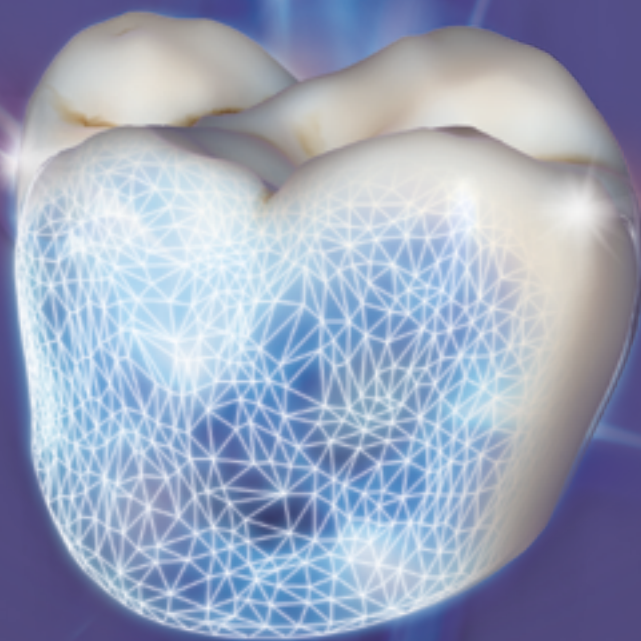ChairsideCAD

SINGLE-VISIT
RESTORATIONS
MADE EASY

exocad

ChairsideCAD—
innovative, intuitive, integrated

Take your practice to the next level

ChairsideCAD is single-visit dentistry and much more. Utilize the software for design, collaboration with your preferred lab, esthetic planning and for communication with patients. Make it the centerpiece of your digital workflows. Reuse anatomical designs for multiple jobs and save time along the patient journey: From clip-ons and temps to the final restoration—*ChairsideCAD* provides an easy design workflow for you.

ChairsideCAD is the first complete open-architecture CAD software platform for single-visit dentistry. The chairside workflow is streamlined, easy to learn and optimized for use in the practice, with its step-by-step guide through the design process. It is based on the same proven technology as exocad's cutting-edge lab software, renowned for its reliability and robust features. In just a few steps, exocad's

ChairsideCAD creates highly esthetic proposals with ease. Make the most of your intraoral scanner with *ChairsideCAD*. Our software works with a wide range of scanners, production systems and materials. For cases not produced in your practice, take advantage of the integrated communication platform *dentalshare* to easily collaborate with the lab of your choice.

Material libraries

Intraoral scanners

Collaboration with dental labs

ChairsideCAD

3D printers

dentalshare for online collaboration

Milling machines

Desktop scanners

Jaw tracking devices

exocad.com/chairsidecad

ChairsideCAD **benefits** at a glance

ONE PLATFORM

all digital dentistry solutions
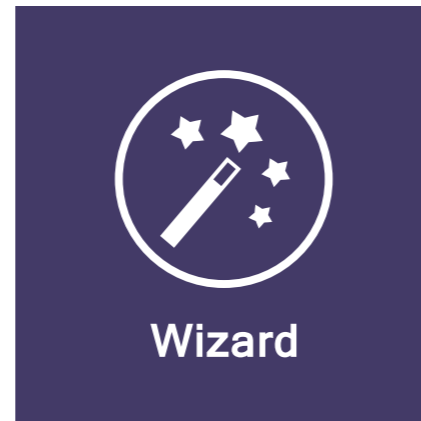

Wizard

Compatible—works with a large number of intraoral scanners

Load your patient's 3D scans easily into *ChairsideCAD* from many open intraoral scanners. You have the freedom to choose and change your hardware based on your specific needs.
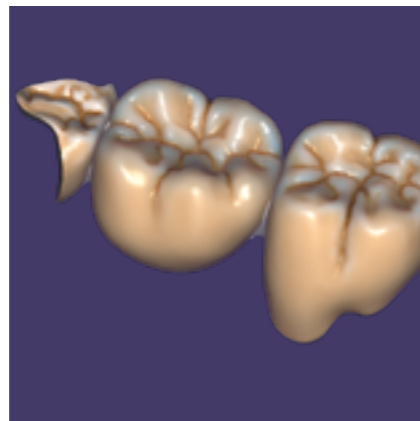
Versatile—wide range of indications for single-visit treatments and more

Design beautiful and functional dental restorations, such as crowns, bridges, copings, veneers, inlays, onlays, pontics, provisionals and dental appliances.

User-friendly—guided workflows in wizard mode

Benefit from the intuitive, guided approach of *ChairsideCAD* that offers you maximum ease of use and consistent results. exocad's proven wizard-based workflow guides you through every step of the CAD/CAM process.
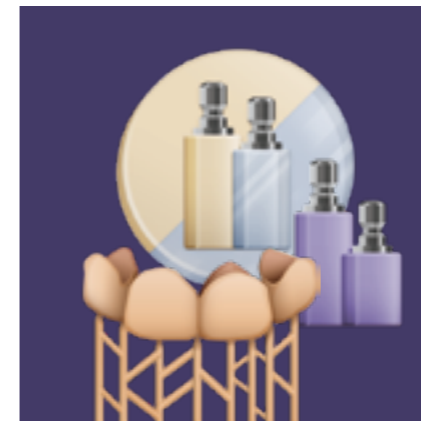
Comprehensive—open library of production materials

Produce your dental restorations by accessing *ChairsideCAD's* comprehensive, open library of materials from leading manufacturers. Various generic blanks for hybrid ceramics, lithium silicates, lithium disilicates and glass ceramics are also available.
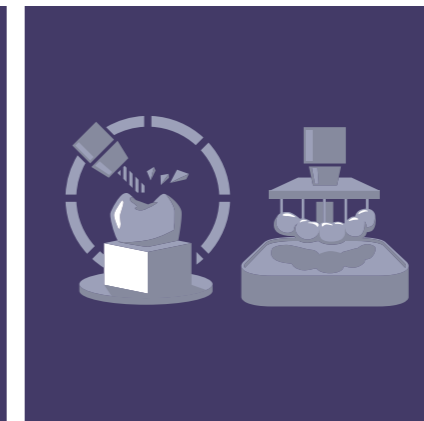
Free choice—use with integrated production devices or almost any open 3D printer or milling machine

Maximize your return on hardware investments with *ChairsideCAD*. With its open software architecture, all design data is exported in an STL file format. This allows you to manufacture your restorative designs on almost any open 3D printer or milling machine.

