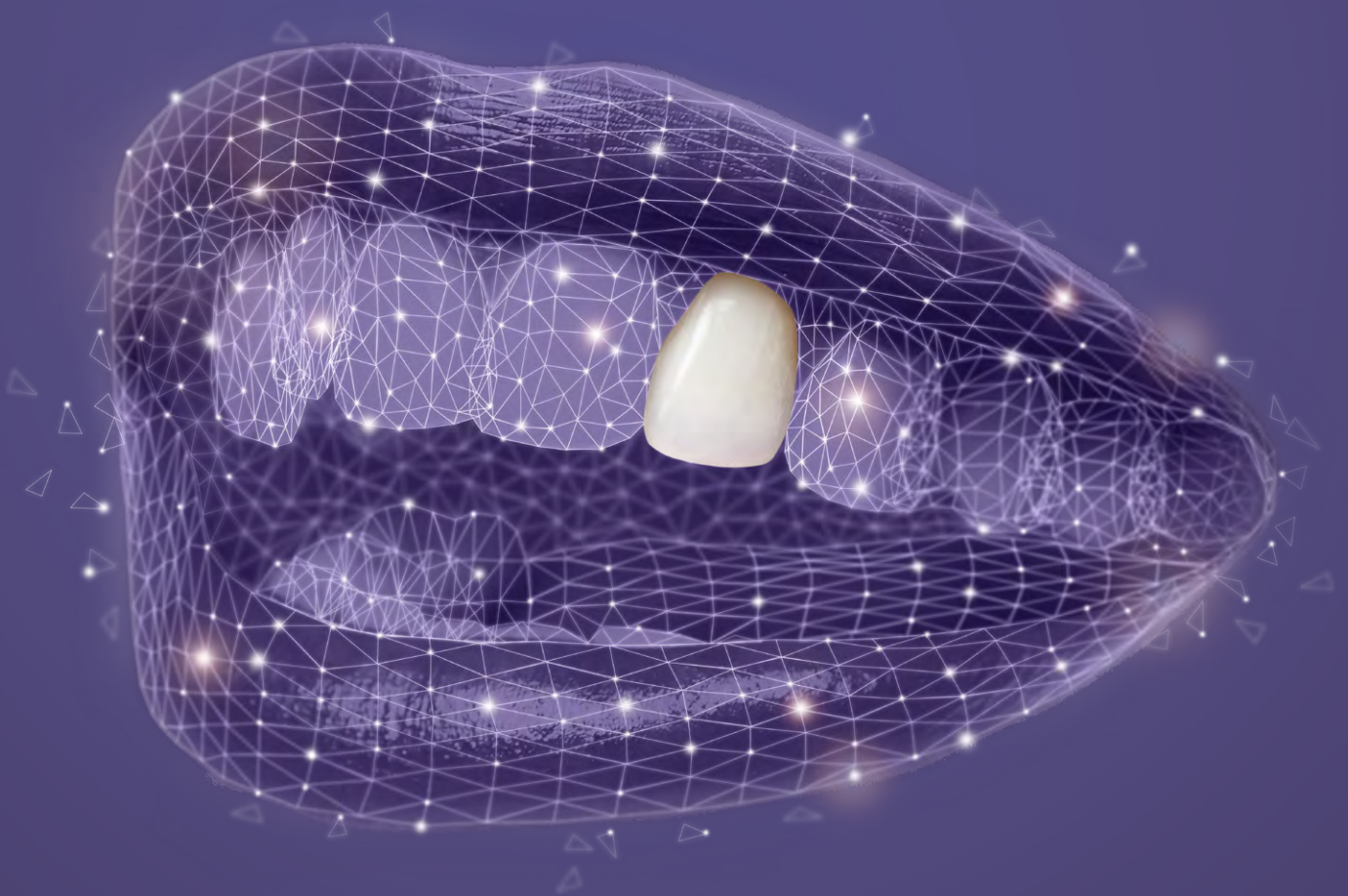


ENGLISH



ChairsideCAD

SINGLE-VISIT  
**RESTORATIONS**  
MADE EASY



**exocad**

# ChairsideCAD – innovative, intuitive, integrated



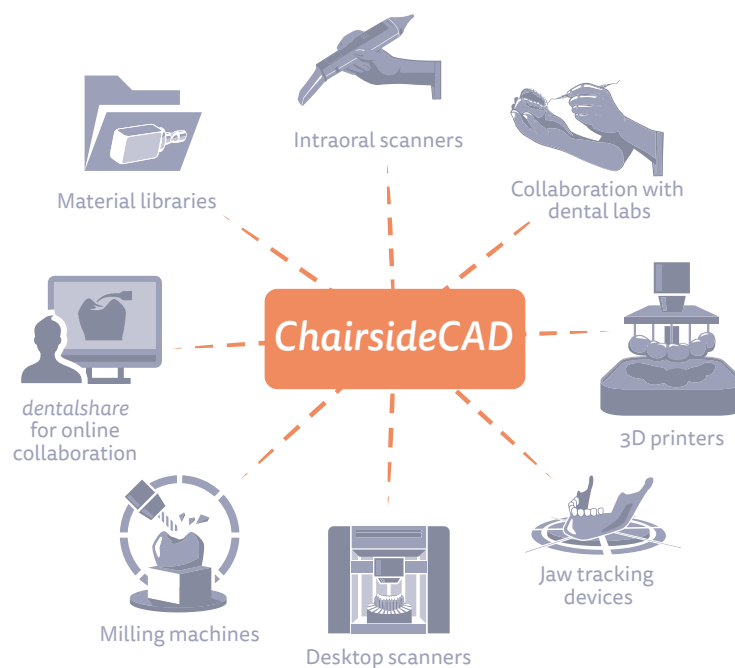


## Take your practice to the next level

*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. exocad software serves as the centerpiece of your digital workflows.

