

PRODUCT GUIDE

Your Practice. Your Solutions.

05/2026



Why have we created this product guide?

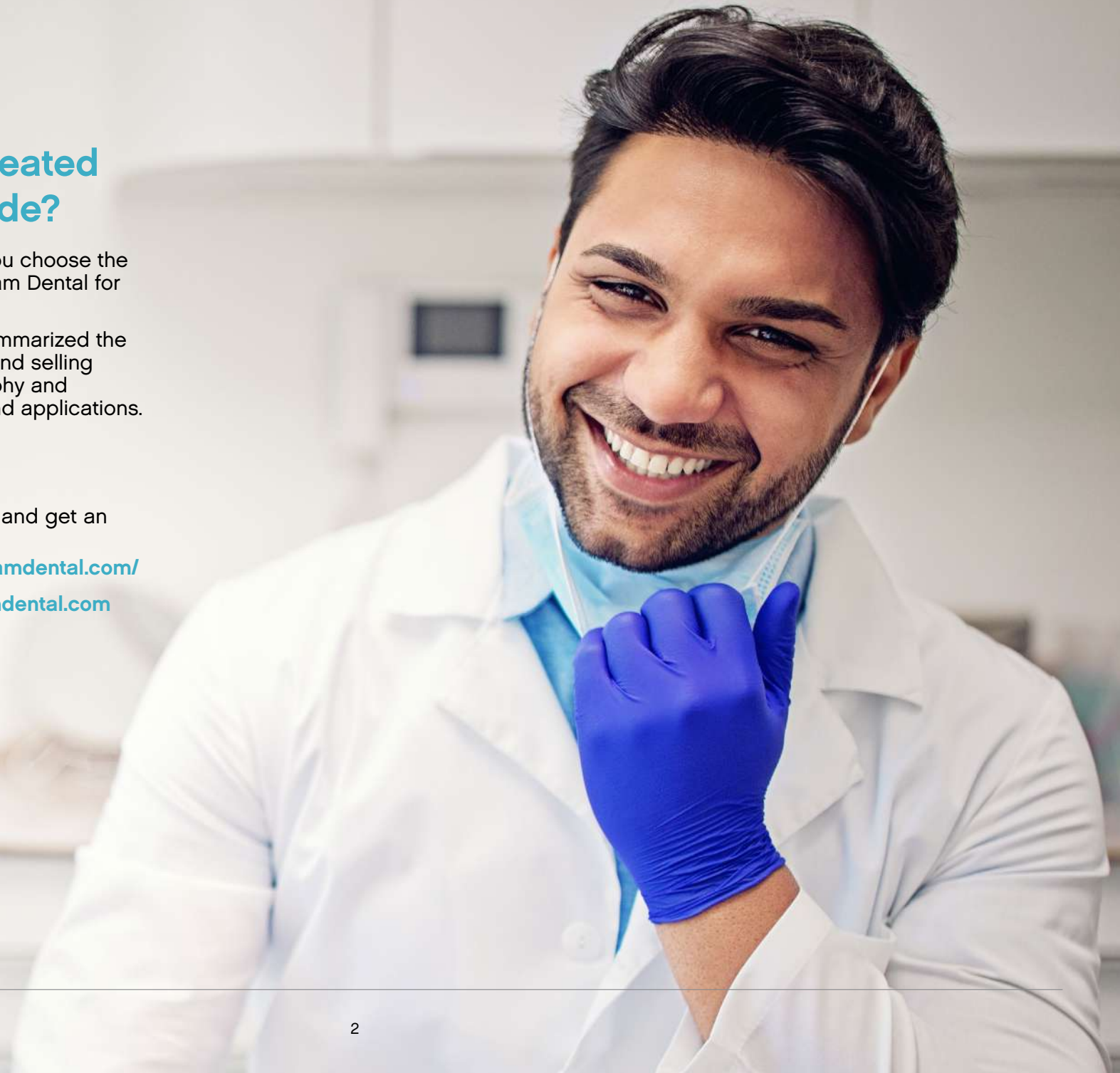
This brochure aims to help you choose the right products from Carestream Dental for your practice.

With this in mind, we have summarized the most important advantages and selling points of our digital radiography and imaging systems, software and applications.

Register your product online and get an additional year of warranty!*

<https://csactivation.carestreamdental.com/>

Visit our website: carestreamdental.com



Hardware

Intraoral Cameras and Generators

CS 1300



CS 2100



CS 2200



CS 2200 Irix Mount



Intraoral X-Ray

RVG 5200



RVG 6200 S1, S2



CS 6200 S0



CS 7200



CS 7600



Extraoral X-Ray

CS 8100 and CS 8100 SC



CS 8200 3D Family



CS 9600 Family 



Software

Standard Imaging Software (included in the CS Imaging 8 Suite)

CS Imaging Software Version 8 with Auto-Update



All

CS Adapt



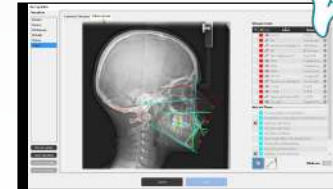
All

CS 3D Imaging Software



All, Implantology, ENT

True Automatic Ceph Tracing



Ortho, Maxillofacial surgery, ENT

Sharing Options: Film Composer & Report Editor



All, ENT

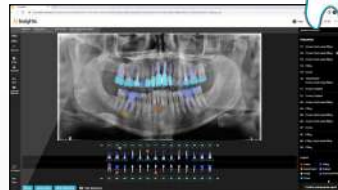
Premium Software - Optional Modules

Prosthetic Driven Implant Planning – PDIP



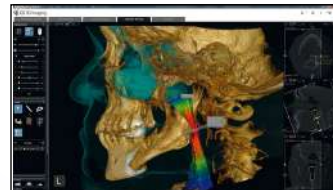
GP's, Implantology

AI Insights



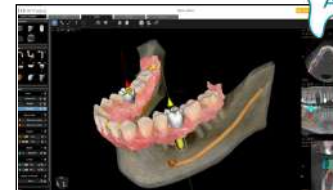
All

CS Airway



ENT, Maxillofacial surgery,
Ortho, Sleep Apnea

CS 3D Imaging Premium



All, Implantology, ENT

Standard Software

CS Mesh Viewer



All, Implantology, ENT

CS Connect



All

CBCT STL Converter



All, Implantology, ENT

Radiology & Hospital Environment

CS Imaging 8 DICOM Server



Radiology centers,
Hospitals, ENT

CS Acquisition



Radiology centers,
Hospitals, ENT

Service offerings

Uncompromising reliability, worry-free warranty

For over 125 years, Carestream Dental has been designing reliable, state-of-the-art imaging solutions for dentistry. Every product undergoes rigorous testing to ensure the highest quality standards, providing long-lasting performance and peace of mind.

- All new imaging equipment is covered by a **12-month warranty** included from the date of installation. This 12-month warranty can be **extended free of charge for an additional 12 months**, for a total of **24 months**, by registering the product on the **CS Activation portal**. Product registration must be carried out by the dealer using the end-user's details.
- The Carestream Dental warranty covers **all spare parts** of the equipment against manufacturing defects and is applicable only when the product is used correctly, in accordance with the recommendations outlined in the user manual.



- The warranty does not cover damage resulting from misuse, negligence, accidents, abrasion, exposure to extreme temperatures, solvents, acids, water, or normal wear and tear, nor does it include consumables or software.
- Spare parts replaced under warranty are not covered by a separate warranty, but follow the remaining warranty period of the main equipment. Conversely, spare parts installed on out-of-warranty devices are covered by a 12-month warranty.

