

What's New in CS Imaging Suite

CS Imaging Suite includes CS Imaging version 8 and CS 3D Imaging software. CS Imaging Suite must be updated regularly to prevent security flaws, ensure compatibility with the latest technology and benefit from new capabilities.

Click on the [version](#) to see the What's New details

Release date	Suite	Software	What's New Highlights
March 2025	3.14.0.31	CS Imaging 8.0.29	(US & Canada) Pearl's Second Opinion® integration in CSI (US & Canada) Support of CS 6200 size 0 sensor (US) EDDS split refinement
January 2025	3.14.0.21	CS Imaging 8.0.28	"Keep me signed in" between CS Imaging 8 and Click & Share, (Europe) Discover AI Insights, (US) EDDS Additional STL in denture workflow
September 2024	3.14.0.14	CS 3D Imaging 3.10.47	Root canal tracing
September 2024	3.14.0.14	CS Imaging 8.0.27	Gender other, DB backup failure, AI Insights 28-day trial and legal doc signature, software update notification
June 2024	3.14.0.8	CS Imaging 8.0.26	(Europe) Ai Insights Intraoral for periapical and bitewings, (USA) Swissmeda Cloud imaging, EDDS transfer via Click & Share to a denture production center
January 2024	3.12.0.14	CS Imaging 8.0.25	Click & Share Clinical service platform, (EU) Security update for AI insights, (US) EDDS security update
January 2024	3.12.0.14	CS 3D Imaging 3.10.43	AI Mapping & tracing, PDIP Export
November 2023	3.11	CS Imaging 8.0.24	Cassidy virtual agent in CS Imaging, Support of iTero™ intraoral scanners, Support of 3Disc intraoral scanners, (USA) Swissmeda Cloud Imaging
May 2023	3.10	CS Imaging 8.0.23	CS 7200 Neo Edition Support, (US) Easy Digital Denture Solution (EDDS)
March 2023	3.10	CS 3D Imaging 3.10.38	New User experience
February 2023	3.9	CS Imaging 8.0.22	Storage commitment (SC), Modality Performed Procedure Step (MPPS), Support of Medit intraoral scanners, New European Union Medical Device Regulation (MDR)
July 2022	3.7	CS Imaging 8.0.20	Open Export to any STL/PLY format files, (Europe) Support of AI Insights
January 2022	3.4	CSI 8.0.17	DICOM Modality Worklist Support
January 2021	3.1	CSI 8.0.8	Client server, Centralized configuration, centralized license activation, database migration tool, DICOM auto-transfer & auto-purge, dematerialized solution (no more DVD)

Please reach out to your Sales representatives to get the latest CS Imaging Suite and to benefit from the auto-update capabilities.

(*) Auto-Update is available worldwide for customers enrolled in a CS Advantage or software maintenance contract.

[Click here](#) to access installation guide (for initial installation), update instructions (for update of an existing installation) or auto-update instructions (for customers who benefit from auto-update).

CS Imaging 8.0.29

included in CS Imaging Suite 3.14.0.31 released March 10, 2025

1 US & Canada Only - CS 6200 size 0 sensor

This version of CS Imaging will support the CS 6200 size 0 sensor, specially designed for pediatric exams and small oral cavities.

Introduction of a size 0 solution for those capturing intraoral radiographs during pediatric exams or for patients with small mouths. Size 0 joins our existing portfolio of size 1 and 2 sensors.

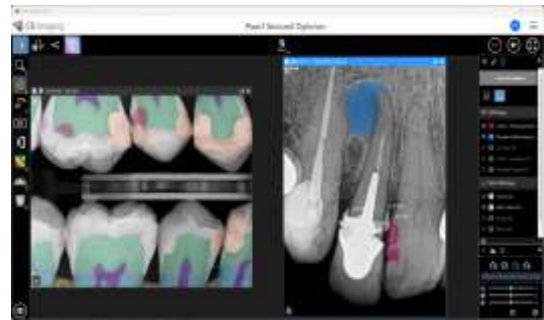


2 US & Canada Only: Pearl's Second Opinion® integration

This version of CS Imaging will natively integrate Pearl's Second Opinion software into CS Imaging.

AI processing that will assist in the detection of common pathologies and other conditions in dental X-rays will be available for newly acquired images from Carestream Dental sensors, RVG 5100/6100 and RVG 5200/6200.

The solution must be purchased from Pearl's commercial agents.