*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 "best-of-breed" lab software, renowned for its reliability and robust features. In just a few steps, exocad's *ChairsideCAD* creates highly esthetic proposals with minimal post-processing.

Make the most of your intraoral scanner with *ChairsideCAD*. Thanks to our open platform, a wide range of scanners, production systems and materials are supported. For cases not produced in your practice, you can take advantage of the integrated communication platform *dentalshare* to easily collaborate with the lab of your choice.

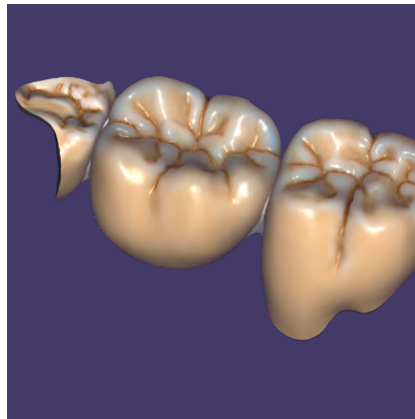


## ChairsideCAD **benefits** at a glance



### **Compatible – supports a large number of intraoral scanners**

Load your patient's 3D scans easily into *ChairsideCAD* from many open intraoral scanners. Thanks to standard data formats, you have the freedom to choose and change your hardware based on your specific needs.



### **Versatile – wide range of indications for single-visit treatments**

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

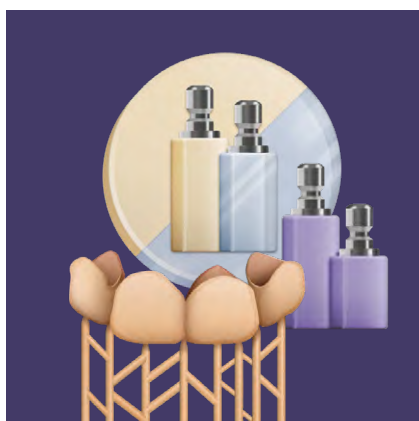


### **User-friendly – guided workflows in wizard mode**

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.

## ONE PLATFORM

all digital dentistry  
solutions



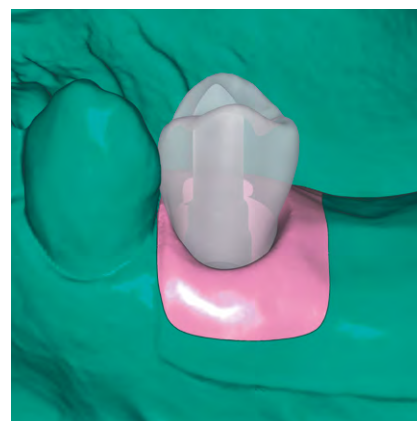
### Comprehensive – open library of production materials

Produce your dental restorations by accessing *ChairsideCAD's* comprehensive, open library of materials from leading manufacturers such as 3M, GC, Shofu, Vita and many more. In addition, various generic blanks for hybrid ceramics, lithium silicates, lithium disilicates and glass ceramics are available.



### Free choice – seamless integration with third-party production equipment

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 for supplementary features and 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**

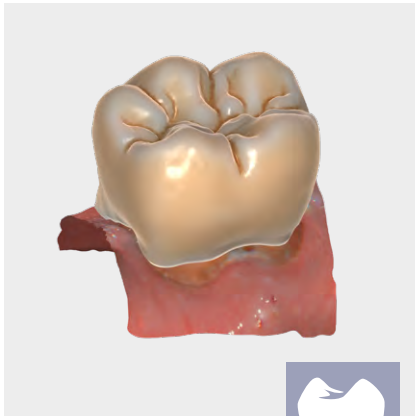






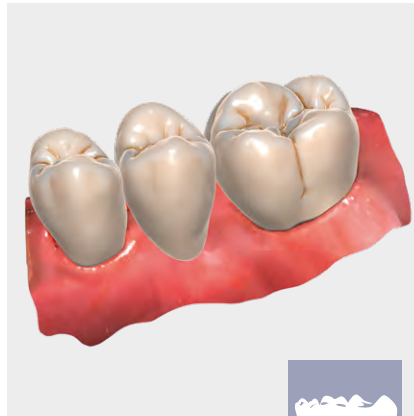
# Introduce **single-visit dentistry** to your office

## exocad *ChairsideCAD* indications and functionalities



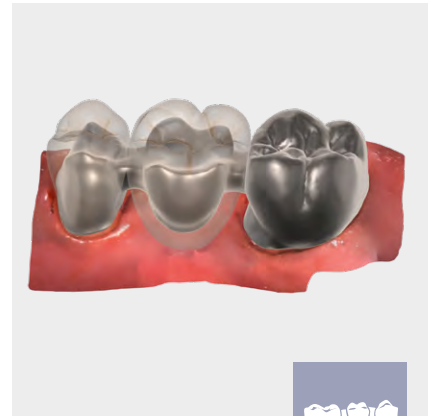
### Anatomic crowns

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.

*ChairsideCAD* integrates with leading intraoral scanner manufacturers:





ChairsideCAD supports you in designing various esthetic and functional dental restorations and appliances while the patient is still in the chair. Thanks to its simplified, intuitive user interface and open tooth and material libraries, a high level of automation and consistent results are ensured.



### Inlays/onlays

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



### Veneers

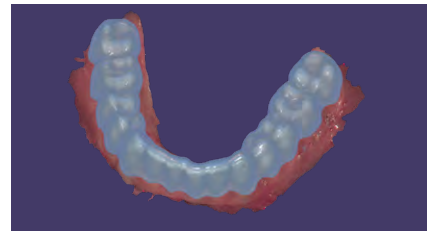
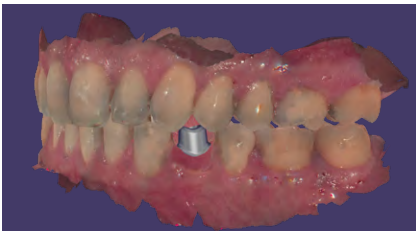
Achieve highly esthetic results with just a few mouse clicks. Several beautiful, natural tooth libraries are included.