- Carestream Dental dealers ensure that the installation, maintenance, service, and repair of equipment—both under warranty and out of warranty—are performed exclusively by certified technicians, either through on-site visits and/or telephone support*.
- The Carestream Dental support team leverages advanced data platforms to identify and resolve technical issues, supporting dealers with predictive tools for rapid diagnostics and efficient solutions.

For extended protection, you can purchase warranty extensions of up to 10 years for extraoral imaging devices and up to 5 years for intraoral imaging devices.

*Please contact your trusted dealer for information on related costs and further details.



Service Offerings



Product	CS Protect 	CS Advantage 	Years
CS 1300	Complete exchange		5 years
CS 2100	Exchange of all defective parts		5 years
CS 2200	Exchange of all defective parts		5 years
RVG 5200	Complete exchange		5 years
RVG 6200	Complete exchange		5 years
CS 6200	Complete exchange		5 years
CS 7200	Exchange of all defective parts / Complete exchange		5 years
CS 7600	Exchange of all defective parts / Complete exchange		5 years
CS 8100, CS 8100SC		Exchange of all defective parts - incl. all Spare Parts	5, 8 or 10 Years
CS 8200 3D*		Exchange of all defective parts - incl. all Spare Parts	5, 8 or 10 Years
CS 9600*		Exchange of all defective parts - incl. all Spare Parts	5, 8 or 10 Years

*ScanCeph Module Upgrades could get protected with CS Protect.

Harness the power of AI

Accelerate your implant planning workflow with CS 3D Imaging Premium

Work smarter not harder with CS 3D Imaging Premium, the AI-powered software that accelerates your implant planning workflow by automating tasks and simplifying 3D case sharing.

Try CS 3D Imaging Premium for free and unlock new features to enhance your treatment planning and boost your productivity.

Learn more at [Carestreamdental.com](https://www.carestreamdental.com)



90-day
free trial



Intraoral imaging

CS 1300

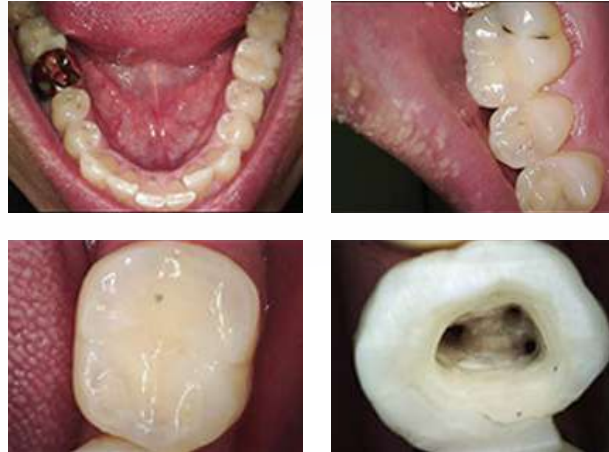
Intraoral Camera

**Clarity at every angle.
Simply integrated.**

The CS 1300 intraoral camera is designed to deliver crisp, full HD images for enhanced patient communication and comprehensive case documentation. Fully integrated into CS Imaging 8, the CS 1300 offers an intuitive workflow and effortless usability.

Features and benefits

- 280° rotating head
- Full HD resolution
- Versatile focal range & dual autofocus
- Advanced illumination
- Ergonomic and lightweight



Technical specifications

Sensor	5M Pixel CMOS
Lens type	Liquid
Focus	Auto and Semi Focus
Focus Range	Macro to full arch (10mm to 100mm)
FOV	84°
View angle	90°
Max Definition	HD (1280 x 720)
Light Source	9 LEDs with adjustable brightness and color temperature
Handpiece weight	Approx. 56g
Dimensions	Approx. L202 x W30 x H28 mm
Connection	USB – Detachable cable

Recommended PC requirements see page 47

Product	Cat. No.
CS 1300 Intraoral Camera USB	5945282
Intraoral Cameras 3-year CS Protect	5317060



CS Protect



Product availability may vary by country

Intraoral imaging

CS 2100

Intraoral X-Ray System

Providing a simple solution for your basic diagnostic needs, the CS 2100 is an affordable way to introduce high-frequency technology to your practice. The intuitive generator optimizes contrast and image definition to help you obtain the optimal intraoral images you need for making effective diagnoses.

Features and benefits

- High-frequency DC technology at the price of a conventional generator
- Sharp and high-contrast images for easy diagnosis
- Easy-to-use and fast-setting generator thanks to its improved timer design
- Dose display after each exposure
- Ideal for digital sensors, analog films or phosphor plates
- Multiple configurations available; four mounting positions and three arm lengths - fully adaptable to any spacing requirement



CS Protect



Product	Cat. No.
CS 2100	5321898
Extension arm 170 cm	5188545
Extension arm 188 cm	5188552
Extension arm 205 cm	5188560
CS 2100 3-year CS Protect	5317094

Technical specifications

Power supply	230 – 240 V
X-ray generator	Very high frequency – DC (300 kHz)
Tube voltage	CS 2100: 60 kV CS 2200: 60 kV, 70 kV
Tube current	7 mA
Tube focal spot	0.7 mm IEC
Focal spot/skin distance	200 mm

X-ray units are also available with 100-110-130 V

Intraoral imaging

CS 2200

Intraoral X-Ray System

Superior digital image quality and accurate diagnoses in any environment. The CS 2200 maximizes your diagnostic abilities and improves your workflow with its intuitive and user-friendly design.

Features and benefits

- Maximum image quality with minimum exposure
- Total control on tube voltage (60 or 70 kV) for high contrasted or high latitude images
- Intuitive and easy-to-use
- Ideal for digital sensors, analog films or phosphor plates
- High frequency for better patient safety - reduces the radiation dose up to 25% in comparison with a standard generator
- Dose display after each exposure
- Multiple configurations available, a mobile or fixed column mount, as well as wall mounting option fully compatible with the Irix installed base



Irix Mount

Complete unit with wall mount for replacing existing IRIX systems as well as a variety of other popular manufacturers' systems. Existing holes can be used for wall mounting



Product	Cat. No.
CS 2200	5321906
CS 2200 Irix mount	5321880
Extension arm 170 cm	5188545
Extension arm 188 cm	5188552
Extension arm 205 cm (except Irix mount)	5188560
CS 2200 Irix mount with long arm 205 cm	5159660
CS 2200 3-year CS Protect	5317094

Technical specifications

Power supply	230 – 240 V
X-ray generator	Very high frequency – DC (300 kHz)
Tube voltage	CS 2100: 60 kV CS 2200: 60 kV, 70 kV
Tube current	7 mA
Tube focal spot	0.7 mm IEC
Focal spot/skin distance	200 mm

X-ray units are also available with 100-110-130 V



CS Protect



Digital intraoral radiography

RVG 5200

Digital Radiography System

Intuitive intraoral imaging.

Affordable price.

Ideal for your basic intraoral imaging needs, the RVG 5200 delivers exceptional images (16 lp/cm true image resolution) at an affordable price - making it a great first step into digital imaging.

Features and benefits

- An ideal solution for basic intraoral imaging needs
- Exceptional images quickly and easily
- Advanced image processing tools
- 16 lp/mm true image resolution
- Affordable entry point into digital intraoral imaging



CS Protect



Product	Cat. No.
RVG 5200 size 1	5311295
RVG 5200 size 2	5311303
RVG 5200 3-year CS Protect	5317052



Technical specifications

Sensor size 1



Sensor size 2



True image resolution*	16 lp/mm	16 lp/mm
Pixel size	19 µm	19 µm
External dimensions	27.6 x 37.7 mm	32.2 x 44.2 mm
Dimensions of active area	22.2 x 29.6 mm	26.6 x 35.5 mm
Number of pixels	1.82 million	2.63 million
Sensor plate thickness	7.3 mm	7.3 mm
Purpose	All-purpose sensor	Bitewing examinations
Sensor	CMOS with optical fiber technology	
Connection	USB 2.0	

Recommended PC requirements see page 47

*Did you know? Theoretical resolution is a calculation of what the sensor is capable of in an ideal world, based solely upon the number of pixels and pixel size of the CMOS sensor. In contrast, true resolution adds in the components of the finished product, including sealants, shock layers, scintillators, and protective housing, as well as detector noise and scanner vibrations, to determine the measured resolution in lp/mm.