3 USA: Easy Digital Denture Solution (EDDS)

The denture module enables to scan dentures with an existing Carestream Dental CBCT system. The scanned dentures are made available in STL format compatible for subsequent CAD/CAM work.

The dentures are scanned once and will be split automatically into 2 or 3 STL files for review, saving time for the user.

The algorithms have been improved to refine the split for a wider range of denture material.



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CS Imaging 8.0.28

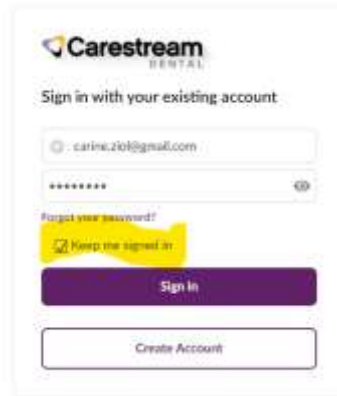
included in CS Imaging Suite 3.14.0.21 released January 3, 2025

1 “Keep me signed in” between CS Imaging 8 and Click & Share

A Carestream Dental User Account is required to connect to Carestream Dental portals (e.g Carestream Dental Institute), or Cloud Services (e.g: AI Insights, Easy Digital Denture Solution or Click & Share).
To Login from CS Imaging, the user must click on the “Login” button on the top right of CS Imaging.



During the sign in, the user can tick the “Keep me signed in” box, to avoid signing in again when using “Click and Share.”



2 Europe Only: AI Insights end-user Trial and increased visibility of AI Insights button

A 28-day trial period can be started by the clinicians from CS Imaging to use AI Insights for Panoramic and Intraoral

1. Select an X-ray eligible for AI Insights analysis.
2. Click on the AI Insights button highlighted.
3. Login to your Carestream Dental account or create one.
4. Accept the Terms & Conditions
5. After activation, countdown starts, service stops after 28 days.
6. To continue use, purchase the annual service from your reseller



3 US only: Easy Digital Denture Solution (EDDS)

The denture module enables to scan dentures with an existing Carestream Dental CBCT system. The scanned dentures are made available in STL format compatible for subsequent CAD/CAM work.

The dentures are scanned once and will be split automatically into two STL files for review, saving time for the user.

When scanning a denture over denture or over stone, 3 SL files are created:

- Mandibular denture or stone STL
- Maxillary denture or stone STL
- (new) A “combo” of the mandibular and the maxillary STL



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CS Imaging 8.0.27

included in CS Imaging Suite 3.14.0.13 released August 6, 2024

1 Gender “other” in the patient card

The patient card is applicable only when CS Imaging is used to manage patients, meaning when CS Imaging is NOT launched by a dental practice management system (DPMS)

The gender “other” has been added the patient card in addition to “female” or “male.” This was added to allow for interoperability with DICOM / PACS workflow.



2 CS Imaging Database backup failure message

A CS Imaging database backup is key for recovery in case of an outage. In case of backup issues, an error message is made visible to end users so they can reach out to their technical support to get it fixed in a timely manner. The error message doesn't prevent the use of CS Imaging version 8.



3 Europe only: AI Insights 28-day trial and legal document signature

- You can ask your dealer to enable a 28-day trial period
- Once enabled, click on the “AI Insights” button
- Upon first use, you are directed to a legal document portal
- Login with or create a Carestream Dental account
- Review and accept Terms & Conditions
- Next time you click on the “AI Insights” button, all users in the practice can use the service.
- After the 28-days trial period, purchase to keep enjoying



4 Software update notification

CS Imaging must be updated regularly to prevent security flaws, ensure compatibility with the latest technology and benefit from new capabilities. This Suite version includes notification capabilities related to **future** software updates:

- (1) A notice will be displayed on all stations when **future** software updates will be available.
- (2) On CS Imaging Server station, an “update” button will be highlighted to proceed with server update during closing hours.
- (3) when a CS Imaging Server has been updated: Open the software on each workstation computer and click Update now to complete the client installation.
Workstations can be updated simultaneously



To open monitor, from the CS Imaging Server computer, select & click on the windows taskbar of hidden icons.




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CS Imaging 8.0.26

included in CS Imaging Suite 3.14.0.8 released June 19, 2024

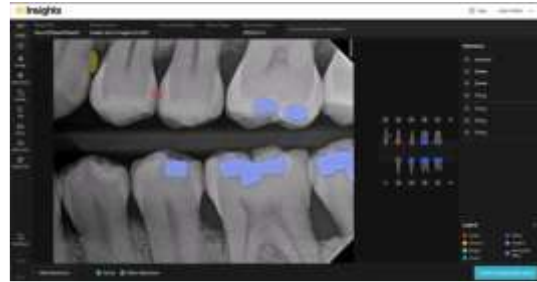
1 Access to Online CS Imaging and CS 3D Imaging user guide in English

- Online CS Imaging and CS 3D Imaging user guide are available from the burger menu When English is selected in the preference. 
- For other languages, a link to a local CS Imaging and a CS 3D Imaging user guide PDF remains.



