

THE DENTAL  
SOLUTIONS  
COMPANY™



# Orthodontics with CEREC Ortho Your Future Is Digital

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



# Welcome to the Digital Age of Orthodontics

Digital technology continues to grow as part of our lives. In the orthodontic practice, digitalization can make daily office routine easier and more convenient.

Can you still remember the feeling of holding a freshly developed x-ray in your hands? No doubt it felt strange at first to view X-ray images on a computer screen, but would you want to go back to the days before digital technology now? Probably just as much as you would want to take care of your billing and correspondence on a typewriter.

The role of digital technology has already grown dramatically in restorative dentistry. Thirty years ago, the CEREC system was only something for real technology enthusiasts and indeed wasn't taken seriously by many doctors. Many were convinced that this technology would never take hold,

but it has: Every five seconds, all over the world, a restoration from the market leader CEREC is placed - created precisely and easily in just one appointment at the dentist's own office.

Now, orthodontics is reaching the same point. The demands on us as a manufacturer are considerably higher today since impressions and models play a much larger part in the daily practice of the orthodontic specialist. Our goal is to translate the tools of your trade, one by one, into the digital world. We strive to help you simplify and optimize the workflow in your office and, in doing so, make your office more efficient. Case in point: The most

recent development in the CEREC Ortho software allows you to carry out a semi-automatic model analysis. Digitalization doesn't benefit only you: Patients also appreciate from additional comfort and time savings through fewer appointments.

We are convinced that soon, model analysis with plaster models and calipers will be a thing of the past. Time doesn't stand still and you shouldn't either. The road to complete digitalization in orthodontics is still a long one, but with digital model analysis, we have come one small yet important step closer to our goal. Join us in looking forward to further developments.

## The Digital Workflow with CEREC

Easy, fast and digital - these are the key characteristics of CEREC Ortho. From the intra-oral scan to the finished appliance, every step in the process is intuitive, adapted to common workflows, and convenient for you, your staff, and your patients. Beginning with the scan, you are at an advantage with the CEREC Omnicam intraoral camera: The digital impression isn't just fast and easy for your staff to take; your patient is spared the uncomfortable conventional impression. With the CEREC Ortho software, you have a digital model available directly after imaging, and the integrated model analysis gives you quick access to the clinical information you need to achieve optimal results. The analysis is fast and easy, and can be delegated to your staff, becoming a part of the scanning appointment. This allows you to discuss the results directly with your patient before ordering the desired appliance from the technician or provider of your choice digitally.

### Easy: Scanning



- The intra-oral scan is easy and can be delegated
- 100% reproducible results via a simple guided scanning process
- Ergonomic handling with the small, powder-free CEREC Omnicam color camera
- Your patient is spared the conventional impression

### Fast: Analysis



- Direct evaluation of the case with the integrated model analysis becomes a part of the scanning appointment and saves you and your patient time
- Makes manual model analysis with plaster models and calipers obsolete

### Digital: Export



- 3D printing of a physical model for the production of conventional orthodontic appliances
- Data transfer for further processing by local technicians, software partners or external service providers



Seamless  
Exports



Aligners



Physical Models



Protrusion Splints



Lingual Appliances



Retainers



Bonding Trays



Model Data Export



Simple to learn, easily delegated: guided scanning with the CEREC Omnicam.

## Easy and convenient intra-oral scanning with CEREC Omnicam

The impression taken with the powder-free CEREC Omnicam color camera is a significant step in the digital workflow. Using the camera is easy and can be done by your technical assistant. The small camera head makes it easy for you to reach all areas of the dentition, even with restricted oral openings. Patients are spared the often uncomfortable experience of the conventional impression. In this way, you can organize your workflow comfortably from the beginning.

## Guided scanning takes you through the entire scanning process quickly and intuitively.



The guided scanning process adds a level of security to each scanning procedure. With the CEREC Ortho software, the digital impression is created precisely and easily. The user interface is structured logically and the software is practically self-explanatory. While scanning, visual and audio cues take you through the procedure and make the process simple to understand and replicable. Since you can delegate this step to your assistant, this frees up time for other tasks.