Digital intraoral radiography

RVG 6200

Digital Radiography System

Proven RVG Technology.

Established Reliability.

For maximum diagnostic precision and film-quality digital images, the RVG 6200 is ideal for any dental application.

Features and benefits

- 24 lp/mm true image resolution promotes maximum diagnostic precision
- Customized image contrast according to diagnostic need
- Ergonomically optimized rear entry cable attachment facilitates comfortable positioning
- Sensor cable is 20% thinner and more flexible than previous models of RVG sensors
- Workflow is reduced by two steps and is optimized to the extreme: Position. Expose. View.
- Simplified installation process verifies that the sensor is installed correctly
- Better diagnostic and improved workflow with CS Adapt (for details see page 33)



Optimized Contrast Optimized Smooth Ultra Speed Insight



Technical specifications

Sensor size 1



Sensor size 2



True image resolution*	> 24 lp/mm	> 24 lp/mm
Pixel size	19 µm	19 µm
External dimensions	27.6 x 37.7 mm	32.2 x 44.2 mm
Dimensions of active area	22.2 x 29.6 mm	26.6 x 35.5 mm
Number of pixels	1.82 million	2.63 million
Sensor plate thickness	7.3 mm	7.3 mm
Purpose	All-purpose sensor	Bitewing examinations
Sensor	CMOS with optical fiber technology	
Connection	USB 2.0	

Recommended PC requirements see page 47

*Did you know? Theoretical resolution is a calculation of what the sensor is capable of in an ideal world, based solely upon the number of pixels and pixel size of the CMOS sensor. In contrast, true resolution adds in the components of the finished product, including sealants, shock layers, scintillators, and protective housing, as well as detector noise and scanner vibrations, to determine the measured resolution in lp/mm.

Product	Cat. No.
RVG 6200 size 1	5310719
RVG 6200 size 2	5310727
RVG 6200 3-year CS Protect	5317052

Digital intraoral radiography

Comparative Matrix for RVG Range

Features	RVG 5200	RVG 6200
Topline Advantages	• Best value • Resolution/price balance	• Direct to USB • Streamlined, three-step workflow • Highest resolution
Pedodontic sensor – Size 0		
Size 1 and 2 sensors	✓	✓
Automatic FMS	✓	✓
Waterproof	✓	✓
Specialized positioners	✓	✓
Shock resistant	✓	✓
Optimal patient comfort	✓	✓
Instant image acquisition	✓	✓
High resolution	✓	✓
USB Connectivity	✓	✓
Best-in-class warranty	✓	✓
Advanced image enhancement	✓	✓
TWAIN compatible	✓	✓
Film-quality resolution		✓
Caries detection		✓
Wi-Fi enabled		
CS Adapt image processing module		✓

Use the comparative matrix to select the best sensor model and sensor size based on the practitioner's specialty or intended use.



CS Protect



	Size 1		Size 2	
Systems	RVG 5200	RVG 6200	RVG 5200	RVG 6200
General diagnostics	●●	●●●	●●	●●●
Caries detection	●●	●●●	●●	●●●
Endodontics	●	●●●	●	●●●
Implantology	●●	●●●	●●	●●●
Periodontics	●●	●●●	●●	●●●

● Good ●● Better ●●● Best

Please note bullets are simply a recommendation based on feedback from our thought leaders and users. One bullet indicates it meets the basic requirements for the application. Three bullets indicates it is the best choice.

Digital intraoral radiography

CS 6200 S0

Digital Radiography System

Specially designed for pediatric exams and small oral cavities

When other sizes are still too large for certain patients, the size 0 sensor will provide a true alternative to obtain the clinical information that is needed

Features and benefits

- Reduced thickness specifically designed for pediatric exams and small oral cavities
- >15 lp/mm true image resolution promotes maximum diagnostic precision
- Customized image contrast according to diagnostic need
- Ergonomically optimized rear entry cable attachment facilitates comfortable positioning
- Workflow is reduced by two steps and is optimized to the extreme: Position. Expose. View.
- Better diagnostic and improved workflow with CS Adapt ([for details see page 33](#))



CS Protect



Technical specifications

Image Size	Size 0
Technology	CMOS Scintillator
Active Area	18.0 x 24.0 mm
Overall Dimensions	23.5 x 33.6 mm
Sensor Thickness	4.5 mm
Spatial Resolution	> 15 lp/mm
Pixel size	20 µm
Matrix	900 x 1200 pixels

[Recommended PC requirements see page 47](#)

*Did you know? Theoretical resolution is a calculation of what the sensor is capable of in an ideal world, based solely upon the number of pixels and pixel size of the CMOS sensor. In contrast, true resolution adds in the components of the finished product, including sealants, shock layers, scintillators, and protective housing, as well as detector noise and scanner vibrations, to determine the measured resolution in lp/mm. **Product availability may vary by country.**

NEW



Specifically designed for pediatric exams and small oral cavities



40% thinner and 53% less bulky than RVG 6200 size 1

Product	Cat. No.
CS 6200 size 0	5944855
RVG 6200 3-year CS Protect	5317052

Computed radiography

CS 7200

Neo Edition

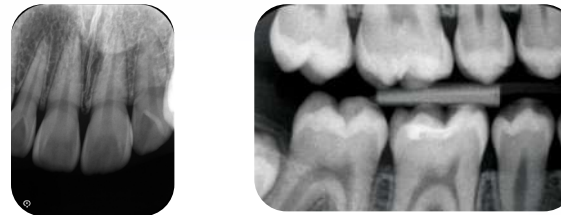
Intraoral Imaging Plate System

The everyday digital system that's as easy as film. With its slim, compact design, the CS 7200 Neo Edition is a flexible chairside or shared configuration system which can be installed in both single operatory or multi-room practices.

Features and benefits

- Resolution up to 19 lp/mm in Ultra high resolution mode
- Covers most intraoral indications including periapical, bitewing and pediatric exams
- Space-saving design and quiet scanning
- Thin, flexible smart plates
- Better diagnostic and improved workflow with CS Adapt ([for details see page 33](#))
- First image viewable in as few as 8 seconds
- Can be used by multiple users at the same time
- Scan & Go technology:
 - Plates are identified electronically prior to the exam
 - Images are sent automatically to the right patient file
 - Plates can be scanned in any order
 - Images are displayed in the correct position when scanning a Full Mouth Series (FMS)
- Remote services help reduce downtime and optimize service cost

Product	Cat. No.
CS 7200	5942727
CS 7200 + 2 x Scan & Go	5944608
CS 7200 Scan & Go device	5944731
CS 7200 3-year CS Protect	5317086



Technical specifications

Imaging plate scanning resolution	Ultra high resolution	19 lp/mm
	High resolution	14 lp/mm
	High speed	8 lp/mm
Plate Sizes	Size 0 – 22 mm x 35 mm	
	Size 1 – 24 mm x 40 mm	
	Size 2 – 31 mm x 41 mm	
Power supply	100-240 V (ac), 50/60 Hz, 1.2 A	
Connectivity	USB or Ethernet	
System dimensions	270 (H) x 130 (W) x 300 (D) mm	
Weight	3.5 kg	

[Recommended PC requirements see page 47](#)

Computed radiography

CS 7600

Intraoral Imaging Plate System

The first imaging plate system to feature a fully automated and secure workflow designed to improve productivity and user experience, allowing multiple operators to use the system on multiple patients at the same time, with no waiting required and no risk of errors.

