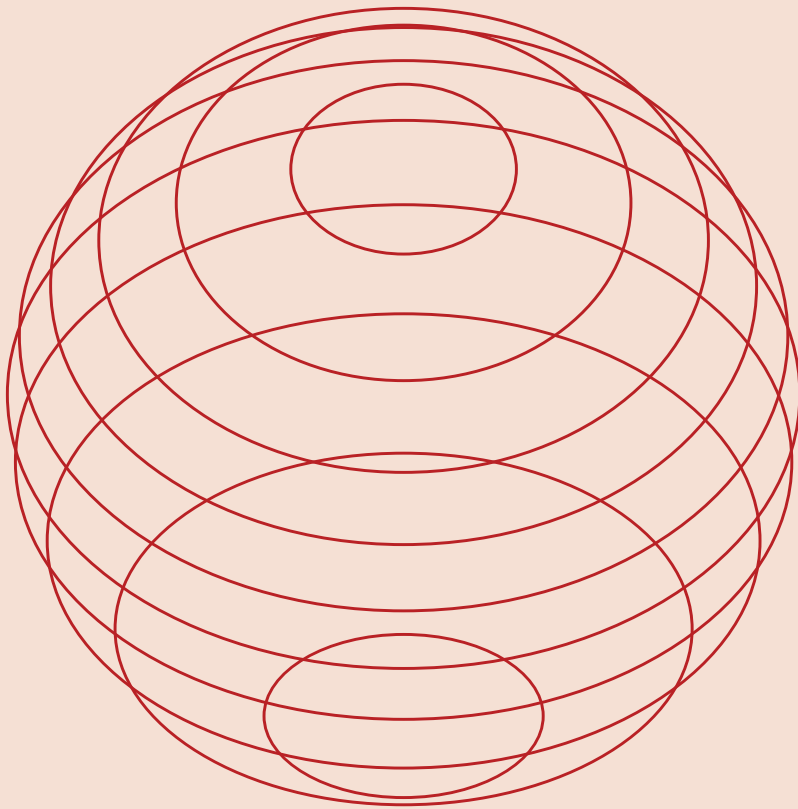


# aview:Modeler

Medical 3D modeling & printing solution

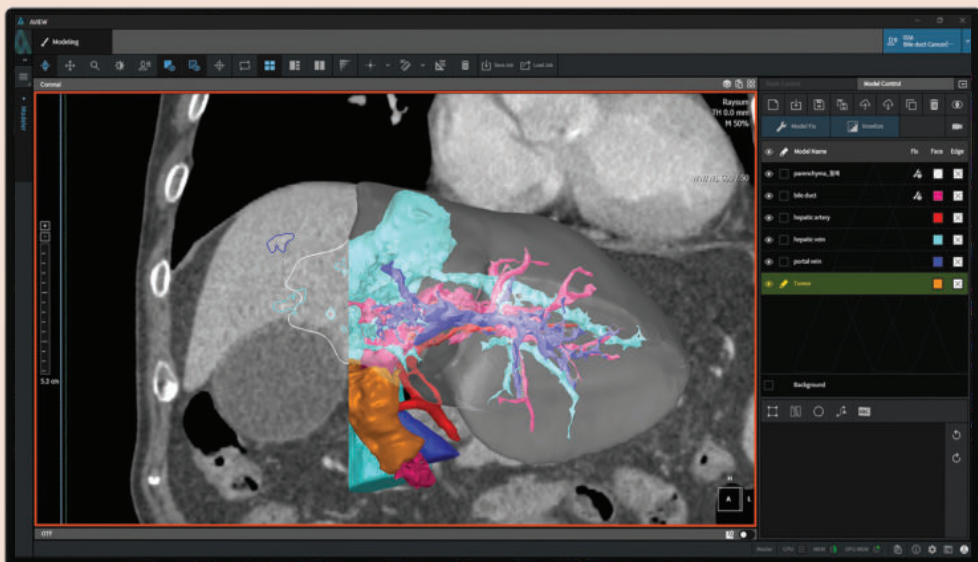
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## Introduction

# 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.



## 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

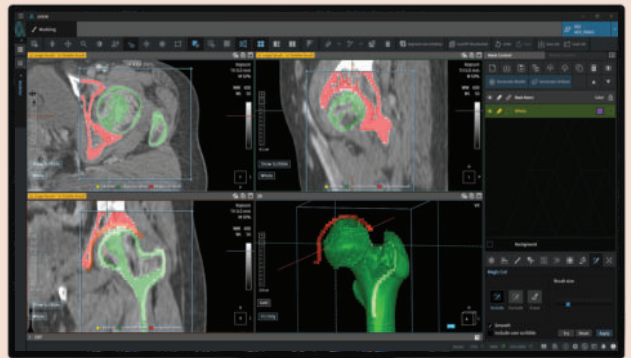
Modeler can be used in many ways for data management, AI research, conferences, and surgical simulation planning.

