

 aspect<sup>3D</sup>

The logo features a blue, stylized arrow-like shape pointing to the right, followed by the word "aspect" in a white, lowercase, sans-serif font, and "3D" in a smaller, white, uppercase, sans-serif font to its upper right.



capture it.

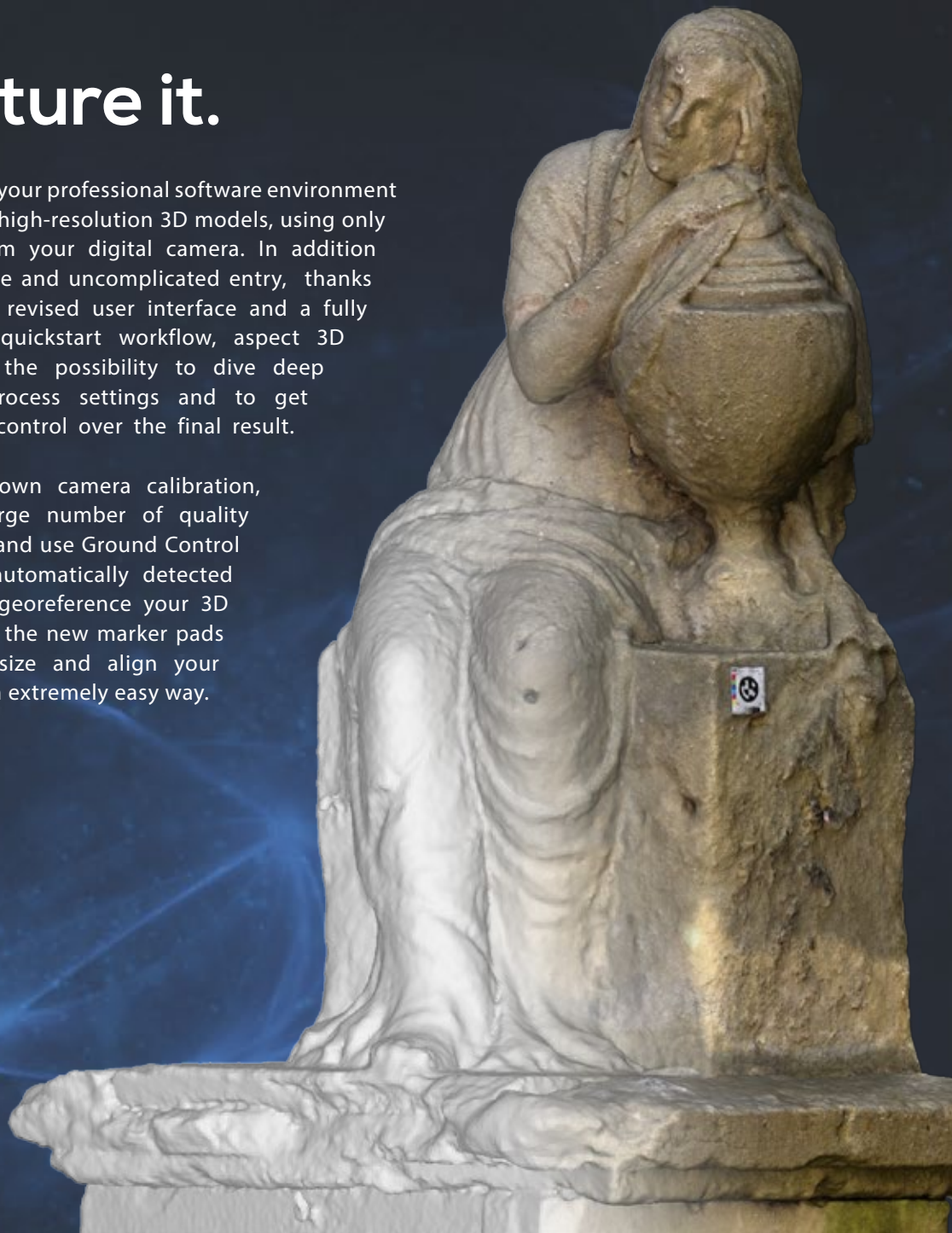
# aspect<sup>3D</sup>



## capture it.

aspect 3D is your professional software environment for creating high-resolution 3D models, using only pictures from your digital camera. In addition to the simple and uncomplicated entry, thanks to the new revised user interface and a fully automated quickstart workflow, aspect 3D also offers the possibility to dive deep into the process settings and to get even more control over the final result.