Extensive, versatile, integrated

# Enhanced options and services thanks to numerous **add-on modules**

React to changing market and patient demands by easily expanding your service offerings with one or more of exocad's add-on modules. Significantly reduce treatment times and frequency while increasing patient satisfaction.



### **Implant Module**

Design abutments and screw-retained crowns and bridges.



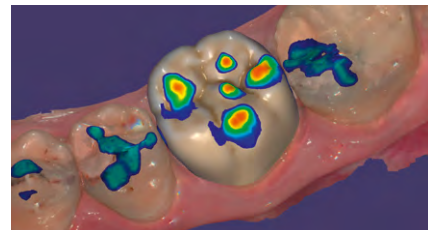
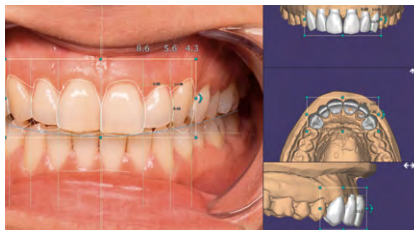
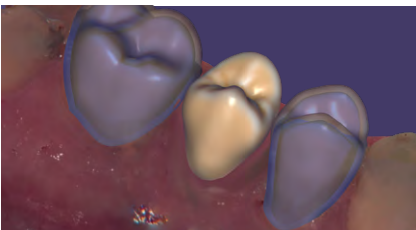
### **Model Creator**

Create physical models from digital impression scans.



### **Bite Splint Module**

Design night guards.



### **Provisional Module**

Create eggshell temporaries from pre-op scans.



### **Smile Creator**

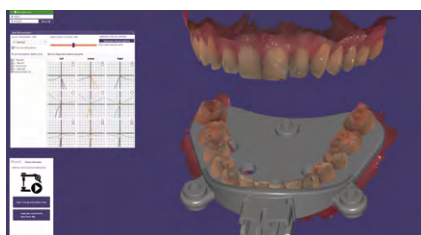
Predictably plan and preview esthetic restorations.



### **Auto Articulator Module**

Automatically simulate jaw movements for accurate dynamic occlusion.

All modules are fully integrated into *ChairsideCAD* – providing you with one smooth, stable, and seamless workflow. As per your requirements, you can choose from a variety of functional modules, enabling you to include articulation or jaw movements in your restorative designs. Or you can benefit from enhanced visualizations such as CT-data views, realistic restoration renderings or previews during your design process.



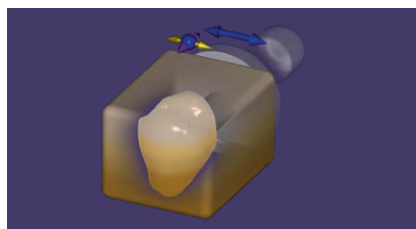
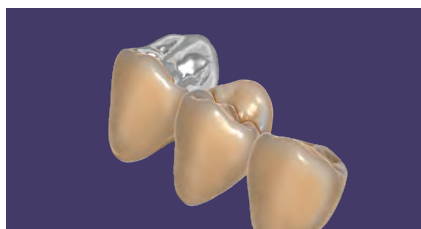
**Jaw Motion Import**

Import jaw motion measurements from various devices.



**DICOM Viewer**

Visualize voxel CT data during the design process.



**TruSmile Module**

Create a realistic visualization of dental restorations.



**In-CAD Nesting Module**

Position restorations in milling blanks.



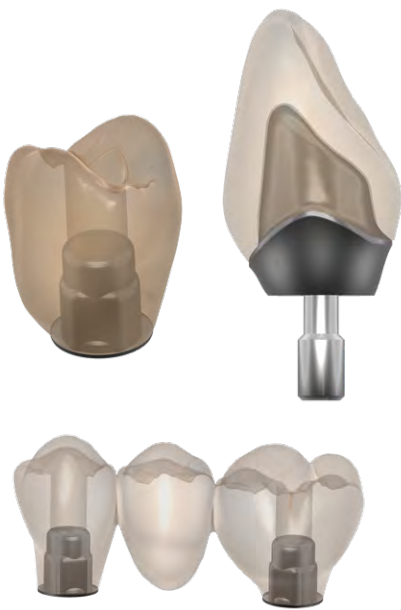


### Implant Module

# 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 one 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. In addition, leading production centers will accept files generated by exocad software.

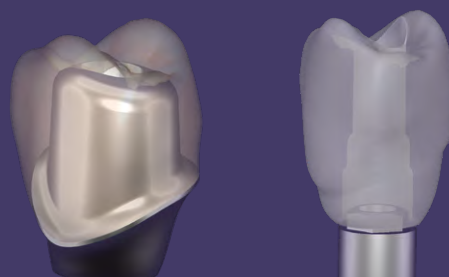


Flexible design options for various types of implant-based restorations



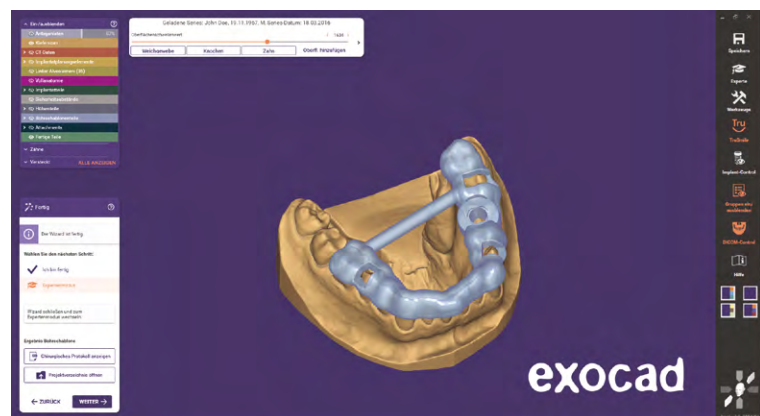
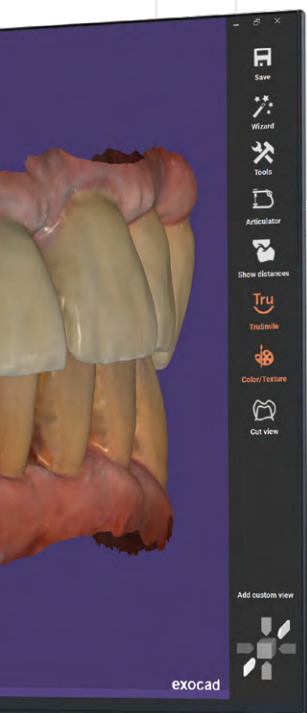
## Quick and easy to use