Features and benefits

- High image resolution (up to 18 lp/mm) with a wide exposure range
- First image viewable in as few as 5 seconds.
Full Mouth Series from 2-6 minutes
- Can be used by multiple users at the same time
- Built-in memory eliminates the risk of lost images and allows users to scan plates during network failure
- **Scan & Go** technology
 - Fully secure and automated workflow, avoiding plate mix-up, confusion, and mistakes
 - Secured multi-patients and multi-users management at the same time
 - Bulk scanning reduces operating time
- Remote services help reduce downtime and optimize service cost
- Better diagnostic and improved workflow with CS Adapt ([for details see page 33](#))

Product	Cat. No.
CS 7600 (incl. two Scan & Go devices)	1014307
CS 7600 Scan & Go device	1014315
CS 7600 3-year CS Protect	5317086



Size 2 Bitewing



Size 2 Bitewing



Size 2 Periapical



Size 4 Occlusal



CS Protect



Technical specifications

Imaging plate scanning resolution	Super high resolution	18 lp/mm
	High resolution	14 lp/mm
	High speed	8 lp/mm
Plate Sizes	Size 0	22 mm x 35 mm
	Size 1	24 mm x 40 mm
	Size 2	31 mm x 41 mm
	Size 3	27 mm x 54 mm
	Size 4	57 mm x 76 mm
Power supply	100-240 V (ac), 50/60 Hz, 1.5 A	
Display	7.5 cm (3.5") color LCD display	
Unit dimensions (without bracket)	266 (H) x 237 (W) x 259 (D) mm	
Weight	6 kg	

Recommended PC requirements see page 47

A solution for every clinic and any consultation

Today, 2D and 3D imaging technology is no longer restricted to the specialized few. Our digital systems can significantly improve workflow efficiency, safety and communication for any dental professional. From diagnosis, consultation and planning to surgery - all the way to your final results - our solutions allow you to work quickly, confidently and economically; ultimately helping your patients feel more comfortable in your care.



CS 8100 Family

An ultra-compact panoramic system designed with simplicity in mind. Delivering superb image clarity, the CS 8100 family is ideal for your everyday panoramic and cephalometric needs.



Cephalometric option for any imaging solution

Our equipment can meet all your orthodontic needs with state-of-the-art cephalometric technology and software, including automatic tracing.



CS 8200 3D Family

Featuring an extended field of view – up to 16x10 – and premium imaging technologies, this versatile 2D/3D system is ideal for practices with an extended scope of treatments.



CS 9600

A powerful 5-in-1 CBCT scanner with the broadest range of volume sizes, the CS 9600 family is ideal for dental professionals.

"The CS 8100 does more than my old machine and is half the size! The unit provides sharp images with more detail and the learning curve is minimal. Simply put, capturing a panoramic image has never been easier."

Dr. Bartley Labiner, Labiner Oral Surgery, Bronx, NY

"The CS 8200 3D has given me the ability to diagnose better, given me more peace of mind and confidence. It makes me a more predictable dentist and I'm able to offer solutions that I couldn't before."

Dr. Kamal Singh Missan, BDS

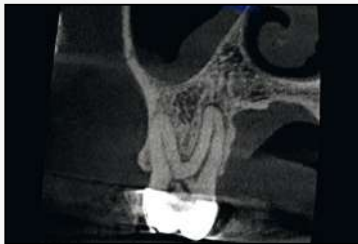
"The CS 9600 is the next generation of CBCT systems, featuring perfect, never-before-achieved 2D and 3D imaging quality and the game-changing CS MAR feature."

Dr. Beat R. Kurt, DDS

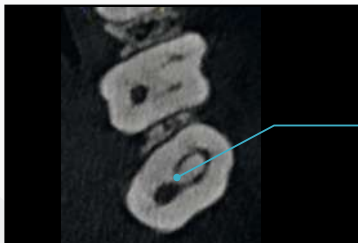


The path to better Endodontics is crystal clear

Endodontics requires the most detailed images and the most accurate knowledge of canal morphology. High-resolution 3D images - up to 75 microns - help you visualize complex anatomy, hard-to-find canals and traumas. By having these images, diagnosis is made easier, reducing treatment time and providing the clear, captivating images necessary to support case acceptance.



Diagnose endodontic pathosis.



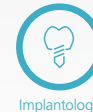
Assess canal morphology.



Analyze external and internal root resorption.



Evaluate root fractures and trauma.



Implanting Confidence

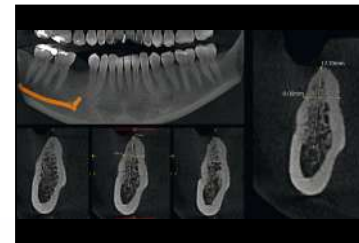
Three-dimensional imaging is now the standard of care when planning implants. CBCT systems provide a wide range of fields of view to cover all your implant indications. Our comprehensive implant planning software makes treatment planning simple and helps improve case acceptance and confidence in your care.



Evaluate bone quantity and quality, and localize anatomical obstacles.



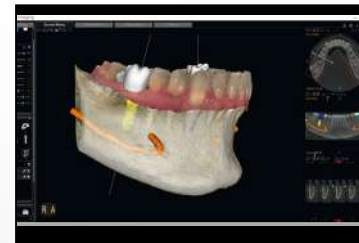
Create surgical guides with third-party software.



Take precise measurements using true 1:1 ratio.



Collaborate with referrals.



Plan implants using specialized 3D software.

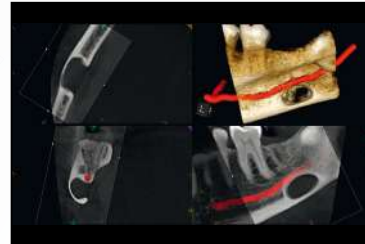


Oral And Maxillofacial Surgery Success

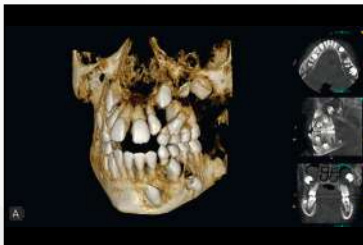
CBCT helps you identify the many variables needed to perform oral and maxillofacial surgeries successfully. Carestream Dental's 3D solutions give you that possibility and so much more.



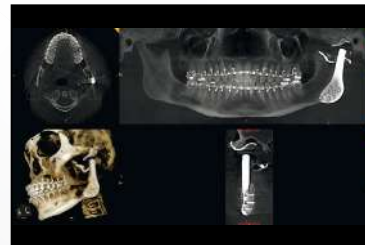
Identify relationships between impacted teeth and vital anatomical structures.



Visualize cysts and periapical lesions.



Define surgical protocol for impacted tooth extractions, cyst removals or periapical lesion treatments.



Make preoperative and post-operative assessments.

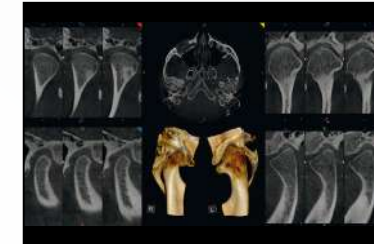


Quick and precise orthodontic imagery

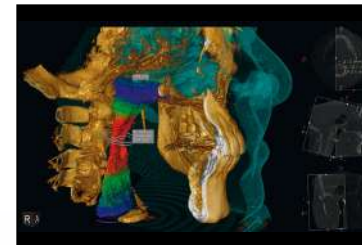
Low-dose CBCT imaging is the perfect complement to your 2D panoramic and cephalometric imaging. A versatile extraoral imaging solution allows you to quickly create digital models and keep your patients updated on their treatment process.