2 Europe: AI Insights Intraoral for periapical and bitewings

- Carestream Dental introduces an addition to AI Insights for Panoramic: AI Insights Intraoral for periapical and bitewings, an innovative cloud-based imaging service.
- The AI Insights icon will be visible in CS Imaging version 8, only in countries eligible for the service.
- The service is available for RVG 5200/6200 and must be purchased.
Stay tuned = this service will soon be available in the US



3 USA: Login and connectivity to Swissmeda Cloud Imaging

- If Swissmeda Cloud Imaging is enabled, then user the is asked to login when CS Imaging launches.
- To confirm good connectivity with the Swissmeda Cloud Imaging server, an icon is visible on the UI

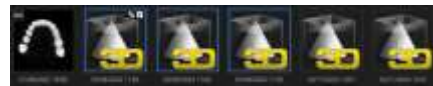


[Click here](#) to learn more about Swissmeda Cloud Imaging



4 USA: Facilitate Easy Digital Denture Solution (EDDS) case selection for subsequent transfer via Click & Share to a denture production center

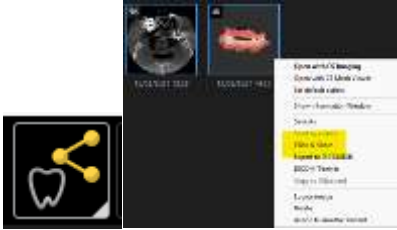

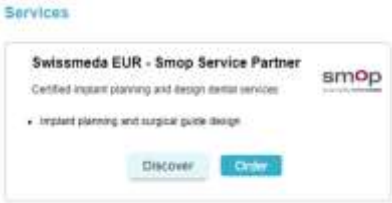

- The clinician only has to select one STL file for all the files of this denture case—STL(s) and parameters included—to be automatically selected.
- Then, the clinician can select Click & Share, login and proceed with a denture production partner that are being added.
[Click here](#) to learn more about EDDS



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CS Imaging 8.0.25

Included in CS Imaging Suite 3.12.0.14 released in January 14, 2024

<p>1 Click & Share – Clinical Services platform</p> <ul style="list-style-type: none"> Exchange images and treatment information securely, effortlessly with Laboratories of your choice, SMOP Service Center and selected service partners. 	
<p>Click & Share – Labs exchange / CS Connect</p> <p><i>Labs exchange/ CS Connect capabilities remains unchanged.</i></p> <p>(1) From CS Imaging version 8 Gallery</p> <ul style="list-style-type: none"> Selects one or multiple datasets 3D Scans (STL, PLY, OBJ) Right-click “Click and Share” or select “Click and share” icon Login to the Click and Share module with Carestream Dental account <p>(2) From Click & Share module</p> <ul style="list-style-type: none"> Labs already invited are listed Clinician can invite new Labs via CS Connect: https://csdentalconnect.com/ Clinician “Send” the 3D scans to the Lab Clinician is directed to CS Connect portal to finalize the exchange 	 
<p>Click & Share – Services</p> <p><i>New! Smop service partners and other selected partners will be onboarded to Click & Share from January 2024 and moving forward</i></p> <p>(1) From CS Imaging version 8 Gallery</p> <ul style="list-style-type: none"> Selects a CBCT scan and/or intraoral scan along with other treatment relevant data Right-click “Click and Share” or select “Click and share” icon Login to the Click and Share module with Carestream Dental account <p>(2) From Click & Share module</p> <ul style="list-style-type: none"> Select the Service Center of your choice Discover the services delivered by the service center Order services from the service center The first time, follow the registration process 	
<p>2 About Security & Software update</p> <ul style="list-style-type: none"> CS Imaging must be updated on a regular basis to prevent from security flaws, to ensure compatibility with latest technology and to benefit from new capabilities. This version 8.0.25 or higher is mandatory for AI Insights (Europe Only) and Easy Digital Denture Solution (US Only) prior February 15, 2024. Monitor application on the CS Imaging Server computer has been updated to display the version installed and, in the future, will notify new version availability. 	 <p><i>To open monitor, from the CS Imaging Server computer, select & click on the windows taskbar of hidden icons</i></p>

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CS Imaging 8.0.24

Included in CS Imaging Suite 3.11.0.24 released November 22, 2023

1 Swissmeda Cloud Imaging for US Market only

A Cloud-based imaging solution that enables dental practices to securely and automatically store CBCT and 2D X-rays in the cloud, so they can be reviewed and shared from any location and at any time, improving workflow efficiency, data safety and ultimately practice growth.