The proven exocad wizard guides you through the different steps of the design process.



## 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*

## 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. There is an even wider range of titanium bases from third-party manufacturers to choose from. In addition, many milling centers provide dedicated libraries for exocad's *Implant Module*.

[exocad.com/library-integration](https://www.exocad.com/library-integration)



### Model Creator

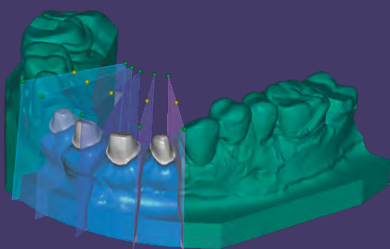
# Create **physical models** from digital impression scans

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

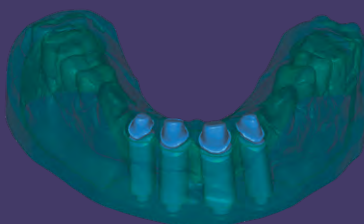
Both the design of models with detachable segments (using premanufactured bases) and the design of monolithic models (where the prepared die is either removable or a separate check die) are supported.

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

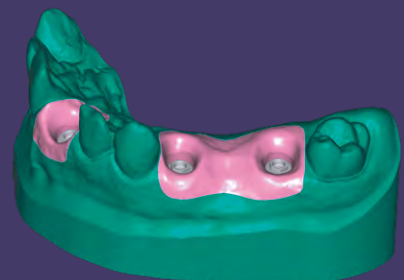
## One add-on module – many possibilities



Model with detachable segments

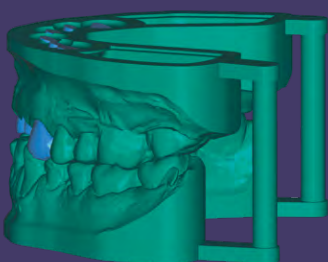


Different model/die styles available

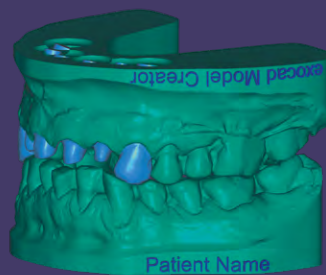


Create models with implant analogues

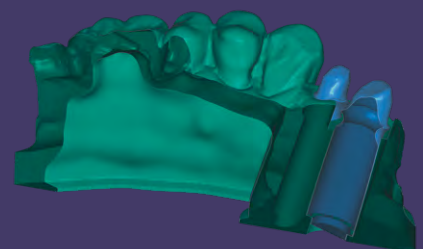




Full arch, upper and lower models



Labeling your models



Hollow models allow extremely cost-efficient printing



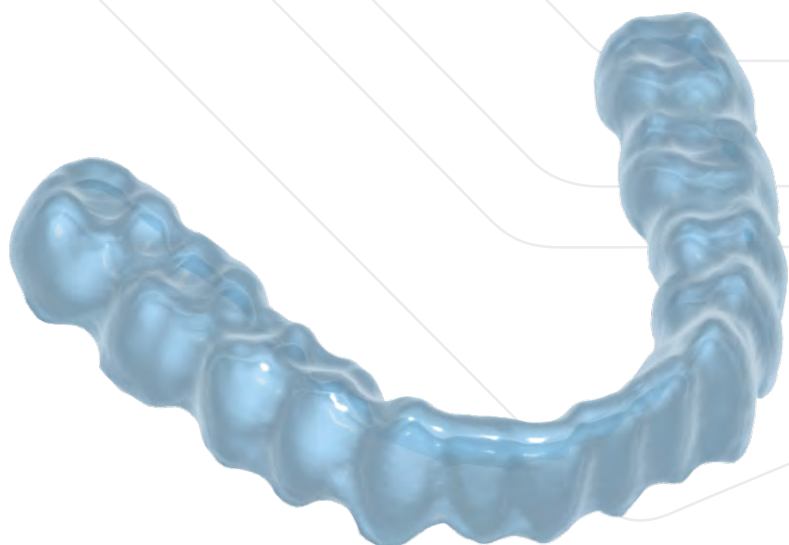
## Bite Splint Module

# Design night guards

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

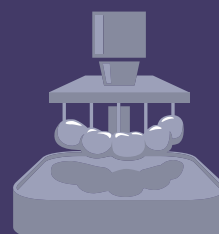
Thanks to its easy-to-use customization tools and intuitive workflow that guides you through the design process, producing chairside bite splints in your practice is simple and profitable. Provide your patients with fast relief and single-visit solutions for their temporomandibular joint pain by creating your own bite splints.

The add-on-module's extensive functionalities allow you to virtually adjust the occlusion and remove undesirable 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. Heighten patient satisfaction and brand identification by branding your night guard designs.