Expandable—add-on modules to do more and expand indications

Expand your service offerings and generate more value with your business by upgrading *ChairsideCAD* with various add-on modules, according to your and your patients' needs.

Get the most out of your **intraoral scanner**

NIRI technology and intraoral camera images are automatically incorporated via the iTero-exocad Connector™ when designing restorations in *ChairsideCAD*. This allows you to visualize the internal and external tooth structure and optimize margin line tracing.

# Introduce **single-visit dentistry** to your office

exocad *ChairsideCAD* indications and functionalities

ChairsideCAD helps you to design various esthetic and functional dental restorations and appliances while the patient is still in the chair. Ensure a high level of automation and consistent results with *ChairsideCAD's* simplified, intuitive user interface and open tooth and material libraries.
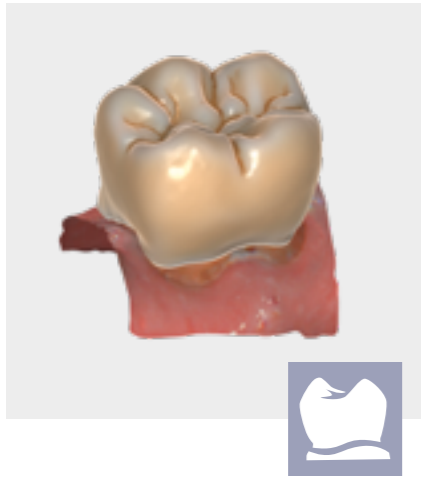
Anatomic crowns

Design beautiful and functional crowns with minimal effort. Multiple high-quality tooth libraries are included.
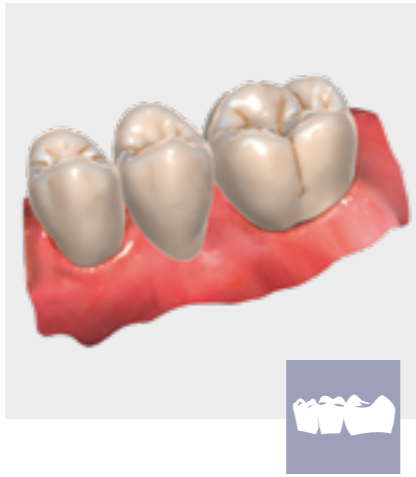
Bridges

Design full-contour bridges, including inlay, cantilever and Maryland bridges.

Frameworks

Practices with in-office labs can take advantage of the advanced framework design options.
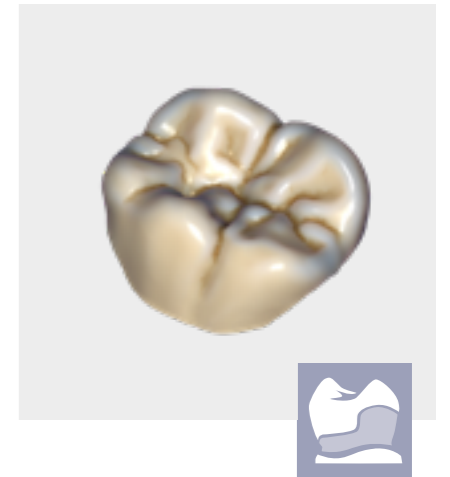

Inlays/onlays

Beautiful, natural-looking inlay and onlay restorations can be designed rapidly and easily.

Veneers

Achieve highly esthetic results with just a few mouse clicks. Several beautiful, natural tooth libraries are included.

Overlay Crown

Design crowns on complex preparation margins in combination with a concave preparation shape

ChairsideCAD integrates with leading intraoral scanner manufacturers:

iTero DEXIS MEDIT SHINING 3D DENTAL

3DISC LAUNCA Runyes FOCUS ON DENTAL FREQTY

exocad.com/integration/scanner-integration

Extensive, versatile, integrated

Enhanced options and services with numerous **add-on modules**

Adapt to market and patient needs and expand your service offerings with one or more of exocad's add-on modules. Get better results with fewer visits and increase patient satisfaction.

All modules are fully integrated into *ChairsideCAD*—providing you with one smooth, stable, and seamless workflow. Choose from a variety of add-on modules, enabling you to include articulation or jaw movements in your restorative designs. You can also benefit from enhanced visualizations such as CT-data views, realistic restoration renderings or previews during your design process.

Implant Module
Design abutments and screw-retained crowns and bridges.

Model Creator
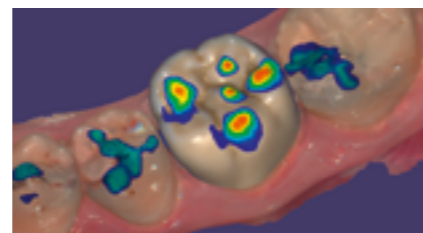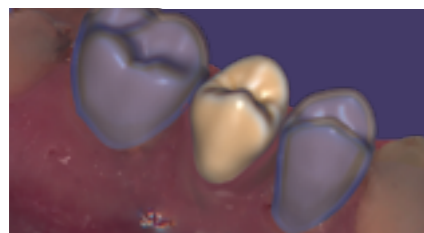Create physical models from intraoral scans.

xSnap Module
Create models with a printable articulator.
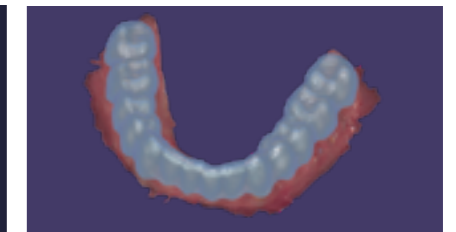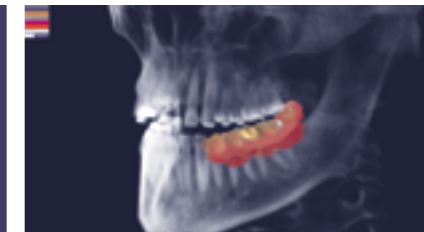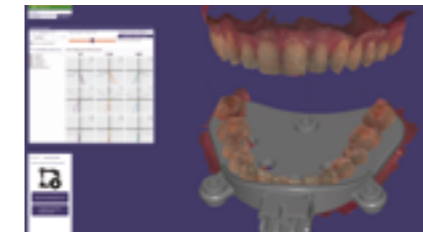
Jaw Motion Import
Import jaw motion measurements from various devices.