2 Cassidy virtual agent in CS Imaging

Cassidy Virtual agent is available when the CS Imaging language preference is set to English, French, German, Italian or Spanish. Click to use the Cassidy Virtual Agent, a window will open and enter your question.



3 Support of 3Disc intraoral scanners

3Disc intraoral scanners are now supported by IOS Scanner Link, an open solution that allows users to directly connect CS Imaging software to leading intraoral scanners acquisition software.

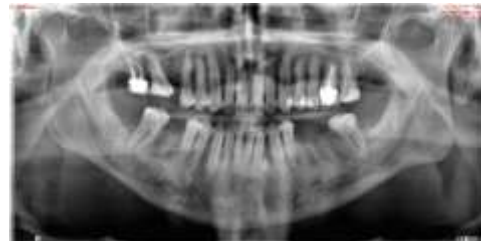
1. Open Patient File in CS Imaging 8
2. Scan acquisition is initiated by CS Imaging 8
3. Patient data automatically transferred to the IOS acquisition software
4. Upon completion, scans are automatically imported into CS Imaging 8

Dexis, Medit and 3Disc intraoral scanner scan acquisitions can be initiated from CS Imaging 8 by IOS Scanner link.



4 Display information as an overlay on images when saving images

In the darkroom, the "Display Information" option shows or hides patient and acquisition information as an overlay on images. When saving the image in BMP, JPG, TIFF or PNG format, the information will be shown or hidden accordingly.



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CS Imaging 8.0.23

Included in CS Imaging Suite 3.10.0 released in May 3, 2023

1 CS 7200 Neo Edition Support

This version of CS Imaging supports the CS 7200 Neo Edition.

In addition to all the benefits of the existing CS 7200, this enhanced edition now supports shared configuration and enables a more effective workflow using Smart Plates.



2 Denture Module for US market only

This is an additional module of CS Imaging under entitlement.

The denture module enables a simple and timesaving workflow to scan dentures with an existing Carestream Dental CBCT system. The scanned dentures are made available in STL format compatible for subsequent CAD/CAM work.

The wizard guides the user through the acquisition steps and therefore simplifies acquisition for users who may not be familiar with CBCT.

The dentures are scanned once and will be split automatically into two STL files for review, saving time for the user.



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CS Imaging 8.0.22

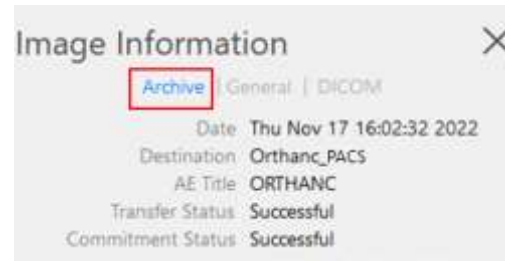
Included in CS Imaging Suite 3.9.0 released February 10, 2023

1 Storage commitment (SC)

- SC is a confirmation from the PACS that an image has been stored reliably.

Workflow

- Set storage commitment in CS Monitor
- Send an image to a PACS accepting storage commitment
- Check the status of storage commitment in the image information window, menu “archive” or in the transaction log in the burger menu.

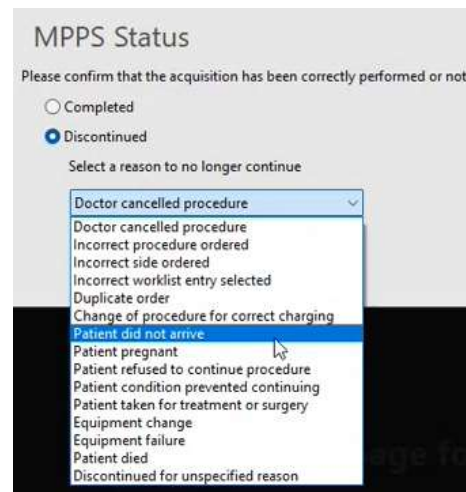


2 Modality Performed Procedure Step (MPPS)

- Modality Performed Procedure Step (MPPS) allows to track the acquisition process to:
 - Manage different radiology subprocesses, such as postprocessing or interpretation,
 - Inform other systems outside of the radiology department about the status of the order (e.g: billing).
- It complements the Modality Worklist, increasing the productivity in radiology department.