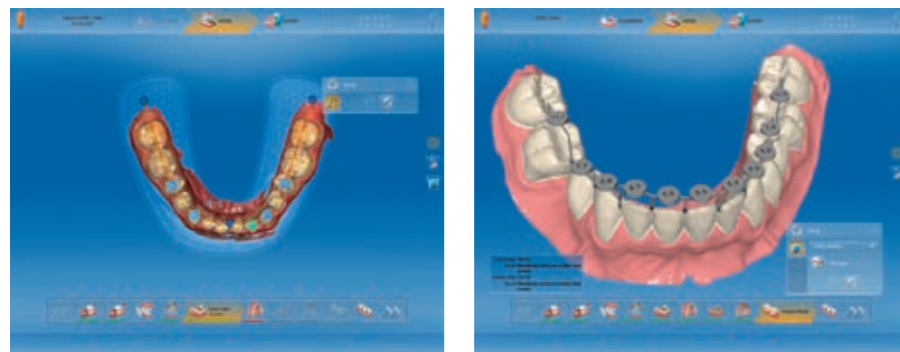
It doesn't matter which treatment is right for your patient: CEREC Ortho helps you achieve your goals digitally.



## Model analysis with CEREC Ortho: The next step into a digital future

Following the scan, you have the option of immediately carrying out the model analysis chairside. With the current version of the CEREC Ortho software, multiple standard analysis methods are available. You can delegate this step, like the scan itself, to your technical assistant and just check the results later. Analysis results can be exported as a PDF with a single click. You save time-consuming model analysis on a plaster model and can discuss the results immediately with your patient – all in one appointment, with no follow-up appointments necessary.

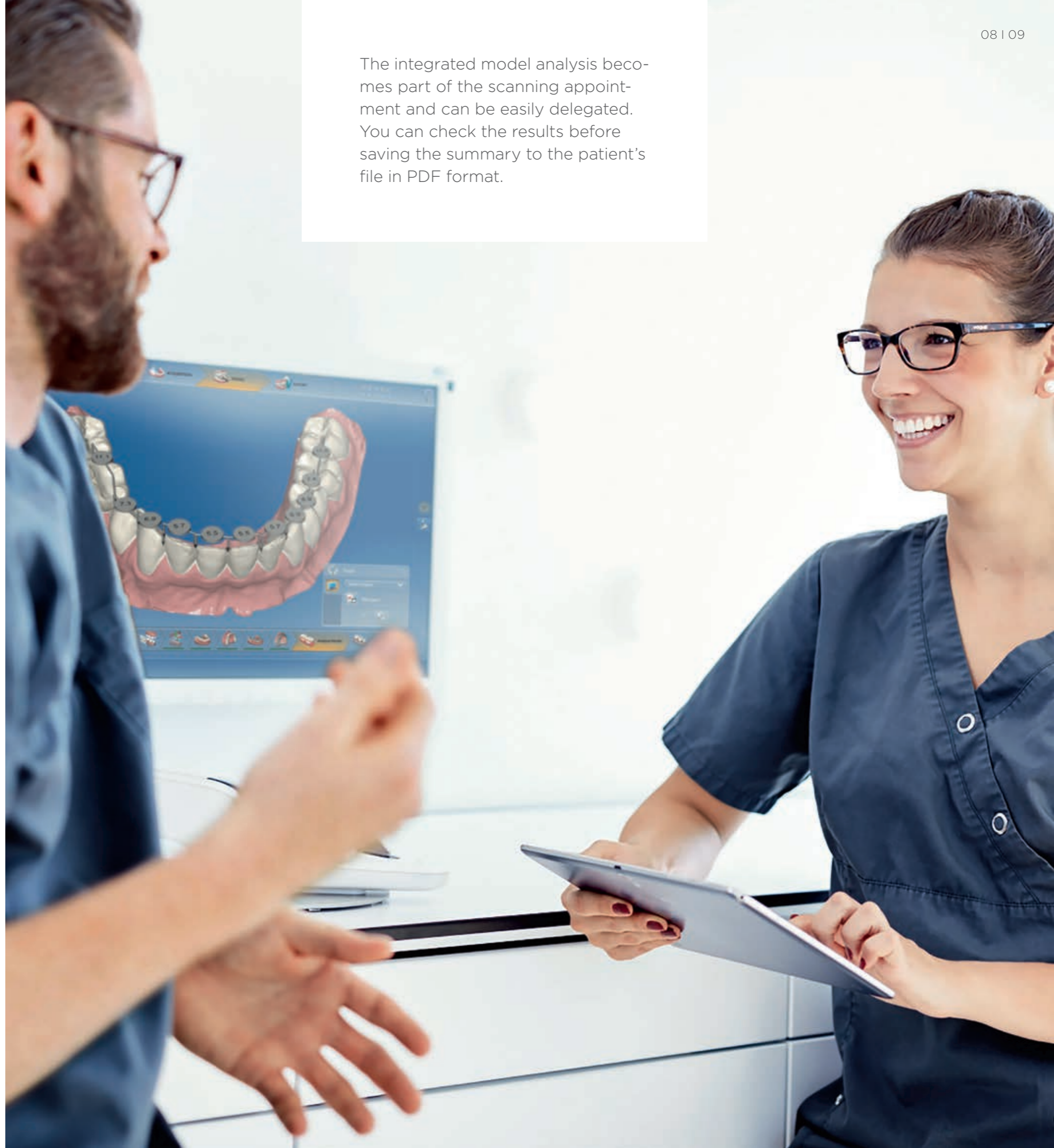
The integrated model analysis is fast and easy