DICOM Viewer
Visualize voxel CT data during the design process.

Bite Splint Module
Design high-quality night guards in a few steps.

Provisional Module
Create eggshell temporaries from pre-op scans.

Smile Creator
Engage patients with virtual smile design.

Auto Articulator Module
Automatically simulate jaw movements for accurate dynamic occlusion.

TruSmile Module
Create a realistic visualization of dental restorations.

InCAD Nesting Module
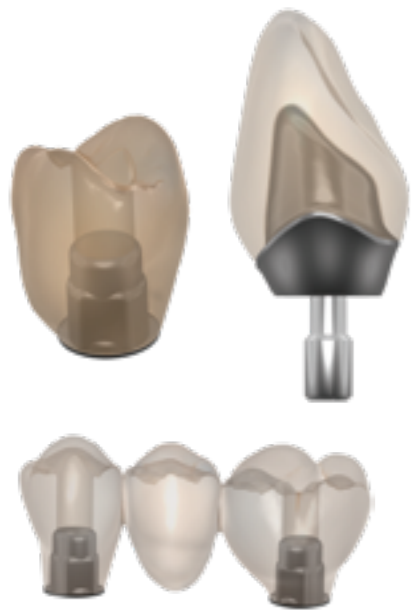Position restorations in milling blanks.

Implant Module

Design **implant-based** restorations

With the *Implant Module* for *ChairsideCAD*, you can directly design screw-retained crowns and bridges as well as custom abutments.

Even designing abutments and suprastructures in a single CAD session is possible. Angulated screw channels are supported as well. With *Implant Module*, the choice is yours! Either mill in-house or send out your files for production. The add-on module supports a wide range of in-house milling systems and leading production centers will accept files generated by exocad software.

## Immediate Load workflow and surgical guides with *exoplan**

When used in conjunction with our guided surgery software *exoplan* and its drill guide design, *ChairsideCAD* enables "Immediate Load" workflows where an implant-based restoration can be designed and produced before the surgery.

*exoplan is a standalone product, not included in ChairsideCAD

Flexible design options for various types of implant-based restorations

Quick and easy to use

The exocad wizard guides you through the different steps of the design process.
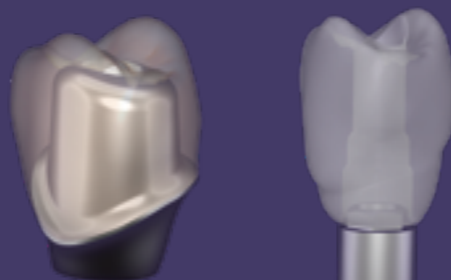
A huge selection of implant libraries

exocad's *Implant Module* is delivered with an extensive set of implant libraries and supports a huge selection of implant systems—from top-tier implant manufacturers to smaller local players. Choose from an even wider range of titanium bases from third-party manufacturers. Many milling centers also provide dedicated libraries for exocad's *Implant Module*.

exocad.com/library-integration

Model Creator

Create **physical models**
from intraoral scans

exocad's *Model Creator* module helps you create physical models from intraoral scan data or impression scans.

Both the design of models with detachable segments (using premanufactured bases) and the design of monolithic models (where the prepared die is either removable or a separate check die) are supported.

Combined with our *Implant Module, Model Creator* enables you to create models with lab analogs and removable gingiva masks.
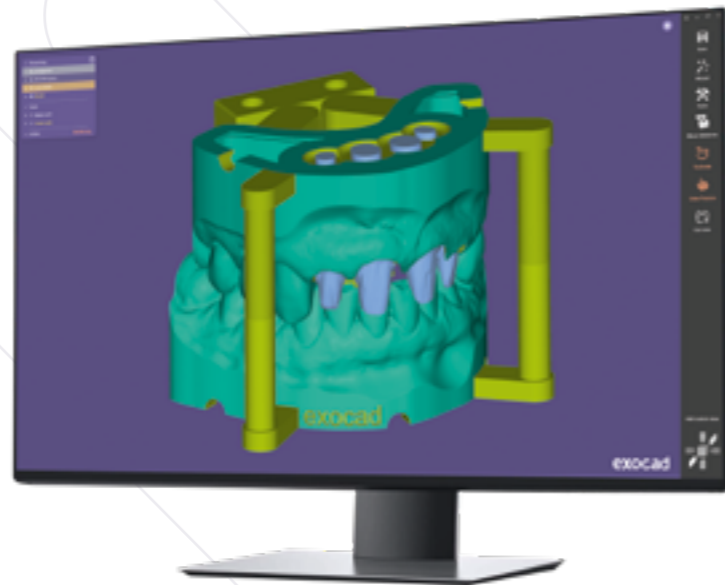
xSnap Module

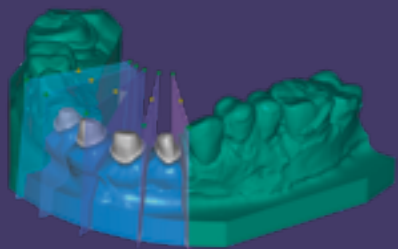# Create models with a
printable articulator

exocad's *xSnap Module* lets you print models and articulators in one piece to save time and increase accuracy.