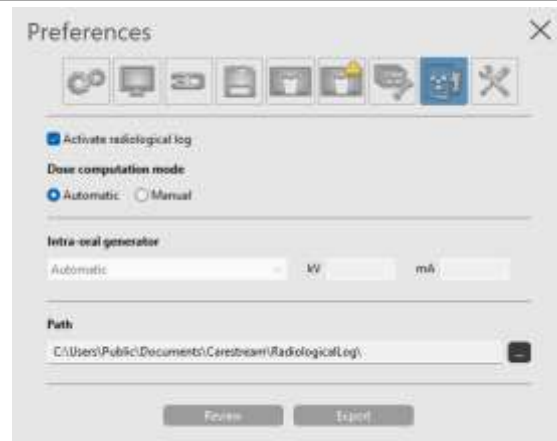
Workflow

- In CS Monitor, set a MPPS service Class server and connect the Modality Service Class server with it.
- After each 2D (panoramic or cephalometric) and 3D acquisitions, validate a MPPS message status – completed or discontinued
- Check the status of MPPS in the transaction log in the burger menu.



3 Radiological log

- Each X-ray dose used for acquisition can be now recorded automatically
- Preferences / Radiological Log / Activate/ Automatic



<p>4 New intraoral scanner integration link for Medit</p> <ul style="list-style-type: none"> • An open solution that allows Carestream Dental software to directly connect to multiple intraoral scanners' (IOS) acquisition software. • A CS Imaging Integration app can be installed from Medit Link, enabling a seamless, automated workflow solution in which CS Imaging 8 is leveraged as the core practice platform to drive workflow efficiency and connectivity. • After installing this app, you can start with a patient in CS Imaging, scan a case in Medit Link and transfer back the scanned model to CS Imaging. 	
<p>5 New European Union Medical Device Regulation (MDR)</p> <ul style="list-style-type: none"> • From this version of CS Imaging is compliant with the latest EU regulation 2017/745 on medical devices. 	

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CS Imaging 8.0.20

Included in CS Imaging Suite 3.7.0 released in July 21, 2022

1 Prosthetic-Driven Implant Planning module (PDIP) now open to STL/PLY format files

- User can manually import any digital impression in STL or PLY format into CS imaging version 8.
- User can use the PDIP module to match any STL/PLY impression with any Carestream Dental CBCT volumes.

Workflow

- Select a patient in CS Imaging
- Import a model in .STL or .PLY format
- Open a CBCT volume with CS 3D Imaging
- Automatically match the .STL or .PLY file with the CBCT volume
- Plan your treatment in CS 3D Imaging
- Export data in third-party software for surgical guide creation



2 Support of AI Insights

- AI Insights is a new cloud-based service providing a powerful tool for the analysis and reporting of panoramic X-ray images using Artificial Intelligence technology.
- The AI Insights icon will be visible in CS Imaging version 8, **only in countries eligible for the service**. For more information about the availability in your country, please contact your Carestream Dental representative.

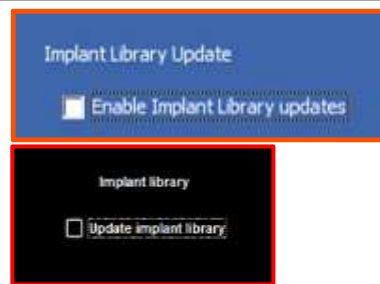


3 CS DICOM additional character set support

- Chinese, Japanese, Korean, Thai and Cyrillic character set can be configured in CS Imaging version 8
- CS Imaging can query worklists, display names and procedures and store data in PACS with the character set configured

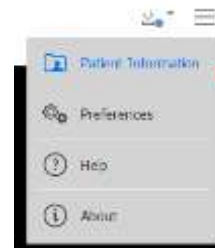
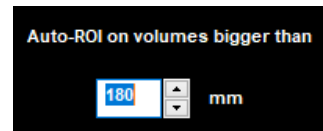
4 CS 3D Imaging Implant Library update preference

- At CS 3D Imaging installation, the user is prompted to either enable or not select Implant library updates
- This choice can be changed in the preferences under the implant section of CS 3D Imaging
- The new preference is considered when relaunching the software.



