YOUR PRACTICE
YOUR PREFERENCE

Build and customize a digital workflow for your practice that suits your preferences. Whether you prefer to execute the entire restoration workflow in office, or work in collaboration with the lab, CS Solutions can be mixed and matched according to your practice needs.

With efficient intraoral or impression scanning, intuitive restoration design and convenient milling, CS Solutions enables you to perform chairside restorations in one appointment.

CS Solutions is also an open system, allowing you to use the lab or manufacturer of your choice for your restorative needs. Depending on case complexity, this means that you may opt to scan, design and mill chairside, or perform the scans in office and send the digital models to the lab for processing via CS Connect, a convenient electronic data exchange.

CS SOLUTIONS FOR RESTORATIONS
• Produce restorations chairside or send to a lab
• Reduces treatment steps and improves collaboration
• Provides lab-preferred CAD format
• Promotes treatment acceptance through an upgraded patient experience
• Mills hybrid resin or ceramic restorations chairside
• Provides direct integration with CS Imaging
• Offers scanning acquisition directly from exocad ChairsideCAD software

“It has become a very cost-effective, fast and easy way to show a patient multiple options, including the ideal treatment option.”

Dr. Nate Heffelfinger, Auburn, IN, USA
Overall, digital technology can prevent clinic-lab communication errors, especially in complicated cases, thus allowing doctors to provide better treatment quality to the patients.

Dr. Lee, Kang Hyeuk, D.D.S., Seosan, Chungcheongnamdo, Korea

CHOOSE A WORKFLOW THAT WORKS FOR YOU

- SCAN
- DESIGN
- FABRICATE

**CHAIRSIDE WORKFLOW**

Begin with a CBCT or intraoral scan.

Plan the restoration in exocad ChairsideCAD software and send to mill via Smart Milling Queue.

**OPEN WORKFLOW**

Plan the restoration in CAD software of choice and send to your preferred lab or production center via CS Connect.

Lab or production center manufactures the restoration.

Mill the restoration in-house.
3D IMAGING SYSTEMS

Make your transition to digital a smooth one with a familiar impression workflow—it’s easier than you think. Use your CBCT system from Carestream Dental’s CS 9600, CS 9300 and CS 8100 3D families to scan traditional impressions and create highly precise and accurate digital models quickly and efficiently.

- Delivers low-dose, high-quality 3D X-ray images
- Offers multiple fields of view, ranging from 4 cm x 4 cm to 16 cm x 17 cm²
- Provides an easy entry into digital impressioning
- Scans/digitizes impressions in as little as 45 seconds
- Enables easy sharing of DICOM data with third-party CAD software
- Fits any workflow, thanks to open STL file sharing
- Covers full arch and single-tooth indications

INTRAORAL SCANNERS

Capture all the details you need for custom-fit functional restorations to perform beautiful aesthetic work in minutes. The Carestream Dental intraoral scanner family allows you to mark the margin line directly from the acquisition software and adjust as needed. All files can be easily shared with the lab and viewed with the CS MefhViewer, optimizing communication. Mill restorations chairside or send your scans to the lab—the choice is yours.

- Captures accurate digital impressions at high speed
- Produces open STL and PLY files for easy sharing with the lab of your choice
- Offers full HD color or monochromatic scanning
- Obtains precise HD 3D digital impressions for fast and accurate treatment planning
- Locks up to six previously scanned preparation areas to prevent them from being impacted by additional scanning
- Captures the margin line on challenging subgingival preparations with the Hybrid Scan Mode

SIMPLIFY SCANNING

INTRAORAL SCANNERS

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Access state-of-the-art intuitive restorative design via exocad ChairsideCAD software, which is completely integrated into the CS Solutions platform. exocad’s proven and trusted technology offers more automation with a simplified user interface for the optimal chairside experience.