Until now, 3D-printed jaw models were only available with a clip-fold articulator that allowed users to check the static occlusion. *xSNAP* is a 3D articulated system featuring a spherical head that allows not only a simple opening and closing movement but also precisely executed protrusion, mediotrusion and laterotrusion.
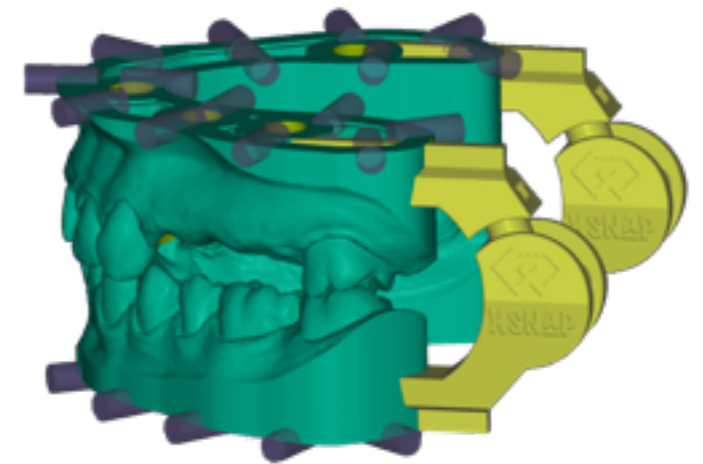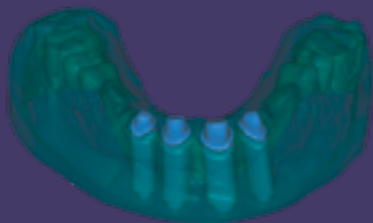
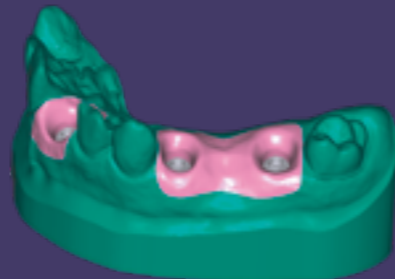**Available as an add-on module for our Model Creator.*

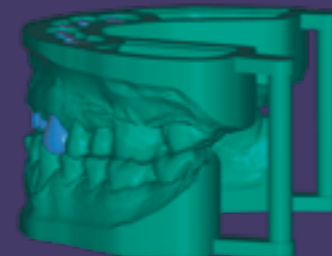## One add-on module—many possibilities
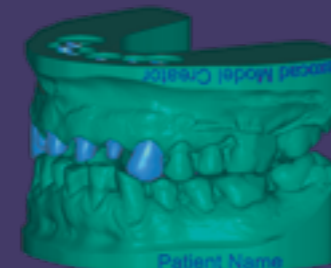
Model with detachable segments
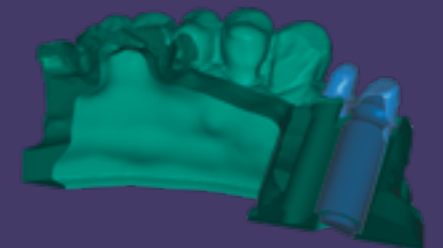
Different model/die styles available

Create models with implant analogs

Full arch, upper and lower models

Labeling your models

Hollow models allow extremely cost-efficient printing

Bite Splint Module

Design high-quality **night guards** in a few steps

With exocad's *Bite Splint Module*, you can design high-quality therapeutic night guards quickly.

Produce night guards chairside with easy-to-use customization tools and an intuitive, wizard-guided workflow. Provide your patients with fast relief and single-visit solutions for their joint pain by creating your own night guards.

The add-on-module's extensive functionalities allow you to virtually adjust the occlusion and remove interferences. You can also smooth and morph the surface of your night guards individually or select the option for automatic flattening of the posterior occlusal surface. You can customize your night guard designs with your brand or the patient's name.
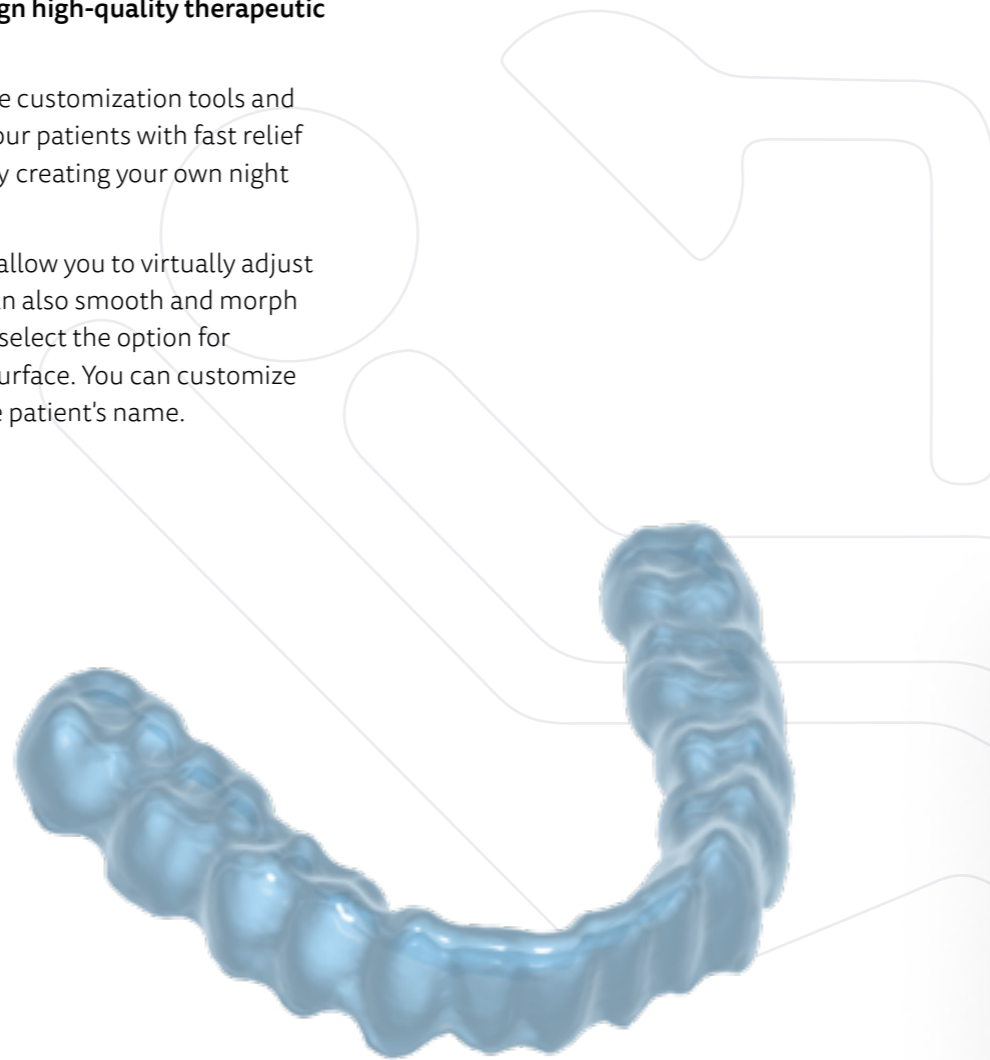
Provisional Module

Create **eggshell temporaries** from pre-op scans

Produce temporary crowns and bridges using the eggshell technique prior to your patient's visit.