5 CS 3D Imaging miscellaneous improvements

- A light viewer can be added with exported volumes to make it easier for referrals to review
- In the preference/MPR panel, the Default Auto-ROI setting has been set to the maximum value (180 mm)
- In the PDIP module, to facilitate the registration process, the maxilla and mandible of the same model are grouped with the maxilla on top.
- Patient information, preferences, help and about are now available under a “burger menu” on the top right of the CS 3D Imaging interface. “Burger menu” saves user-interface space and increases visibility.
- When available, CS MAR volumes are transferred to Carestream Dental or third parties' clinical applications such as SMOP, BlueSkyBio or 360Imaging



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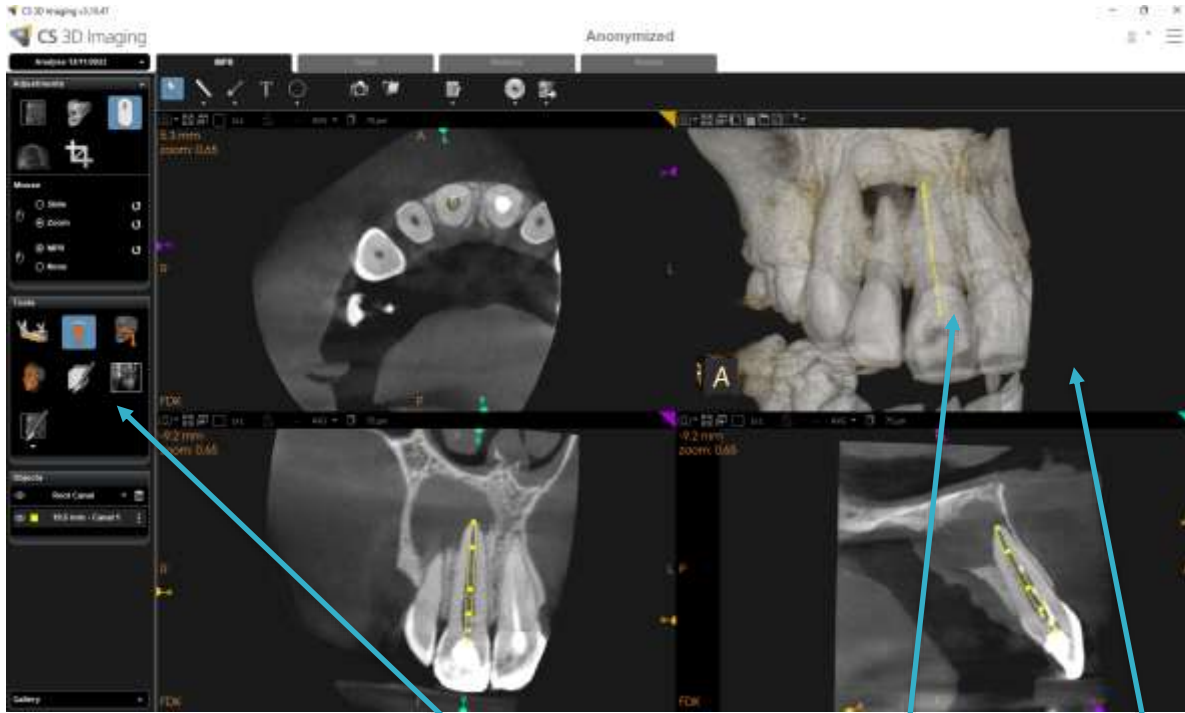
CS 3D Imaging 3.10.47

included in CS Imaging Suite 3.14.0.14 released September 16, 2024

1 Root Canal Tracing tool



The new root canal tracing tool enables practitioners to trace and evaluate root canal shape and length for planning endodontics treatment.

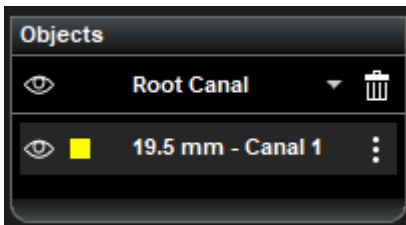


This new tool is available in MPR view tab. (1)

When selecting the root canal tracing tool, 3D rendering opacity is reduced for enabling the user to view the traced canal. (2)

- Users can trace the canal from any MPR view.
- When tracing is completed, users should double-click to leave tracing functionality.
- Traced canal(s) is/are visible in all MPR planes and 3D renderings. (3)