In the first step, the positions of the teeth are marked. The software then identifies the individual teeth automatically. This proposal can be manually corrected if necessary.

Then, the software automatically sets measurement points, which can be easily adjusted. Here you can see an example of Bolton analysis within the software.

The integrated model analysis becomes part of the scanning appointment and can be easily delegated. You can check the results before saving the summary to the patient's file in PDF format.



## CEREC Omnicam – practical and precise

Using Omnicam, you can produce highly detailed digital models without powder or coating. Using the camera isn't only extremely easy, the Omnicam also fits perfectly in your hand. Thanks to its very small camera head, intra-oral scanning is far more comfortable than conventional impressions, even for pediatric patients.

The result: precise digital models in natural color. Ideal for analysis, patient consultation, and for exporting data to your technician or external service provider.

### EASY HANDLING

- Slim, ergonomic design
- Easy camera guidance
- Light, with a modest weight of 313g (11oz)

### REALISTIC MODEL REPRODUCTION

- Precise digital models
- Rendering in color
- 100% reproducible results

### COMFORTABLE SCANNING

- Higher patient comfort with fast, powder-free imaging
- Easy access to the distal dentition thanks to an especially small camera head
- Digital impressions replace uncomfortable trays.



## Flexible solutions for every practice

Regardless of your individual needs and available space, the CEREC Omnicam offers the perfect solution.



### CEREC AF Connect – the flexible tabletop unit

The CEREC AF Connect is ideal for practices with multiple treatment stations. It is composed of an Omnicam and, depending on requirements, multiple camera holders, PCs and monitors, which can be installed at different treatment centers. In this way, you can simply carry the Omnicam itself between stations for scanning.



### CEREC AC Connect – the mobile imaging unit

With CEREC AC Connect, all components – Omnicam, PC and monitor – are integrated into an acquisition unit on wheels. The uninterrupted power supply provides the ideal solution for mobile use. With 38,000 users and counting, CEREC AC Connect is a trusted classic.