Analyze skeletal symmetry and plan orthognathic surgical treatment.



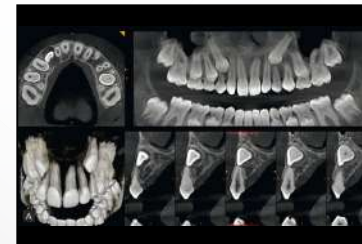
Assess TMJ and occlusion.



Analyze upper airway.



Plan placement of temporary anchorage devices.



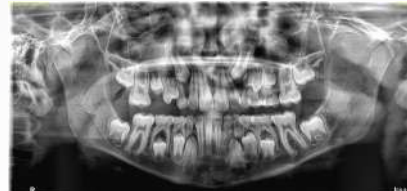
Evaluate ectopic and impacted teeth.

Clinical Indications CS 8100 Family / CS 8200 3D Family / CS 9600

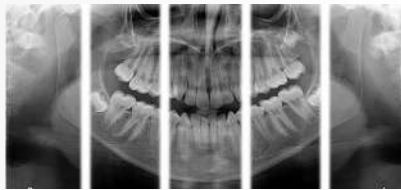
PANORAMIC IMAGING



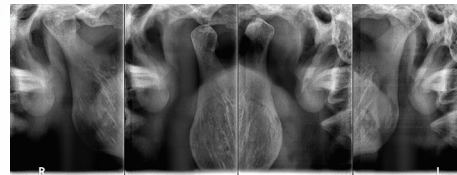
Standard panoramic



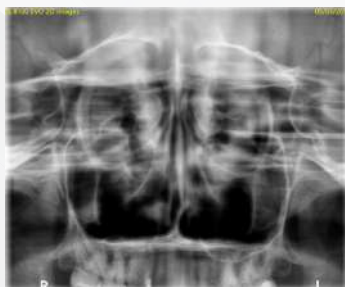
Pediatric panoramic



Segmented panoramic



Lateral TMJ x4



Maxillary sinus



Lateral TMJ x2

CEPHALOMETRIC IMAGING



Standard format
18 cm x 24 cm



Reduced format
18 cm x 18 cm



Frontal views (AP/PA)



Lateral view



Cranial format 26 cm x 24 cm



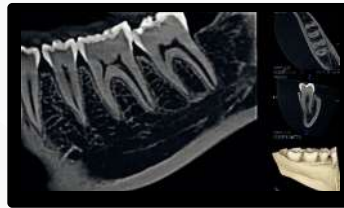
Carpus

Clinical Indications CS 8200 3D Family / CS 9600

3D IMAGING



Pediatric mode 4 cm x 4 cm



Endo HD mode 5 cm x 5 cm



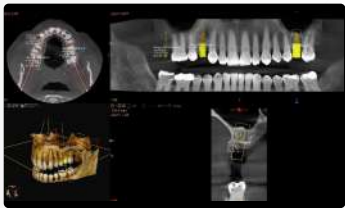
Single jaw mode 8 cm x 5 cm



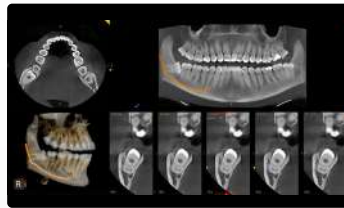
Dual jaw mode 5 cm x 8 cm
Implant simulation



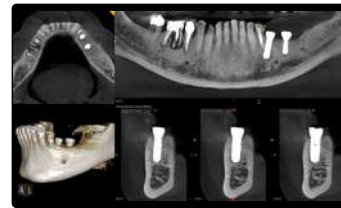
Dual jaw mode 8 cm x 9 cm



Implant planning mode
10 cm x 5 cm



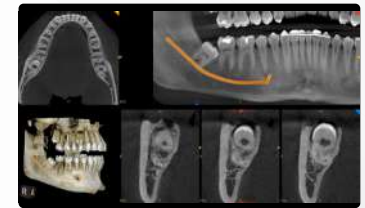
Impacted third molar
10 cm x 10 cm



Implant placement control MAR
12 cm x 5 cm



Periodontitis
12 cm x 10 cm



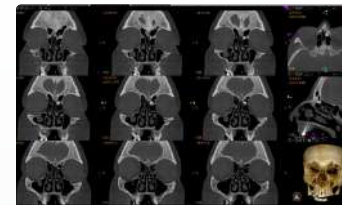
Third Molar Relationship
12 cm x 10 cm



TMJs 16 cm x 6 cm



Full dentition: airway, sinuses and
TMJs 16 cm x 10 cm



ENT Osteoma Sinus
16 cm x 12 cm



Ethmoidal sinusitis
16 cm x 17 cm

For details on the product family related to the Field of View (FOV), see the FOV overviews for the CS 8200 3D Family and CS 9600 (pages 25 and 28).Quudent, andis

Digital extraoral radiography

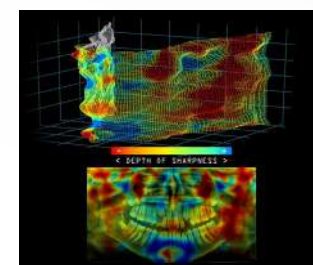
CS 8100

The sleek and simple panoramic unit that's ideal for daily panoramic needs. Blending advanced technologies in an ultra-compact design, the system provides everything you need to capture high-quality, crystal-clear images in seconds.

Features and benefits

- Compact, slim unit – perfect for tight spaces
- Versatile imaging programs cover all your daily panoramic needs
- Use artifact-free image filters to adjust contrast and sharpness with one click
- Acquire images in 10 seconds; then access them instantly
- Convenient and practical face-to-face patient positioning
- Includes our user-friendly and powerful imaging software
- Tomosharp technology - brand new algorithm delivers best images possible for any anatomy
- New family of CS Adapt filters deliver outstanding panoramic and cephalometric images

Product	Cat. No.
CS 8100	5311329
CS Advantage for CS 8100 5 year	1759397
CS Advantage for CS 8100 8 year	1759398
CS Advantage for CS 8100 10 year	1759399
CS Advantage for CS 8100 3 year extension	1759400
CS Advantage for CS 8100 2 year extension	1759401



A new level of sharpness

Our new Tomosharp algorithms - combined with advanced image processing - deliver the best image possible for any anatomy.



CS Advantage



reddot design award
winner 2013

Technical specifications see page 26
Recommended PC requirements see page 47

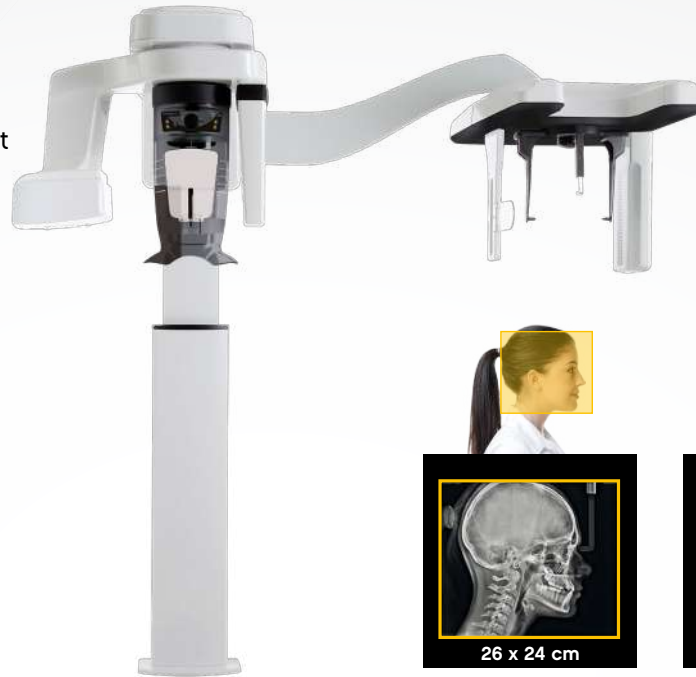
Digital extraoral radiography

CS 8100SC

The unit features the award-winning technology and compact design concept of the CS 8100 system but with the added benefit of advanced cephalometric imaging.