## 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.



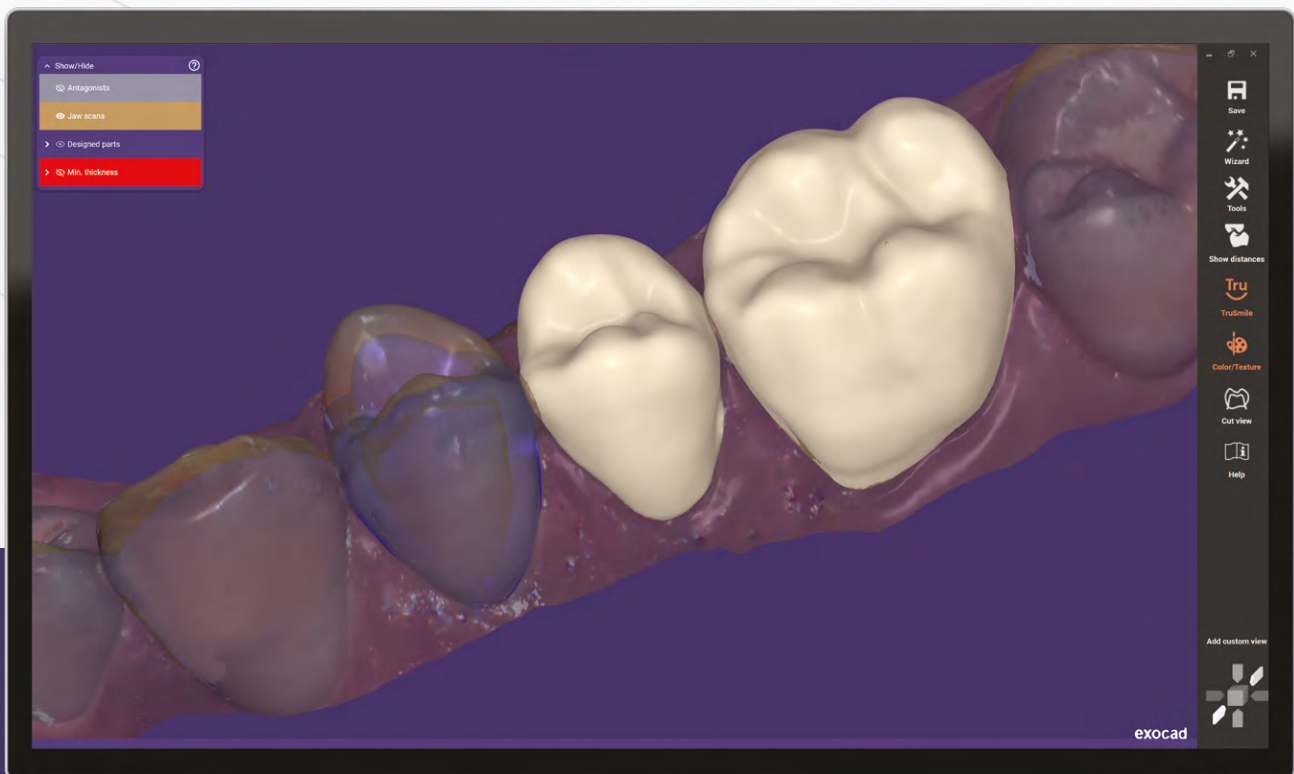


*Provisional Module*

## 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.







Smile Creator

## In-CAD smile design

**Create added value with *Smile Creator* – exocad's innovative in-CAD smile design solution for predictable, esthetic smile makeovers. Integrated into the *ChairsideCAD* platform, *Smile Creator* empowers you to reliably create prosthetically feasible esthetic designs thanks to our innovative 2D/3D technology.**

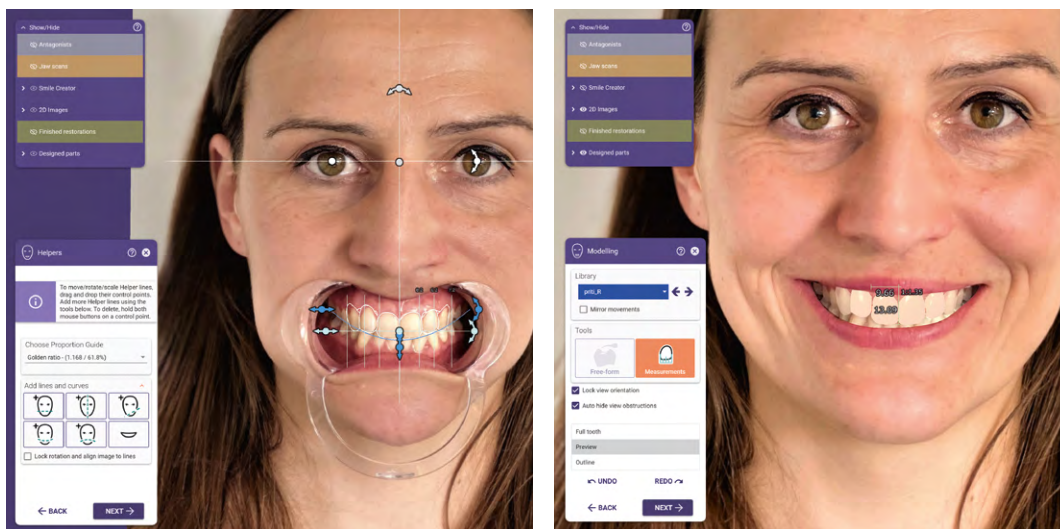
By combining patient photos, outlines, and 3D situations, esthetic relationships between the teeth, smile, and face can be evaluated. Patient photos are automatically converted to 3D objects, which are then matched to the 3D scans of the teeth. This offers dentists and dental technicians a realistic perspective for a restorative treatment plan. In addition to greater control over the outcome, this improves communication between dental labs, dentists, and patients.

Thanks to its guided workflows and extensive features, *Smile Creator* is an intuitive yet powerful digital planning solution for cosmetic dentistry.