exocad's *Provisional Module* enables you to create temporaries based on your patient's preoperative anatomy. You can also create the provisional crown or bridge by using the tooth library. Then make fine adjustments using an extensive suite of free-forming tools. New tooth morphologies can be clinically evaluated within the module, helping you reduce chair time.
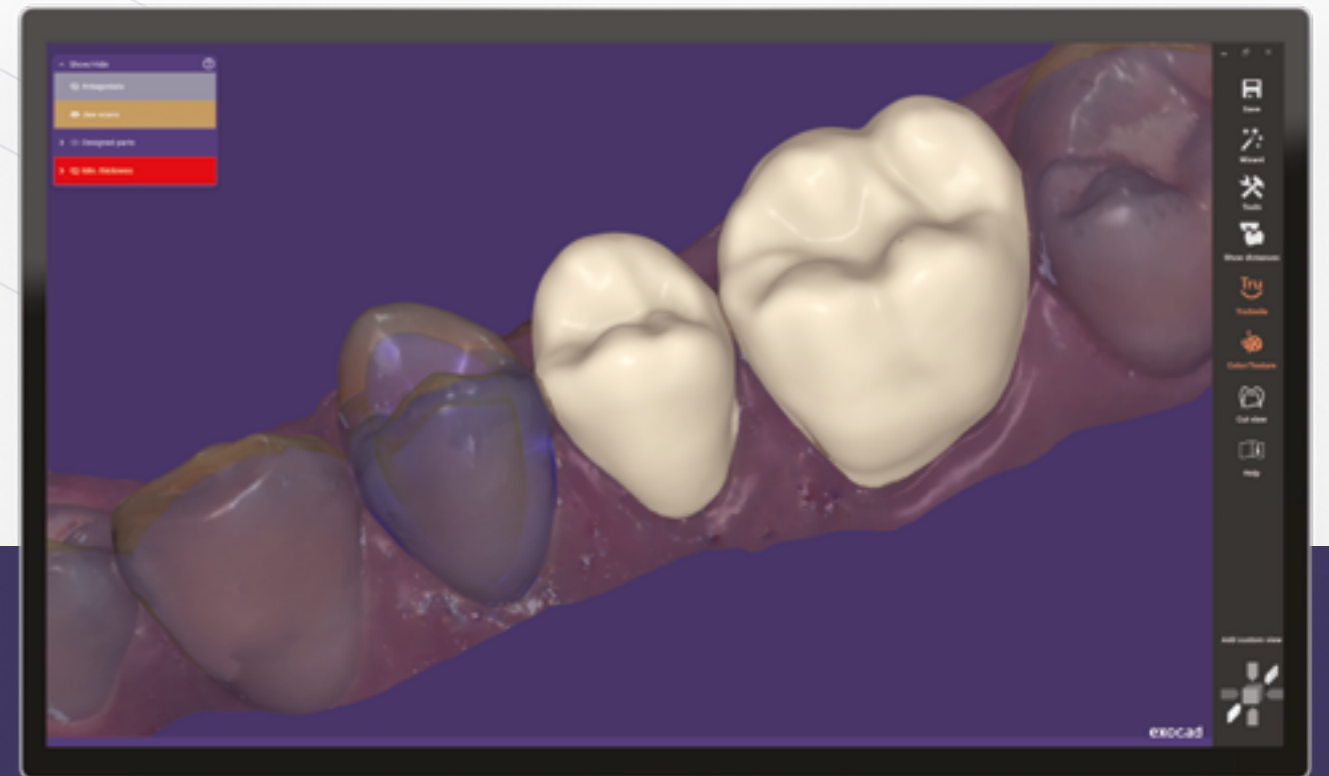
Produce directly

Provide single-visit dental solutions for your patients by using exocad's open architecture—fabricate custom-designed therapeutic night guards directly on any compatible, open milling machine or 3D printer.
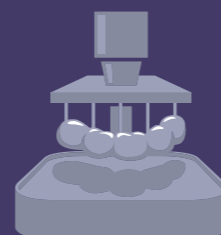
Smile Creator

Design smiles
your patients will love

Create added value with *Smile Creator*—exocad's innovative inCAD smile design solution for instant in-face visualization of designs. *Smile Creator* empowers you to create prosthetically feasible esthetic designs with our innovative 2D/3D technology.

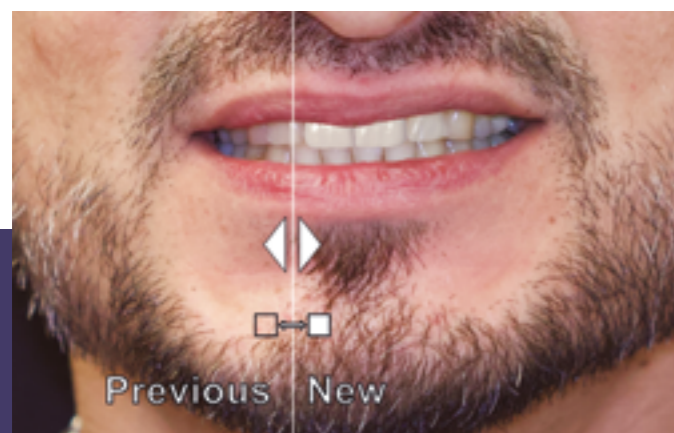Evaluate esthetic relationships between the teeth, smile, and face by combining patient photos, outlines, and 3D situations. Patient photos are automatically automatically aligned to the 3D scans of the teeth. This offers dentists and dental technicians a realistic perspective for a restorative treatment plan. This visualization easily improves communication between dental labs, dentists and patients.