Load your own camera calibration, adjust a large number of quality parameters and use Ground Control Points via automatically detected markers to georeference your 3D model. With the new marker pads you can resize and align your objects in an extremely easy way.





# take the next step.

aspect 3D gives you all the possibilities to take the next step in processing your data. Beyond the mere creation of 3D models from image sequences aspect 3D also offers a rich set of 3D tools. Turn your processed data into orthophotos and digital surface models that can be exported as images with extremely high resolution including depth information.

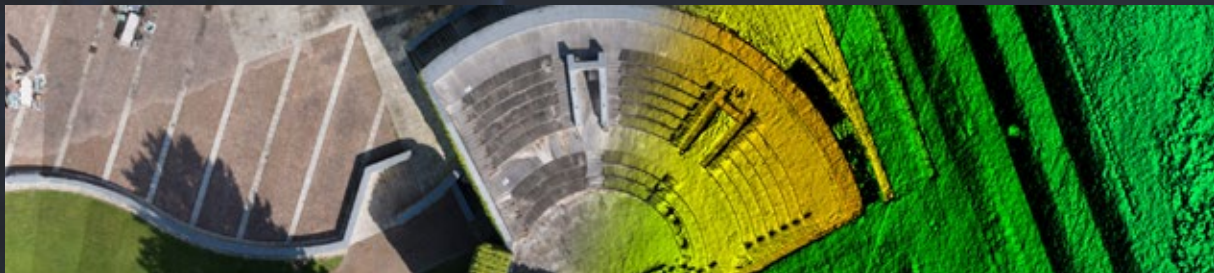


Orthophoto / DSM



3D Tools

Generate sections of your models and export them as a DXF file. Take advantage of the wide variety of measurement and drawing tools to comprehensively record your data. Include a coordinate frame and save any view of your model in highest quality.

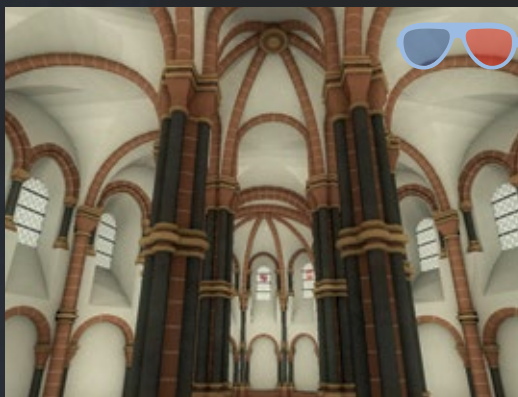


# enhance your possibilities.

For even more possibilities, you can also extend aspect 3D with one of the available modules.



Presentation



## Presentation

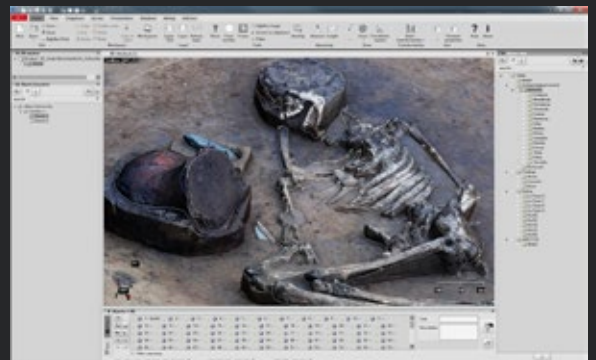
The presentation module offers you the possibility to stage your models in an appealing way. Create smoothly animated cameras, through the use of splines. Render your camera shots as HD video. Use the turntable function to present your scans within aspect 3D as a rotating model. Move over terrain and through interior scans as if in a computer game. And all of this in stereo 3D.



Database

## Database

The database module contains a freely configurable PostgreSQL-database. It helps you to systematically manage, sort and combine data from various 3D sensors. 3D models can also be segmented, structured, annotated and managed in single parts.





# capture it.



camera calibration • bundle adjustment • dense point cloud • mesh creation • photorealistic texturing  
digital elevation model • orthophoto • presentation

## aspect 3D is for

- Geoscience
- Surveying
- Engineering
- Mining
- Archaeology
- Cultural Heritage
- Visual Effects
- Gaming
- 3D Printing
- Art

## available modules

### aspect<sup>3D</sup>

Offers all tools and functions to create 3D models and coloured 3D point clouds from image series.

### Presentation

Provides tools for presentation and for generating HD videos of your 3D models.

### Database

Includes an integrated PostgreSQL database for storing and managing 3D models.

## ArcTron<sup>3D</sup>

For further information and purchase:

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