Features and benefits

- Same features as CS 8100 plus cephalometric imaging, offering a range of new diagnostic possibilities
- Unrivalled combination of small size and powerful performance
- Versatile cephalometric image formats: 26 x 24 cm*, 18 x 24 cm and 18 x 18 cm
- Short exposure time reduces patient dose and the risk of motion blur
- Exclusive automatic tracings* for faster diagnosis
- Optimized visualization thanks to orthodontic pre-set filters
- Advanced imaging technology ensures crystal-clear image capture
- Dual sensors – one for panoramic and cephalometric imaging, so there is no need to change the sensor between examinations to ease the process, avoid sensor damages & save time



CS Advantage



Technical specifications see page 26. Recommended PC requirements see page 47

Product	Cat. No.
CS 8100SC	5314349
CS Advantage for CS 8100SC 5 year	1759407
CS Advantage for CS 8100SC 8 year	1759440
CS Advantage for CS 8100SC 10 year	1759441
CS Advantage for CS 8100SC 2 year extension	1759472

*option



Automatic tracing feature* allows you to capture ceph images and trace them in just few seconds.

Digital extraoral radiography

CS 8200 3D Family

A **portfolio of solutions** that match the needs of your dental practice

See the **possibilities...**

- Be more **confident in your diagnosis** and discover better treatment options and planning.
- Increase **patient engagement** and treatment acceptance.
- Perform more in-office procedures to **grow your business**.
- **Easy** to operate and use due to modern, user-friendly design.
- Built on an **open platform** to ensure swift, seamless workflow.



CS 8200 3D Access

Easy to use and advanced CBCT solution that is ideal to enter the world of 3D imaging.



CS 8200 3D Advance Edition

Just picture the possibilities

**Outstanding versatility.
Boosted by AI.**

Our most advanced unit within the CS 8200 3D Family and best-selling solution that can grow with your practice.



CS Advantage



**CAD / CAM
COMPATIBLE**



Digital extraoral radiography

CS 8200 3D Family

CS 8200 3D Advance Edition – Just picture the possibilities

With the broadest field of view in its category, the Advance Edition is the most advanced unit in the CS 8200 3D Family. It offers improved ease of use, an enhanced clinical experience, optimized workflow and increased peace of mind, all leading to more successful outcomes for patients and a future-proof practice.

CS 8200 3D Access – Access your future practice

Introducing an easy-to-use and versatile 4-in-1 CBCT solution, for all your daily needs, without compromise on image quality. Effortlessly enter the world of 3D imaging, getting access to a more confident diagnosis, improved patient care and the possibility of growing your business. Enhance your system with software and services when you are ready.

Technical specifications see page 26. Recommended PC requirements see page 47

4-in-1 versatility



3D model scanning



Upgradable with cephalometric imaging*



CBCT imaging



2D panoramic imaging



Features and benefits

- Up to **eleven** (Advance Edition) and **six** (Access) selectable **fields of view**, covering a comprehensive range from 4 cm x 4 cm to 16 cm x 10 cm (Advance Edition) and 4 cm x 4 cm to 10 cm x 10 cm (Access). See table below.
- Low dose **scout image** (Advance Edition only) to control the imaging area prior to the examination
- **Intuitive user interface**. Pop-ups indicate which accessories should be used for each exam to avoid positioning mistakes.
- **Exclusive CS MAR technology** with live comparison reduces metal artifacts and helps confirm diagnosis and reduces the risk of misinterpretation.
- The **advanced noise reduction** algorithm reduces image noise while preserving clinical details
- The new **low dose panoramic mode** reduces dose up to 50% while delivering crystal-clear images, which is ideal for pediatric and routine exams.
- **EndoHD mode** uses a smaller field of view with lower doses to provide extremely high-resolution images offering up to **75 µm** for a 5 x 5 cm FOV (Access) and up to 8 x 9 cm FOV (Advance Edition). See table below.
- **Exclusive CS UpStream premium support** service available for further peace of mind

FOV sizes (Ø cm x H cm)	4 cm x 4 cm 5 cm x 5 cm	8 cm x 5 cm	5 cm x 8 cm	8 cm x 9 cm	10 cm x 5 cm	10 cm x 10 cm	12 cm x 5 cm	12 cm x 10 cm	16 cm x 6 cm	16 cm x 10 cm
CS 8200 3D Access	✓	✓	N/A	✓	✓ *	✓ *	N/A	N/A	N/A	N/A
Voxel size (microns)	75-150-300	150-300	N/A	150-300	150-300	150-300	N/A	N/A	N/A	N/A
CS 8200 3D Advance Edition	✓	✓	✓	✓	✓ *	✓ *	✓ *	✓ *	✓ *	✓ *
Voxel size (microns)	75-150-300	75-150-300	75-150-300	75-150-300	150-300	150-300	150-300	150-300	150-300	150-300

*option

Digital extraoral radiography

Equipment

Product	Cat. No.
CS 8200 3D	5943212
CS 8200 3D Access	5944863
Scan Ceph for CS 8200 3D	5943238

Option: Digital License at Point of Sale*

Product	Cat. No.
12x10 Edition Lic for CS 8200 3D	5944251
16x10 Edition Lic for CS 8200 3D	5945100
10x10 Edition Lic for CS 8200 3D Access	5944889
CS MAR Lic for CS 8200 3D	5944228
26x24 Lic for Scan Ceph for CS 8200 3D	5944145
Auto Tracing License for CS 8200 3D	5944210

CS Advantage

Product	Cat. No.
CS Advantage for CS 8200 3D 5 year	1759864
CS Advantage for CS 8200 3D 8 year	1759891
CS Advantage for CS 8200 3D 10 year	1759910
CS Advantage for CS 8200 3D 3 year extension	1759911
CS Advantage for CS 8200 3D 2 year extension	1759966

CS Protect for Scan Ceph Module

Product	Cat. No.
CS Protect Scan Ceph Module 5 year	1759942
CS Protect Scan Ceph Module 8 year	1759943
CS Protect Scan Ceph Module 10 year	1759944
CS Protect Scan Ceph Module 3 year extension	1759945
CS Protect Scan Ceph Module 2 year extension	1759946

CS UpStream (for CS 8200 3D Family only)**

Product	Cat. No.
CS UpStream for EO	1759949

Technical specifications CS 8200 3D

Tube voltage	60 - 90 kV
Tube current	2 - 15 mA
Frequency	140 kHz
Tube focal spot	0.7 mm with X-ray tube OPX110 / 0.6 mm with X-ray tube D-067
Total filtration	> 2.5 mm eq. Al
Input voltage (AC)	100 - 240 V 50/60 Hz
Minimum required space	Without ceph arm: 1200 (L) x 1400 (D) x 2400 (H) mm With ceph arm: 2000 (L) x 1400 (D) x 2400 (H) mm
Weight	Without ceph arm: 92 kg (202 lb.), With ceph arm: 127 kg (280 lb.)