Step-by-step guided workflow

Align 3D scan data with 2D facial images
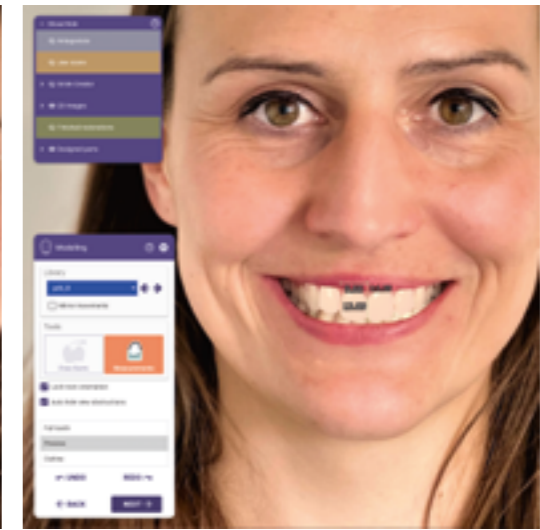
Utilize templates to create a smile design

Before and after visualization

Perfect start for a successful treatment

With *Smile Creator,* you will obtain a real, 3D tooth setup as the perfect base for later restorations with *ChairsideCAD,* as well as implant planning with *exoplan.* Digital waxup models can be created with exocad's *Model Creator.*
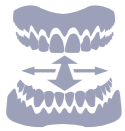
Auto Articulator Module

Simulate articulation
in restorative designs

The *Auto Articulator Module* enables you to simulate the movements of a real articulator and derive patient-specific dynamic occlusion.

In *ChairsideCAD*, the articulator movements are performed automatically through the wizard-guided workflow. Utilizing anatomical averages, our software uses heuristics to position the scan data and automatically simulate jaw motions. You also have access to a virtual articulator with full functionality, as well as an "in-skull" articulator. This enables designs in dynamic occlusion, like for bite splints. The results are used to digitally adjust occlusion, thereby reducing chair time.

Jaw Motion Import

Import jaw measurements from devices

The *Jaw Motion Import* module allows you to import jaw movement registration data from external devices such as the JMA system from Zebris.

The add-on module works in combination with the *Auto Articulator Module*.

For experts: combine with *Model Creator* to create innovative, semidynamic physical models.
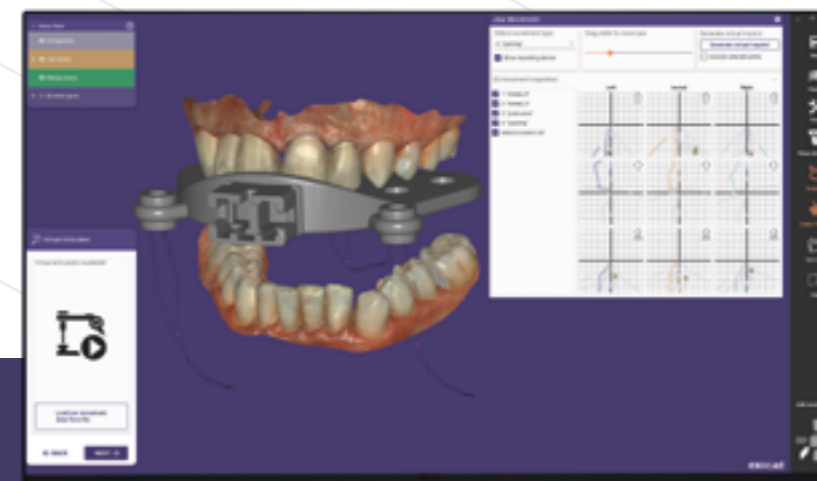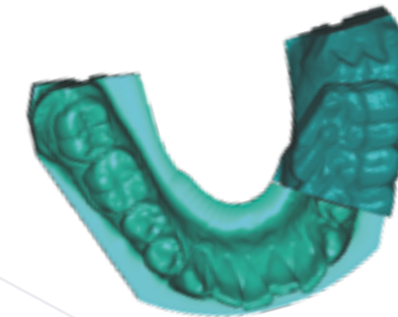
Realistic representation

Transfer your patient's actual, dynamic jaw movements into the software. Simulate them during the design process and create custom-fit restorations.

DICOM Viewer
Visualize CBCT data
during the design process

ChairsideCAD includes an optional *DICOM Viewer*
that allows you to visualize voxel data from CT
machines during the design of dental restorations.

Benefit from high-speed processing of large CBCT files.
The *DICOM Viewer* provides market-leading DICOM
loading and visualization speeds.

*DICOM Viewer is not for diagnostic/medical purposes.
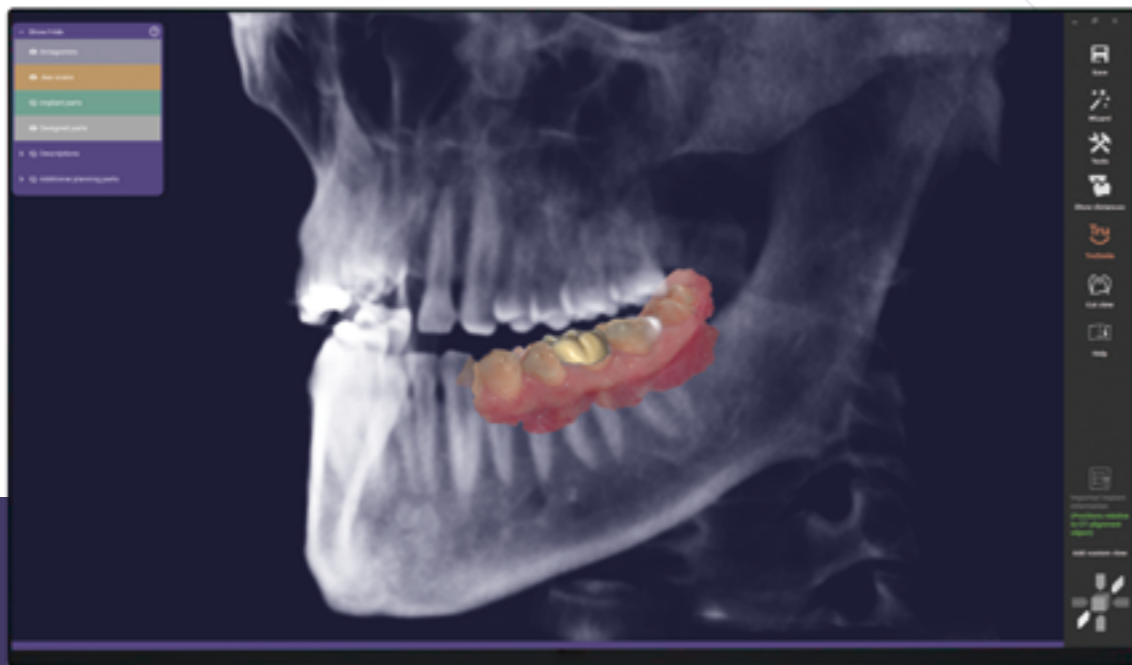
TruSmile Module
Realistic rendering of dental restorations

TruSmile Module provides a near
photorealistic rendering of dental
restorations—in real time during
the design process.