### CEREC AI Connect – the integrated version

With CEREC AI Connect, all system components are integrated directly into the Teneo treatment center. Teneo is an ergonomically designed premium product with multiple features to support your workflows and increase comfort for you and your patients. A separate arm for the Omnicam ensures ideal reach distances while the chair remains easily accessible from both sides.



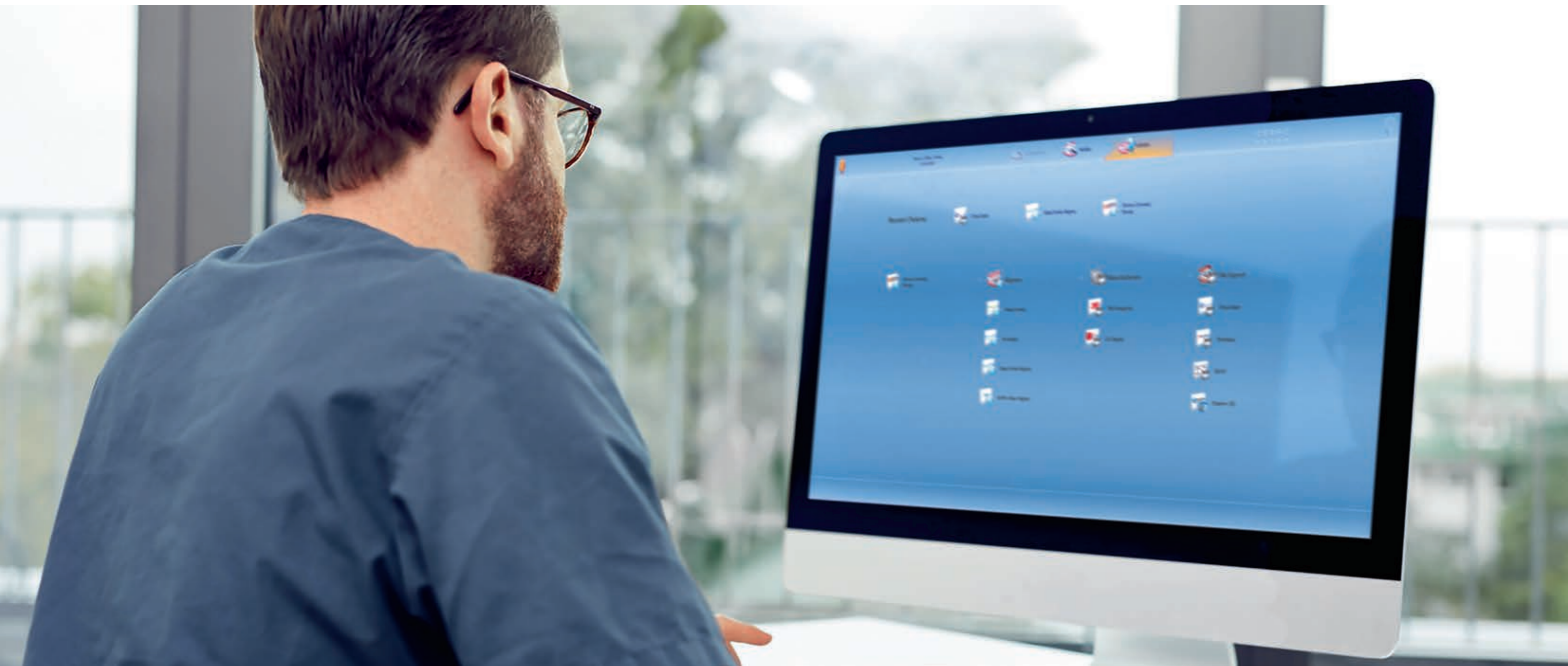
## Endless possibilities for your exported data

Once the analysis and treatment planning are complete, you can export or send the case with a single click. Subsequent processing can either take place in your practice or you can transfer the order to an external service provider. Specially-tailored interfaces are provided to transfer the data directly from the CEREC Ortho software very easily. With Sirona Connect, you are connected to over 2,000 active dental laboratories. **Simple. Practical. Integrated.**