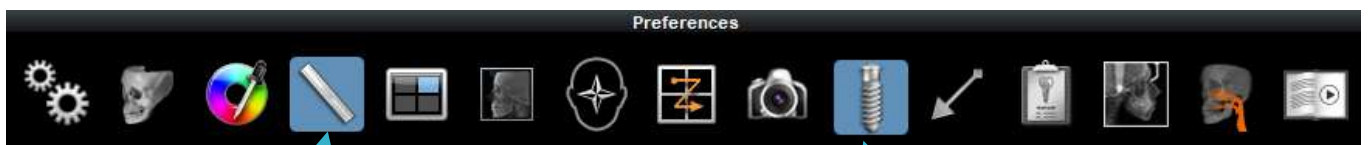
- Root canal information is displayed in "Objects" toolbox:



- Canal properties can be edited:



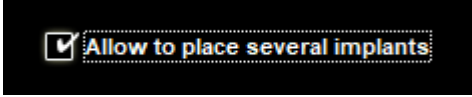
2 New preferences



- Measurement section allows users to: (4)
 - Perform multiple measurements, polylines and angles without having to reselect the measurement toolbox.



- Implant section lets users: (5)
 - Place several implants without having to reselect the implant placement tool.



Good to know: These preferences are not activated by default.

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CS 3D Imaging 3.10.43

included in CS Imaging Suite 3.12.0.14 released in January 2024

1 AI driven automatic panoramic curve mapping

- When clicking on AI Auto Create arch function (1), the system detects best curve and maps the arch/arches.
- In the case of a dual-arches volume, two arches are simultaneously traced: A maxillary and a mandibular one
 - User can toggle between these two arches via the “Objects” toolbox (2)
- If required, users can modify & adjust these curve mapping (3)

Note:

If the automated arch creation is checked in the preferences menu, then arches are automatically mapped and traced when opening the volume.

Good to know:

- This new feature works with any field of view (FOV) equal or higher than 8 cm diameter
- For FOVs with a diameter smaller than 8 cm diameter, these mappings should still be performed manually.



2 AI Driven automatic mandibular nerve mapping

- When clicking on Auto Create Nerve Canal (1), the system detects and trace nerve canals
- An additional mandibular arch is traced following the nerve path (identified in the Objects toolbox as “Canal Arch”) (2)
- If required, the user can:
 - Toggle between traced arches
 - Modify and adjust canal mapping (3)

Note:

Automatic panoramic curve mapping shall be performed prior using automatic mandibular nerve mapping.

Good to know:

- This new feature works with any field of view (FOV) equal or higher than 8 cm diameter
- For FOVs with a diameter smaller than 8 cm diameter, these mappings should still be performed manually.





3 Clinicians can share Implant Planning with Labs

This new capability will allow dentists to share their implant planning from the PDIP module with labs

Workflow Summary

- **As a Clinician:** With a simple click from within CS 3D Imaging, users can export their implant planning project as a zip file
- **As a Clinician:** The file is then uploaded to the **Lab Portal**
- **As a Lab:** The volume is imported, and the implant planning project is then imported as a single STL file
- **As a Lab:** The lab can review the implant planning project of the clinician in its own implant planning software
- **As a Lab:** Labs and clinicians can then easily discuss the planning project

<p>Workflow details as a Doctor</p> <p>As a doctor, I prepare my implant planning with CS 3D Imaging and PDIP</p>	<ul style="list-style-type: none"> • Select the patient in CS Imaging • Perform a CBCT scan for my patient • Perform an intraoral scan for my patient <ul style="list-style-type: none"> ◦ Launched directly from IO Scanner link ◦ Or independently, and import the scanner in CS Imaging • Open the volume in CS 3D Imaging • Import the intraoral scan into CS 3D Imaging • Perform implant planning
<p>As a doctor, I want to share my implant planning with the lab</p> <p>A New Export Volume and PDIP button on the horizontal tool bar</p>	
<p>When you click on the button</p> <p>You choose a local export folder (e.g.: Desktop\PDIP Export)</p>	 <p>A zip file with the patient-name_Export_Date_Time is created (e.g: Jane_Doe_2023-12-06-10-57-05)</p>

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CS 3D Imaging 3.10.38

included in CS Imaging Suite 3.10 released May 2023

1 Simplified user interface

Four tabs instead of five

- “Orthogonal” and “Oblique” tabs have been merged into a single “MPR” one.
- The “Customize” tab has been renamed “Bilateral”.

A new horizontal toolbar, at the top of the interface

- Brings most common tools together.
- Gives more space and allows faster access to objects and tools inside the toolbox on the left side.