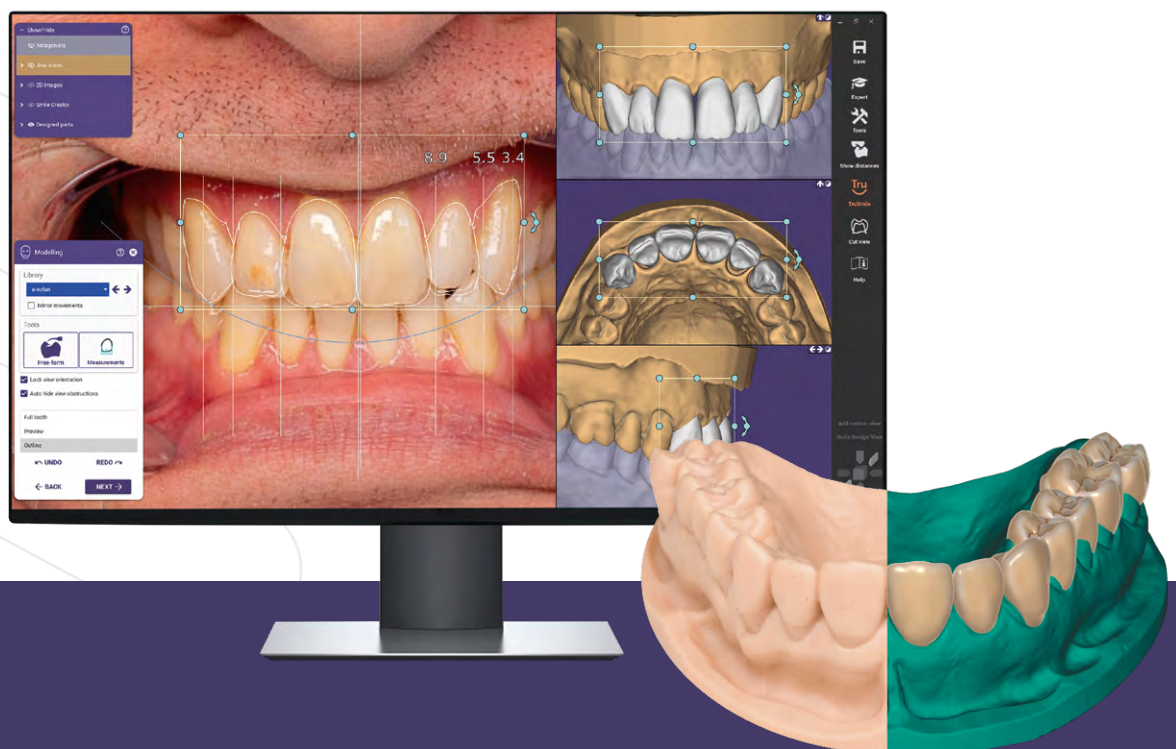
Before and after visualization

## Step-by-step guided workflow



Align 3D scan data with 2D facial images

Utilize templates to create a smile design



## Perfect foundation for prosthetic execution

With *Smile Creator*, you will obtain a real, 3D tooth setup as the perfect foundation for later prosthetic implementation with *ChairsideCAD* as well as implant planning with *exoplan*. Digital waxup models can be realized 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 workflow. Utilizing anatomical averages, our software uses heuristics to position the scan data and automatically simulate jaw motions. The results are used to digitally adjust occlusion and thereby reduce chair time.



## Extensive functionalities for optimized workflows

With the add-on *Auto Articulator Module*, you can easily calculate excursive motions – taking into account your patient's digital impressions and predefined parameters. Simple user controls help you visualize the calculated movements in four standard directions: protrusion, retrusion, left laterotrusion and right laterotrusion. Identify the contact strength of your restoration design against opposing dentition.





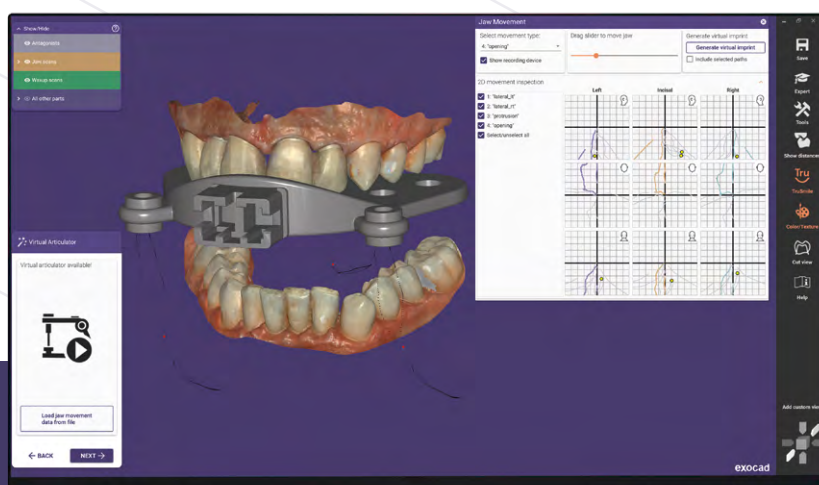
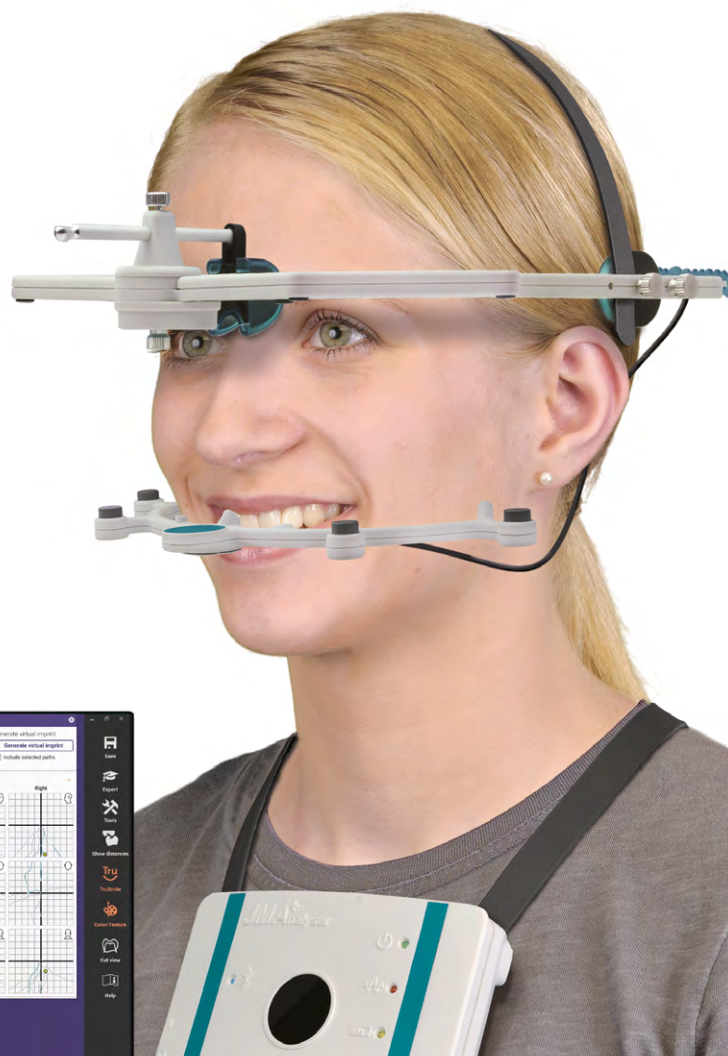
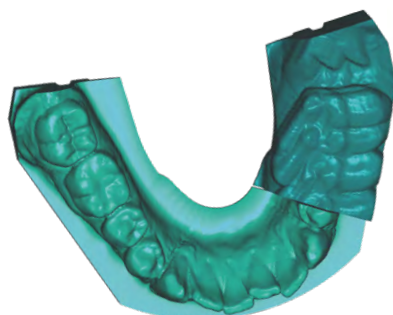
## Jaw Motion Import