Provider	Service
<b>Sirona Connect</b>	<b>Contact to over 2,000 active dental laboratories</b>
MTM Clear Aligner	Clear aligners
Ideal Smile Aligner	Clear aligners
Invisalign	Clear aligners
Clear Correct	Clear aligners
CA Digital	Clear aligners, digital setups, bonding trays, retainers
DW Lingual Systems	Lingual appliances
Dolphin 3D	Practice management and case administration
OnyxCeph	Software for digital case planning
SICAT	Sicat function, Sicat Air, OPTISLEEP (protrusion appliance)

Please note that the services from the providers listed may vary from region to region.







### Aligners

Clear aligners are becoming an increasingly popular option, especially among adult patients. CEREC Ortho offers you direct access to common ordering portals for aligners.



### Bonding Trays

Digitally-planned bracket and wire cases can be bonded quickly and placed precisely with indirect bonding trays. You and your patient benefit from reduced chairside time. Indirect bonding trays for the transfer of brackets are offered by many providers or can be created yourself using the appropriate planning software.



### Protrusion Splints

Keep the lower jaw in position during sleep, reducing the airway obstruction. Many providers create splints based on the digital model.



### Lingual Appliances

Invisible lingual appliances are a very popular form of treatment among adults and cover a large spectrum of possible indications. With CEREC Ortho, you have direct access to many standard providers of this technology.



### Retainers

For ideal retention, personally tailored lingual retainers can be created based on a final scan. This can be done either via an external service provider or in your own laboratory based on a physical model.

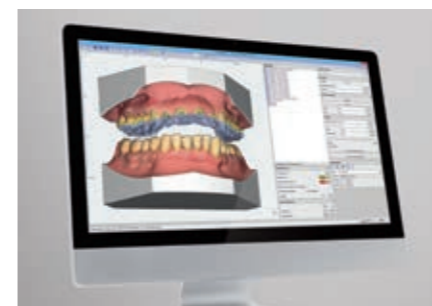


### Physical Models

Physical models for the creation of appliances in the practice laboratory can be produced on a 3D printer. If the appliance is to be produced in a laboratory outside of your practice, digital transmission is completed in a few seconds.

## The analog step of the workflow – appliance production

Ultimately, your workflow will return from the digital to the analog world. The next step involves a technician or service provider taking the data you transfer and translating it, according to your specifications, into the appliance you need and tailoring to your individual patient. In the process, you can choose from the complete spectrum of orthodontic appliances available.



### Model Data Export

Digital models that are created with the CEREC Omnicam can be exported for further digital processing. The creation of digital setups is another step toward the digital, in-house workflow.



## Treatment results: a smiling patient

Easy, fast and digital. That is how you will experience orthodontics with CEREC Ortho. Developed especially for modern and professional orthodontics, CEREC Ortho offers you and your staff a high level of comfort, reliability and time savings ... which is sure to put a smile on your patients' faces.

### Digital Orthodontics

The digital workflow with CEREC Ortho leaves an impression, fascinates patients and stands for a modern practice.

### Satisfied Patients

The less intrusive and time-saving treatment with digital impression taking and fast analysis increases patient satisfaction, which means they will happily recommend your practice to others.

### Motivated Employees

Motivate your staff with CEREC Ortho by integrating state-of-the-art technology and delegating important tasks, such as digital impression taking and model analysis. Your patients will also value the great team spirit.



## CEREC Ortho Club

### Keep your new technology up-to-date.

With CEREC Ortho Club, CEREC AC Connect users invest in further development. Your software stays up-to-date automatically. During the three-year membership, you always receive the latest software updates and upgrades at no additional cost.



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## Procedural Solutions

Preventive  
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Endodontics  
Implants  
Prosthetics

## Enabling Technologies

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Imaging  
Treatment Centers  
Instruments