use only

3 Easy and fast communication

Share the screen in real time and check the work result using URL link.
Simple and accurate communication reduces work time.
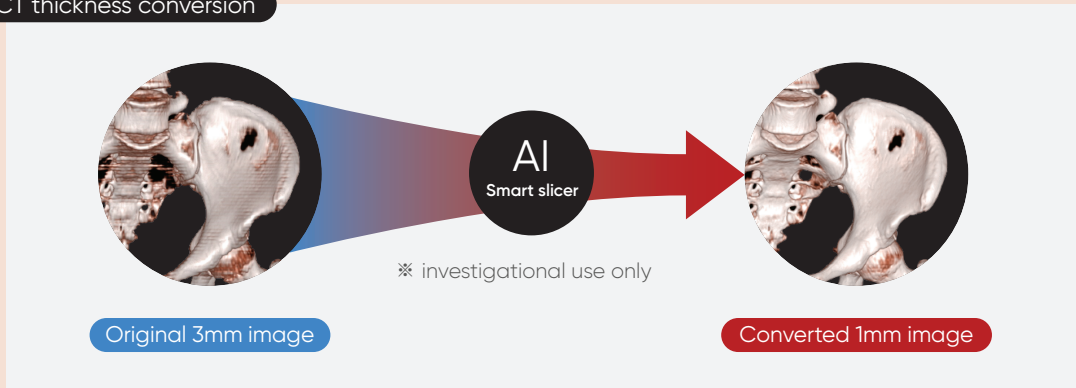
* investigational use only

Customize it to your preference, and add the AI features you need.

Smart Slicer (AI)

- Trained AI with the geometric structure of the human body can reconstruct the slice thickness of CT images up to 5X thinner.
- The DICOM data be reconstructed to 1mm or less and the quality of converted image is close to the original DICOM data.

CT thickness conversion

AI
Smart slicer

※ investigational use only

Original 3mm image

Converted 1mm image

Auto Segmentation Server (AI)

- AI automatically performs segmentation of organs and bones. By supporting DICOM-RT, results can be directly applied to the existing radiation treatment plan.

Head & Neck	Chest / Breast	Abdomen	Pelvic
15 organs	16 organs	6 organs	10 Organs

aview: Modeler

Medical 3D modeling & printing solution
Experience an all-in-one solution for medical 3D printing

FDA Cleared   CE   ISO 13485 Quality Management for Medical Devices CERTIFIED   GMP