TruSmile Module is a powerful
communication tool for dentists
to encourage patients to opt for
a ceramic restoration instead of
a metal crown.

A1	A2	A3	A35	A4	B1	B2	B3
B4	C1	C2	C3	C4	D2	D3	D4
Gold	NP	OM1	OM2	OM3			
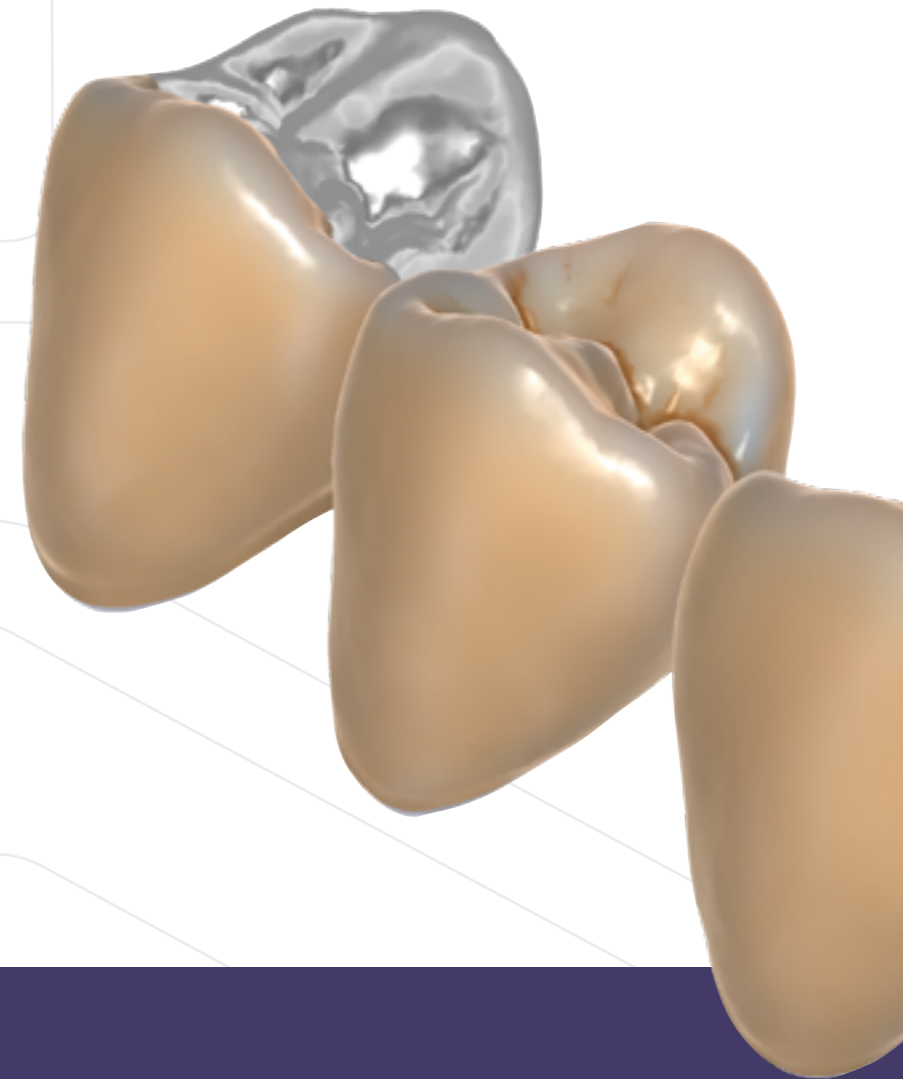
Natural coloring

Choose from single-tooth standard
color presets and adjust them for a
realistic result preview.

InCAD Nesting Module

Start milling **directly from within CAD**

This module enables seamless integration with both your milling machine and the materials of your choice.

Interactively place single- or multi-unit restorations in your block. In combination with the add-on *TruSmile Module*, you can easily adjust the position and shading of your design in a multilayered block. The realistic rendering of the restoration in the context of colored visualization of adjacent teeth leads to more predictable outcomes.
Milling or grinding can be started directly from within the CAD, with a number of popular milling machines from leading manufacturers.

Integrated milling systems*

AMANNGIRRBACH

DGSHAPE
A Roland Company

imes-icore®
Competence in CNC & DENTAL Solutions

vhf
CREATING PERFECTION

**ChairsideCAD* enables you to mill restorations with all open milling machines.

exocad.com/integration/material-integration

Mill Manager tool

Combining the *InCAD Nesting Module* with our Mill Manager is the key to seamless integration with a chairside mill of your choice. With the Mill Manager, you can easily access your machine controls and manage your production queues. For more information, visit **exocad.com/integration/chairside**
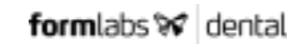
Add **3D printing** to your office

Create models, mock-ups, temporaries, night guards or even final restorations

exocad partners with leading manufacturers of 3D printers for dental applications. Their printer software integrates smoothly with *ChairsideCAD*, enabling a seamless workflow with the printer of your choice.

Easy integration with a broad range of 3D printers*

3D SYSTEMS   ACKURETTA   **ASIGA**   DEKEMA
                                                          trix™

DWS   formlabs | dental   KULZER   nexa3D
                                         MITSUI CHEMICALS GROUP

phrozen   PRUSA RESEARCH   rapidshape   SHINING 3D
                 by JOSEF PRUSA   DENTAL

SprintRay   stratasys   VOCO
                                      THE DENTALISTS

*All open STL 3D printers supported   **exocad.com/integration/3d-printer-integration**

exoprint eliminates the need for manually importing design files for printing. Instead, print your case by clicking the printer button in our software.

The choice of **workflow** is yours

Design smiles and restorations in-house, or send scans to your preferred lab for design. Grow your capabilities and increase productivity for both you and your lab. Collaboration is possible anywhere along the workflow, enabling multiple options for your single-visit workflow.