# 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

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

Get enthused about the high-speed processing of large CBCT files. Driven by optimized data-handling algorithms and snappy graphics rendering, exocad's *DICOM Viewer* provides market-leading DICOM loading and visualization speeds.



\*Note: *DICOM Viewer* is not for diagnostic/medical purposes.



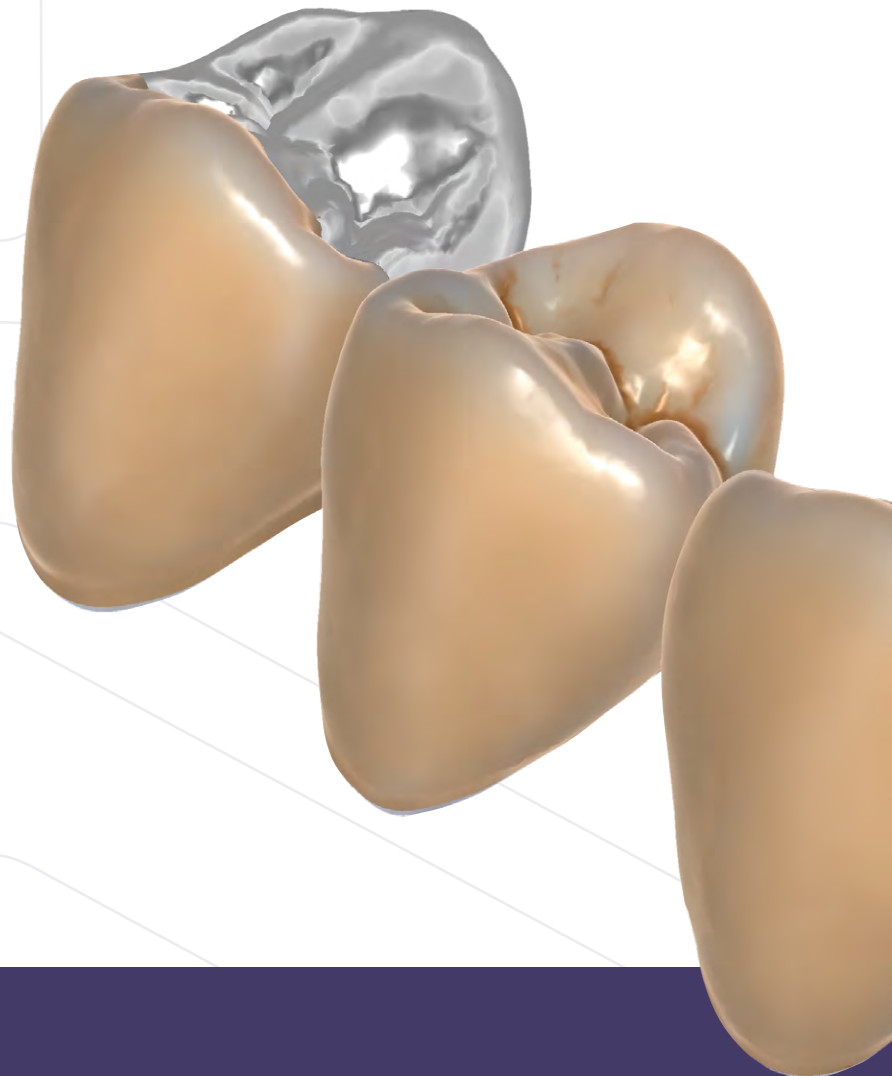


TruSmile Module

# Realistic rendering of dental restorations

**exocad's TruSmile Module provides a near photorealistic renderings of dental restorations – in real time during the design process.**

In addition to providing a 'what you see is what you get' user experience, *TruSmile Module* is also a powerful marketing tool for dentists using chairside CAD/CAM systems, for example to help convince a patient 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.



