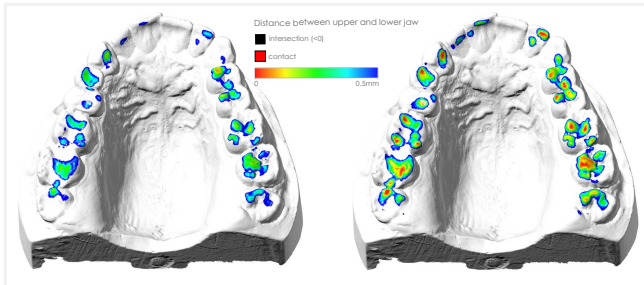


Intercusp - intersection-free alignment of digital jaws

Intercusp is a ready for use software module (DLL) that lets digital jaws automatically glide onto each other until they touch. In doing so it is mathematically impossible for the upper and lower jaw to even minimally intersect. The result is a sustainably intersection-free alignment in a maximum intercuspation.

Intercusp is available for lab scanners and intraoral scanners (IOS). Our software methods open the possibility to skip the bite scan with lab scanners.



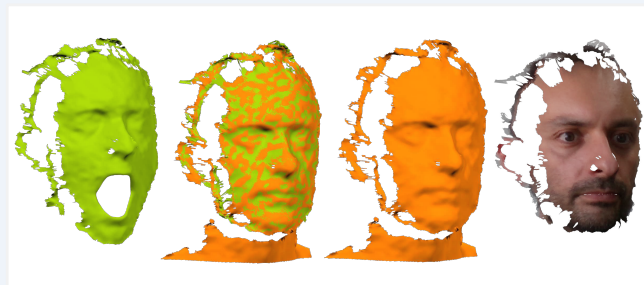
Jaws not in occlusion (left), intersection-free alignment with **Intercusp** without bite scan (right)

Your advantages and benefits

- Intersection-free fine alignment of jaw scans
- Possibility to skip bite scan
- Faster workflow, precise results
- Individually adapted API
- Platform independent (Windows, Mac, Linux)
- For lab and intraoral scanners

3D Face Scans - preview of treatment results

Our face scan animation computes a realistic 3D animation from two or more static 3D scans that shows an interactive preview of the results of future dental treatments.



Extracts of a synthetic, realistic 3D animation based on static, real 3D scans

Your advantages and benefits

- No 3D video recording necessary, 2 scans sufficient
- Simple recording thanks to marker-free algorithms
- Possibility to include jaw scans
- Interface to digital functional analysis
- Result: high-quality 3D animations of faces after future treatments

Smart software solutions for dental technology and dentistry

We are a Viennese software producer and have been developing efficient and robust 3D/CAD/CAM software to process, analyze and model 3D data for almost ten years. With our strong background in mathematics and geometry we create unique solutions for dental technology and dentistry.



Efficient software modules for matching, meshing, digital functional analysis

Our core competencies

- Matching and SLAM (3D scans, bite scan, scan marker)
- Meshing: processing raw depth maps of lab and intraoral scanners
- Digital functional analysis: occlusion, virtual articulation

Ready for use and tailor-made software solutions for

- Lab scanners
- Intraoral scanners
- Face scanners