Preparation and scan	CAD design	Milling/printing	Inserting

Dentist

Dental lab
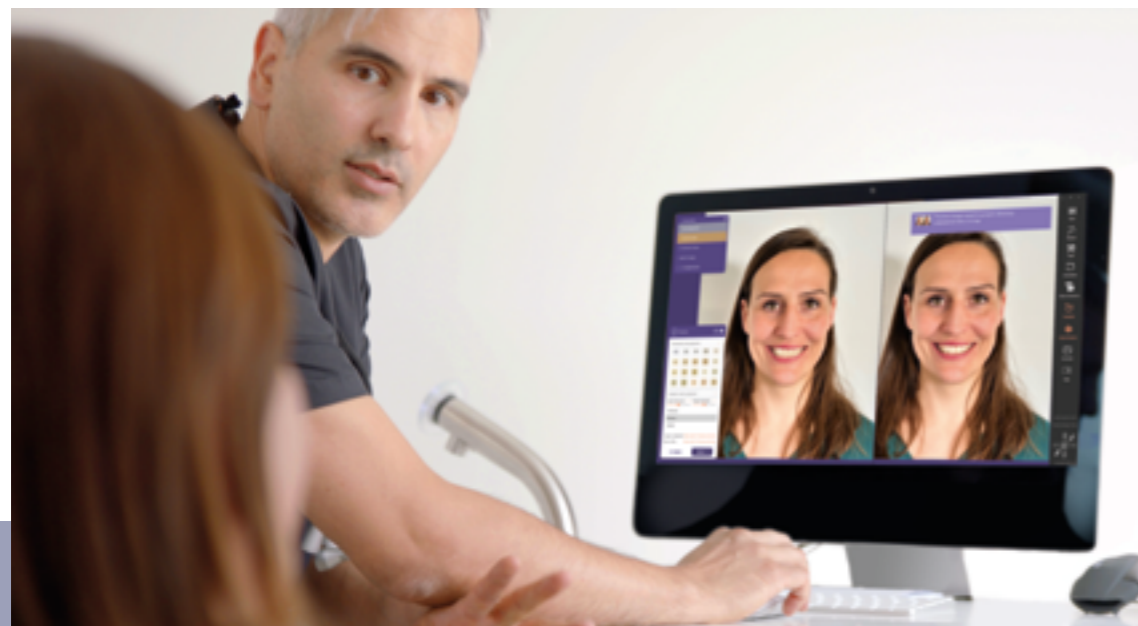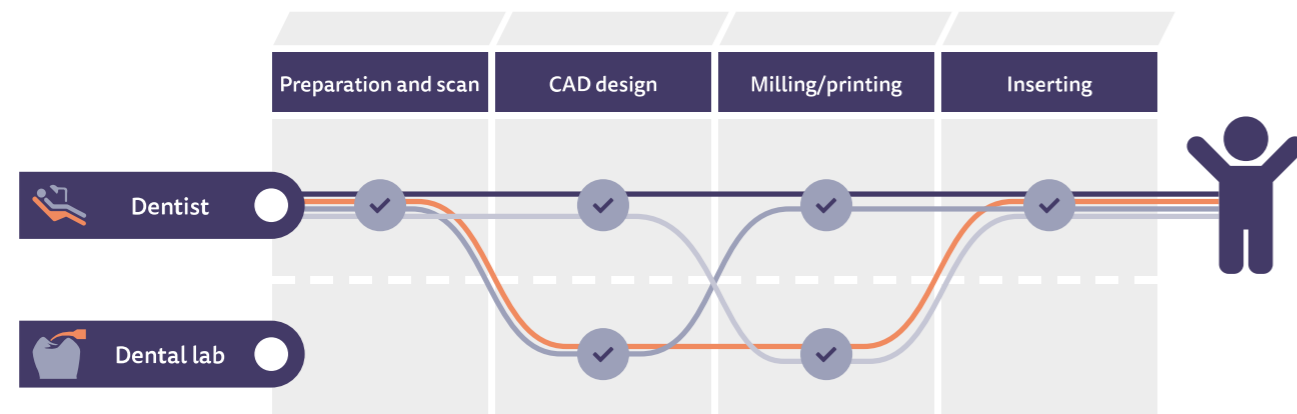
Dr. Batyr Kuliev, Germany

Why **dental experts trust** our software solutions

1 **Faster and more efficient**
Our users save time with our robust, high-performance software that runs quickly, even when processing large and complex cases.

2 **Complex cases simplified**
The cases may be complex, but using our software is easy.

3 **Flexible software, flexible business model**
We offer maximum flexibility and freedom through our modular and open approach. Customers can mix and match modules at attractive rates.

4 **Reliable**
We focus on the details when developing our software. That's why exocad products are known for their reliability.

5 **Independent and innovative**
Our open-platform software puts our customers at the forefront of digital dentistry. Our engineers and researchers continuously push the boundaries of dentistry.

6 **Truly future proof**
We're the dental CAD/CAM software provider with a wide choice of integrated solutions using third-party scanners, mills, printers and materials. We are always open to new ideas, ready to support today's and tomorrow's best innovations.

Our solid foundation

exocad was founded under the principle of being truly open and connected. As the worldwide leading OEM manufacturer for dental CAD software, our core competence is to establish interoperability standards. Manufacturers can easily integrate their databases, products, libraries and services.

exocad and *ChairsideCAD*

Your benefits at a glance

Improve patient satisfaction
ChairsideCAD helps you complete dental restorations for patients in a single visit.

Easily create esthetic and functional restorations
ChairsideCAD is easy to learn and guides you step-by-step through the process.

Opt for in-house or outsourced production
ChairsideCAD offers flexible workflows.

Keep your flexibility
ChairsideCAD supports changes you make to the workflow, equipment or services in your practice.

Collaborate effortlessly with partners
ChairsideCAD facilitates your communication with dental labs and production centers for improved and predictable outcomes.

Maximize your return on investments
ChairsideCAD enables you to integrate open hardware and materials of your choice. *ChairsideCAD* supports file formats for open scanners, CT machines, 3D printers and milling machines.

Expand your service offerings
ChairsideCAD can be upgraded with various add-on modules according to your needs.

Profit from an unlimited number of cases
ChairsideCAD has no hidden costs or click fees.

SUCCESSFUL FOR
13
YEARS

USERS IN OVER
150
COUNTRIES

MORE THAN
55,000
LICENSES SOLD

Imagine the CADabilities

Single-visit restorations simplified

Dr. Elaine Halley, Dentist

Find your reseller, today:
exocad.com/reseller

exocad.com

Your exocad dealer

No dealer stamp here? Please visit **exocad.com/partners**

CE 2797