- Offers a wide range of compatible materials and production systems
- Optimizes the design of chairside restorations
- Supports the design of dental restorations that can be produced at chairside, including inlays, onlays, crowns, veneers, overlays and three-unit bridges
- Allows you to design the restoration and mill chairside

DIGITIZE DESIGN

exocad ChairsideCAD

Launch exocad ChairsideCAD software and select the tooth/teeth to be restored

Draw the margin line

Set the insertion direction

Adjust the crown

Adjust the contacts

Refine with free-form adjustment

Select the restorative material

Nest the production blank
RESTORATIVE VERSATILITY
CS 3100 offers three distinct fabrication options, including milling, grinding and carving, and delivers hybrid resin, ceramic and zirconia restorations—ideal for full contour crowns, inlays, onlays, veneers and three-element bridges.

WORKFLOW PROFICIENCY
Efficient digital workflow speeds treatment, improves case acceptance rates and drives practice productivity.

MAXIMIZE MILLING
CS 3100

Make single-visit restorations a reality and expand your chairside restorative treatment options while delivering highly aesthetic, accurate and durable restorations. For the optimal HD chairside user experience and exceptional aesthetics, combine the CS 3100 milling unit with the highly accurate and precise CS 3600 intraoral scanner.

HIGH PRECISION MILLING
Features a four-axis brushless motor and an exceptionally precise Jäger spindle for high-precision milling.

ADAPTIVE AUTOMATION
Automated four-tool size changer delivers optimal anatomical results and is capable of adapting to new materials via future-proof design.

EFFICIENT AND ORGANIZED
Smart Milling Queue Management in exocad ChairsideCAD software enables you to prepare multiple restorations, one after another.
All you need is the lab’s email address to invite them to access data and integrate it with the design software of their choice.

- Ensures your lab receives all of the necessary details to begin work on a case, including important details like margin line, texture and indication
- Allows you to check the status of the case in real time
- Provides worry-free file exchange, thanks to data encryption
- Transfers DICOM and open STL and PLY 3D impression files as well as advanced CAD format to the lab

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“We have no negative feedback from our customers, our communication with doctors has improved and we have almost no need to rework what is produced.”

Franck Beaupère, Lab Beaupère Quincy-Voisins, France
PROOF POSITIVE

With so many complexities in patient care, moving to digital should not be one of them. The two cases below demonstrate real-world clinical application of the digital workflow in both an open and chairside situation.

CHAIRSIDE WORKFLOW CS 3100 CLINICAL CASE
Courtesy of:
Dr. Joseph D. Mazzola, Broomfield, CO

Extensive buccal decay on maxillary left second molar, less significant interproximal and occlusal decay on both bicuspid teeth are prepped.

Intraoral scan is acquired using the CS 3600 and dataset sent to lab for design.

Inlays and crown are milled chairside with the CS 3100 and delivered the same day.

Final bitewing confirms the fit of the restorations.

OPEN WORKFLOW LAB CLINICAL CASE
Courtesy of:
Dr. Jérôme Lipowicz, Paris, France
Julien Montenero – lab design and manufacturer

Initial situation, replace amalgam fillings on mandibular left second bicuspid and first molar.

Teeth are prepped

Intraoral scan is acquired using the CS 3600 and dataset sent to lab for design.

Inlay and onlay are milled by the lab.

Final restoration is cemented and polished.

"CAD/CAM has been proven to provide increased accuracy, higher quality fabrications and more predictable results when it comes to restorations and models."

Dr. Joseph D. Mazzola, Broomfield, CO, United States
GET THE SUPPORT YOU NEED TO SUCCEED
ENROLL IN CS ADVANTAGE

The industry’s leading manufacturer of integrated imaging and technology solutions is offering a variety of valuable services to facilitate superior product usage and generate peace of mind and success. Carestream Dental is proud to present CS Advantage, a comprehensive support and services program that is fine-tuned to meet the needs of any practice.

Learn more about CS Solutions for restoration: carestreamdental.com/CSsolutions