	Panoramic Modality	Cephalometric Modality	3D Modality
Sensortechnology	CMOS	CMOS	CMOS
Image field	6.4 x 140 mm (Adult) 6.4 x 120 mm (Pediatric)	6.4 x 263.3 mm	CS 8200 3D Access Field of View (cm): 4 x 4 / 5 x 5 / 8 x 5 / 8 x 9 (10 x 5 / 10 x 10 option) CS 8200 3D Field of View (cm): 4 x 4 / 5 x 5 / 8 x 5 / 8 x 9 (10 x 10 / 10 x 5 / 12 x 5 / 12 x 10 / 16 x 6 / 16 x 10 option)
Gray scale	16384 - 14 bits	16384 - 14 bits	16384 - 14 bits
Magnification	1.2	1.13	1.4
Radiological exam options	Full panoramic, segmented panoramic, maxillary sinus, LA TMJ x 2, LA TMJ x 4	Lateral, frontal AP or PA, oblique, submen-to-vertex, carpus (optional)	Full, upper or lower jaw Full, upper or lower molar Maxillary sinus Occlusion Focused teeth
Exposure mode	4 patient sizes (Child. Adult: small, medium, large) 3 dental arch morphology (normal, square, sharp)	4 patient sizes (Child. Adult: small, medium, large)	High Definition (75 µm), Standard, Fast and low dose
Exposure time	2 to 14 seconds	2.9 to 11 seconds	CS 8200 3D Access: 6s to 15s CS 8200 3D: 3 to 20 sec

*Upgrade License (physical license) can also get purchased later. **Only available in combination with CS Advantage.

Digital extraoral radiography

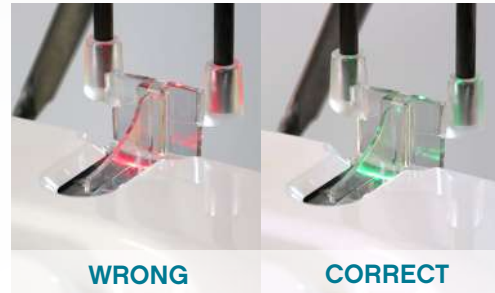
CS 9600

So smart, yet so simple

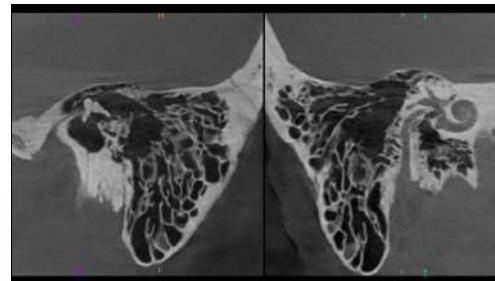
The world's most intelligent CBCT system is smarter and more versatile than ever. It features intelligent innovations and automated workflow technologies to ensure reliable patient positioning and reproducible image quality. For a future the system can grow with your practice – thanks to upgradeable fields of view, versatile imaging options and added-value software.

Features and benefits

- **75 microns resolution on all fields of view up to 10 cm x 10 cm**, providing a full-mouth status in high resolution
- Available in three upgradeable versions – 12 cm x 10 cm, 16 cm x 10 cm, 16 cm x 17 cm
- Patient **positioning with cameras**
- **SmartAuto Pan and SmartAuto 3D** analyze the patient morphology and density to automatically calculate the right exposure settings and trajectory, or to precisely define the field-of-view position
- Sleek **touch screen** and user-friendly interface guiding through the entire exam protocol
- CS MAR automatically **reduces metal artifacts** for better image quality, including exclusive live comparison feature
- Stellar Technology reduces beam hardening artifacts and improve contrast without increasing dose, thanks to the **120 kV X-ray tube** and intelligent filtration
- Capture realistic **3D facial photos** with the optional CS Face Scan, and automatically superimpose the surface scans on CBCT images and 3D models
- **Cephalometric capabilities** using state-of-the-art scanning ceph technology and automatic tracing



INTERACTIVE POSITIONING ACCESSORIES
These unique tools automatically alert the operator when the wrong accessory is used and quickly recommend the appropriate one.



High resolution temporal bone images are very useful in making the diagnosis of inner ear disorders like semicircular canal dehiscence.



CS Advantage



CELLERANT
BEST OF CLASS
TECHNOLOGY AWARD

6 TIME WINNER

**CAD / CAM
COMPATIBLE**



Digital extraoral radiography

5-in-1 versatility



3D model scanning

Upgradable with
cephalometric imaging*

CBCT imaging



2D panoramic imaging



CS face scan



4 cm x 4 cm
5 cm x 5 cm
6 cm x 6 cm



5 cm x 8 cm



8 cm x 5 cm
10 cm x 5 cm
12 cm x 5 cm



8 cm x 8 cm
10 cm x 10 cm



12 cm x 10 cm



16 cm x 6 cm



16 cm x 10 cm



16 cm x 12 cm



16 cm x 17 cm

Flexibility With Up To 14 Fields of View Available

 UPGRADEABLE	CS 9600 12x10 Edition 10 FOVs Available: 4 cm x 4 cm to 12 cm x 10 cm Specialty: General Dentistry, Implants, Periodontics, Prosthodontics, Oral Surgery	✓	✓	✓	✓	✓	Upgradeable	Upgradeable	Upgradeable	Upgradeable
 UPGRADEABLE	CS 9600 16x10 Edition 12 FOVs Available: 4 cm x 4 cm to 16 cm x 10 cm Specialty: Implants, Oral and Maxillofacial Surgery, Periodontics, Prosthodontics	✓	✓	✓	✓	✓	✓	✓	Upgradeable	Upgradeable
	CS 9600 16x17 Edition 14 FOVs Available: 4 cm x 4 cm to 16 cm x 17 cm Specialty: Oral and Maxillofacial Surgery, Orthodontics, Radiology, ENT	✓	✓	✓	✓	✓	✓	✓	✓	✓

FOV upgrades are implemented through a software upgrade—no hardware change is necessary. *Option.

Digital extraoral radiography

Equipment

Product	Cat. No.
CS 9600 12 x 10 unit	5501192
CS 9600 16 x 10 FOV activation	5330568
CS 9600 16 x 17 FOV activation	5330584

Option

Product	Cat. No.
CS MAR	5330626
CS SmartAuto Package (Pan & 3D)	5330667
CS Face Scan	5940069
CS 9600 Advanced Radiologie Kit	5940085
120kV License	5330642
Patient Seat	5501200
Scan Ceph 18 x 24 cm for CS 9600	5942396
Scan Ceph 24 x 26 Option for CS 9600	5942412
Auto Tracing License for CS 9600	5942420
CS UpStream for EO*	1759949

CS Advantage

Product	Cat. No.
CS Advantage for CS 9600 5Y	1759937
CS Advantage for CS 9600 8 year	1759938
CS Advantage for CS 9600 10 year	1759939
CS Advantage for CS 9600 3 year Extension	1759940
CS Advantage for CS 9600 2 year Extension	1759941

CS Protect for Scan Ceph Module

Product	Cat. No.
CS Protect Scan Ceph Module 5 year	1759942
CS Protect Scan Ceph Module 8 year	1759943
CS Protect Scan Ceph Module 10 year	1759944
CS Protect Scan Ceph Module 3 year Extension	1759945
CS Protect Scan Ceph Module 2 year Extension	1759946