## Key features

# Provides all functions for medical 3D printing.

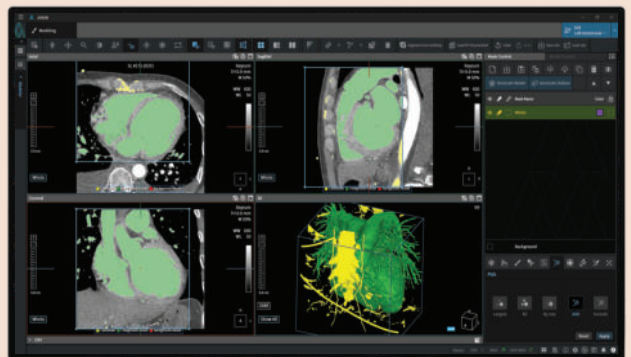
## Magic Cut Segmentation

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



## Pick

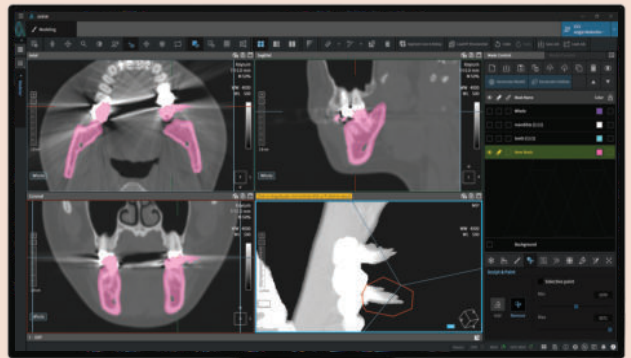
- Splits connected Masks with one click





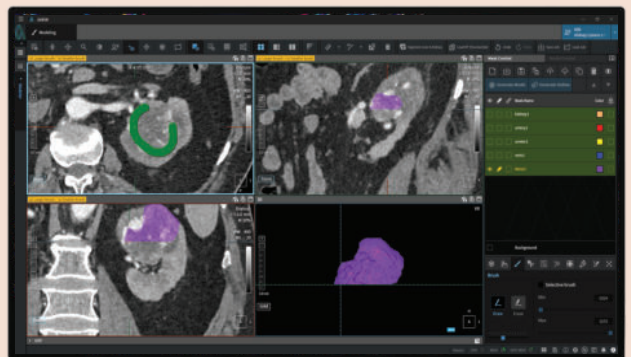
## Sculpt

- 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



## Key features

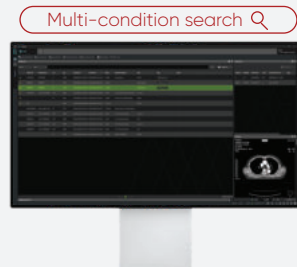
# Together, it's easier.

## 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.



### 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

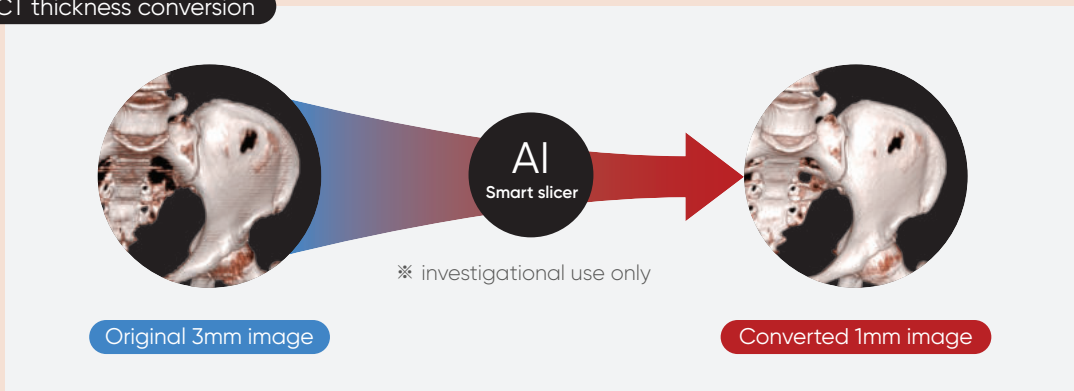
## Key features

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



### 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

15 organs



Chest / Breast

16 organs



Abdomen

6 organs



Pelvic

10 Organs

# aview:Modeler

Medical 3D modeling & printing solution

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