A new “Analysis” management (upper left corner of CS 3D Imaging)

- Allows users to easily create different and distinct treatment plans from the same volume.
- Each Analysis can be named



New horizontal tool bar and tabs



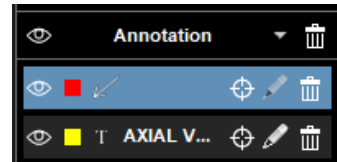
Reorganized objects and tools. All objects appear together in full view



New "Analysis" management

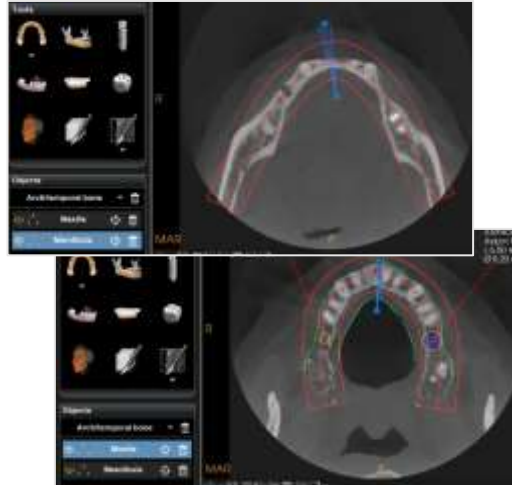
2 New annotations and drawing tools

- In addition to the measurement tool, new tools have been added.
 - Arrow, circle rectangle, freehand drawing (as in CS Imaging 8)
 - Text edit
- These annotations can be either attached to the whole volume (like the measurement tool has been able to previously), or to specific slices inside the volume (new).
- In that case, after going through the volume, the associated slices can be easily retrieved by clicking on the target symbol, associated with each annotation.
- This behavior can be set inside the CS 3D Imaging Preferences (inside the measurement tool tab)



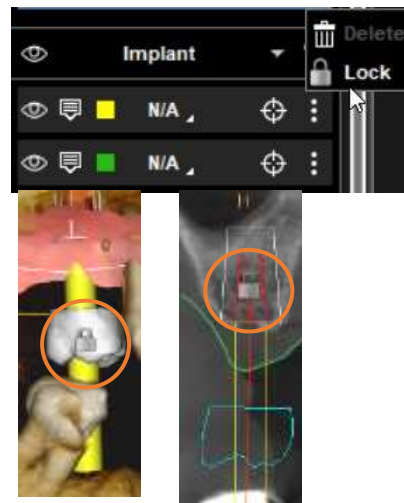
3 Capabilities to trace two simultaneous jaw arches

- When both jaws are involved in a treatment plan, the arch tracing must be optimized for each jaw since the shape of each is very different.
- By tracing two distinct arches, arches and reconstructed images can be optimized.
- The tracing operation is very simple:
 - Trace the first arch
 - Name it (double click inside the tool bar)
 - Deselect the tracing tool
 - Move the axial plane to position the second arch, trace it
 - Name it
- The user can then easily toggle between the two arches.



4 Lock/unlock implants, crowns, wax-ups

- To avoid manipulation errors when some objects overlap (implant and wax-up for instance):
- When the object has been placed inside the volume, just click on the three dots inside the toolbox, and select "lock".
- A padlock then appears over the object in the images.
- The object cannot be moved anymore, until unlocked.



5 New Export options

- In addition to DVD and USB key options, the export can be sent to any destination, with or without the light viewer.
- The export folder automatically assigned the patient's name



<p>6 New Report Editor</p> <ul style="list-style-type: none"> In addition to the current Film Composer a new Report Editor has been designed to give the dentist an easy, flexible, and quick way to create templates and make reports. The user fills the page with free text, image and (DICOM) information boxes, <ul style="list-style-type: none"> Drag and drop boxes from the left side of the interface. Then saves the page as a template. Images from CS 3D Imaging Gallery appear on the right side of the interface. <ul style="list-style-type: none"> From there, users can simply drag & drop the images into the templates they've created. As for the Film Composer, it can be sent to a printer or saved as a PDF file. 	
<p>7 Simplification of slice thickness and slice spacing values</p> <ul style="list-style-type: none"> Values have been rounded to more "comprehensible" values for the practitioner. The same modifications have been made inside the slice generator. Slice thickness can be synchronized through the many views (axial, coronal, sagittal). To be set inside the Preferences 	
<p>8 Regulatory: New information tab</p> <ul style="list-style-type: none"> All regulatory information has been regrouped on a tab with clearer information 	

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