## Mill Manager tool

Thanks to close cooperation with leading machine manufacturers, exocad's *ChairsideCAD* interacts smoothly with a variety of milling machines for single-visit dentistry production. Combining the *In-CAD 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](https://www.exocad.com/integration/chairside)





In-CAD 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 preferred material blank. In combination with the add-on *TruSmile Module*, you can easily adjust the position and shading of your design in a multilayered blank. 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\***

**Aidite**<sup>®</sup>



**DGSHAPE**  
A Roland Company

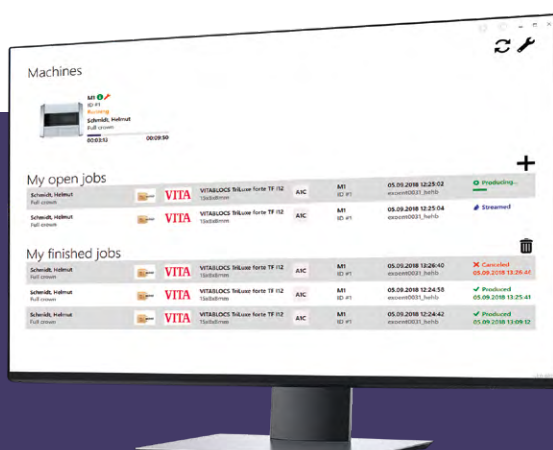
**imes-core**  
Competence in CNC & DENTAL-Solutions

**vhf**  
CREATING PERFECTION

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



[exocad.com/integration/material-integration](https://exocad.com/integration/material-integration)





Add **3D printing** to your office



## Create models, mock-ups, temporaries, bite splints 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.

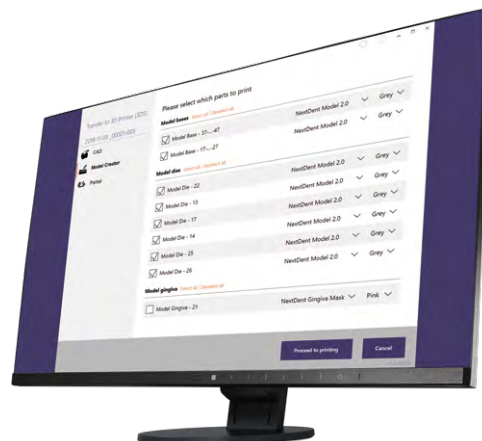
Easy integration with a broad range of 3D printers\*



\*All open STL 3D printers supported

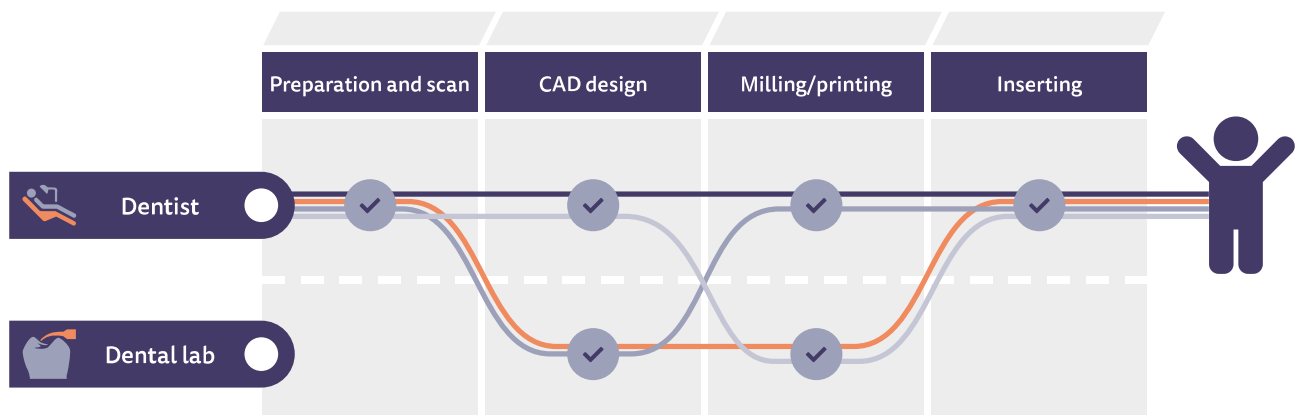
[exocad.com/integration/3d-printer-integration](https://exocad.com/integration/3d-printer-integration)

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 full 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.



Dr. Batyr Kuliev, Germany

Visualize outcomes to increase patient enthusiasm for treatments. Share design proposals with patients or view them on the go on your mobile device.

## 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, buy perpetual CAD software licenses, or rent the software 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 – dental CAD software from exocad

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. These integrations allow companies to focus on their core business while we continue to expand the depth of supported indications.



exocad and *ChairsideCAD*

## Your benefits at a glance

### **Enjoy ease of use**

*ChairsideCAD* is fast and easy to handle, no extensive training is necessary.

### **Improve patient satisfaction**

*ChairsideCAD* helps you adeptly complete dental restorations for patients in a single visit.

### **Create esthetic and functional restorations**

*ChairsideCAD* is easy to learn and guides you step-by-step through the process.

### **Increase your efficiency**

*ChairsideCAD* enables you to adeptly complete dental restorations for patients in a single visit.

### **Opt for in-house or outsourced production**

*ChairsideCAD* offers flexible workflows.

### **Keep your flexibility**

*ChairsideCAD* supports most 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.

### **Work with your existing equipment**

*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.

### **Benefit from our proven software platform**

Dental professionals have relied on exocad software for more than 13 years.

SUCCESSFUL FOR

**13**

YEARS

USERS IN OVER

**150**

COUNTRIES

MORE THAN

**50,000**

LICENSES SOLD

Imagine the CADabilities

# Single-visit restorations simplified



Dr. Elaine Halley, Dentist



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[modeimplant.com](http://modeimplant.com)

Some products may not be regulatory cleared/released for sale in all markets.  
Please contact your local exocad reseller for current product assortment and availability.