Technical specifications

Tube voltage	60 - 90 kV / 60 – 120 kV (optional)
Tube current	2 - 15 mA
Frequency	140 kHz
Tube focal spot	0.3 or 0.7 mm
Total filtration	> 2.5 mm eq. Al
Input voltage (AC)	100 - 240 V 50/60 Hz
Minimum required space (without ceph)	1500 (L) x 2000 (D) x 2200 (H) mm (without seat or when seat is installed on the left) 1900 (L) x 2000 (D) x 2200 (H) mm (when seat is installed on the right)
Minimum required space (with ceph)	2050 (L) x 2000 (D) x 2200 (H) mm (without seat or when seat is installed on the left) 2290 (L) x 2000 (D) x 2200 (H) mm (when seat is installed on the right)
Weight	Without ceph arm: 210 kg – With ceph arm: 240 kg

	Panoramic Modality	Cephalometric Modality	3D Modality
Sensor technology	CMOS	CMOS	CMOS
Image field	6.4 x 140 mm (for adult patient size) 6.4 x 120 mm (for child patient size) 120 x 140 mm (for sinus one-shot exam)	6.4 x 263.3 mm	Field of View (cm): 4 x 4, 5 x 5, 5 x 8, 6 x 6, 8 x 5, 8 x 8, 10 x 5, 10 x 10*, 12 x 5, 12 x 10*, 16 x 6, 16 x 10*, 16 x 12, 16 x 17 * *with tip of the volume
Gray scale	16384 - 14 bits	16384 - 14 bits	16384 - 14 bits
Magnification	1.28	1.13	1.4
Radiological exam options	Full panoramic, segmented panoramic, bitewing, maxillary sinus, LA TMJ x 2, LA TMJ x 4, sinus AP / PA / Lateral, orthodontic panoramic	Lateral, frontal AP or PA, oblique, submento-vertex, carpus (optional)	Tooth / Teeth, Full, upper or lower jaw, TMJ, Face, ENT, Upper cervical spine, Wrist
Exposure mode	4 patient sizes (Child, Adult: small, medium, large) 3 dental arch morphology (normal, square, sharp)	4 patient sizes (Child, Adult: small, medium, large)	HR, Standard, Low Dose

*Only available in combination with CS Advantage

Digital extraoral radiography

Comparative Matrix for Extraoral Range

	 2D	 2D 3D	 2D 3D	 2D 3D	 2D 3D	 2D 3D
	CS 8100 CS 8100SC	CS 8200 3D Access	CS 8200 3D Advance Edition	CS 9600 12x10 Edition	CS 9600 16x10 Edition	CS 9600 16x17 Edition
FOVs (CBCT)	-	6 FOVs available: 4 x 4 cm to 10 x 10 cm*	11 FOVs available: 4 x 4 cm to 16 x 10 cm*	10 FOVs available: 4 x 4 cm to 12 x 10 cm	12 FOVs available: 4 x 4 cm to 16 x 10 cm	14 FOVs available: 4 x 4 cm to 16 x 17 cm
Tomosharp pan imaging	✓	✓	✓	✓	✓	✓
Ceph imaging	✓	✓ *	✓ *	✓ *	✓ *	✓ *
CBCT imaging	-	✓	✓	✓	✓	✓
3D model scan	-	✓	✓	✓	✓	✓
3D facial scanner	-	-	-	✓ *	✓ *	✓ *
CS MAR	-	✓ *	✓ *	✓ *	✓ *	✓ *
CS UpStream	-	✓ *	✓ *	✓ *	✓ *	✓ *
120 kV tube voltage	-	-	-	✓ *	✓ *	✓ *
Practices / Specialties	General practice Orthodontics	General practice Endodontics	General practice Implant Periodontics Orthodontics	General practice Endodontics Implant Oral surgery Periodontics	Implant Oral surgery Periodontics	Oral and maxillofacial surgery Orthodontics Radiology centers Hospitals, ENT

*Option

Software - Standard Imaging Software

CS Imaging Software Version 8

Meet your practice's new imaging hub

Discover a new generation of dental imaging software with CS Imaging version 8 - the platform that provides one-stop access to all of your 2D images, 3D images and CAD/CAM data. As your centralized image library, CS Imaging displays all of your images on a single interface so you can easily manage them without switching between programs. The software offers a faster, more efficient way to access, review and share images so you can present treatment proposals more clearly to patients and increase case acceptance and will auto-update to the latest features.

Video: The New Hub of
Your Practice is Here



<https://www.youtube.com/watch?v=Rt0fLkL1AkE&t=1s>

Video: CS Imaging:
What's New in Version 8



<https://www.youtube.com/watch?v=pdmBnCBPkAk&t=7s>

Product	Cat. No.
CS Imaging 8 Server License - 1 user	5942867
CS Imaging 8 Server License - 10 users	5942933
CS Imaging 8 Server License - 20 users	5942941
CS Imaging 8 Server License >20 users	5942925

*CS Imaging version 8 software connects to multiple IOS acquisition software not developed by Carestream Dental and permits the delivery of intraoral scans from third-party software to CS Imaging

Viewing



Modern, user-friendly design



Powerful dashboard image gallery

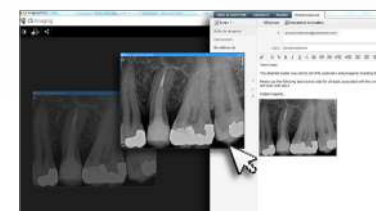


Simultaneous multiple image processing for fast image analysis

Tools & Features



Darkroom mode



Simple image sharing



Straightforward correction



Easy identification of shape, length and direction of root canals in 3D



Endo Mode with Measures



Pano with 2D Measurements, nerve canal and implant simulation

Integrations



3D Imaging and CAD/CAM integration



IO Scanner Link*: Intraoral scanner manufacturers directly integrated with IO Scanner Link and CS Imaging include 3Disc, Dexis, iTero and Medit.



NEW:
Notification
PopUp's about
latest features.

Software - Standard Imaging Software

CS Imaging Software Auto-Update

Stay current, stay secure, do more

New Auto-Update for CS Imaging makes it convenient to always be on the latest version of your software. Updates automatically download so there's no need to request the latest version. You can install updates when you're ready and know you're always benefiting from the latest features of CS Imaging.

Features and benefits

- **Ongoing updates and improvements.** Regular software updates ensure you always have the latest version and features to maximize their benefits for you and your practice.
- **Access new clinical applications**¹ Expand your treatment options and grow your practice with new clinical applications and services.
- **Greater security.** Out-of-date software contains weakness that could open the door to data breaches. Installing CS Imaging updates promptly will help protect your systems and patients' data.
- **Fewer IT hassles.** No need to check or ask for new versions anymore. Once the first Auto-Update version is installed, you can manage all other updates on your own.
- Access **'Try & Buy'** for further clinical software such as CS 3D Imaging Premium, AI Insights, and additional software modules as they become available.
- Notification PopUp's about latest features and other useful information.

How to get it?

The CS Imaging Auto Update is available since June 2024 from CS Imaging Suite 3.14.0.8 / CS Imaging 8.0.26 and onwards.

¹Optional applications and services available for an additional fee.

Included since
June 2024.
Upgrade
recommended for
existing users.



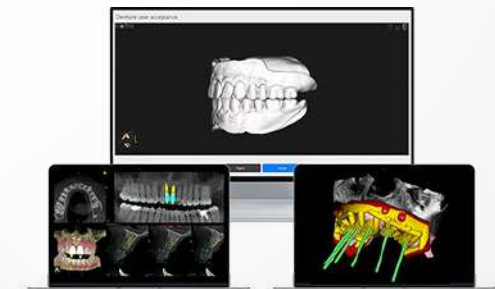
Video: Auto-Update for
CS Imaging Suite



<https://www.youtube.com/watch?v=jNlbqFxt4BU>



Easy software updates: automatically receive software updates and install them easily by your own.



New clinical applications: expand your treatment options and grow your practice thanks to Carestream Dental's full software portfolio.

Software - Standard Imaging Software

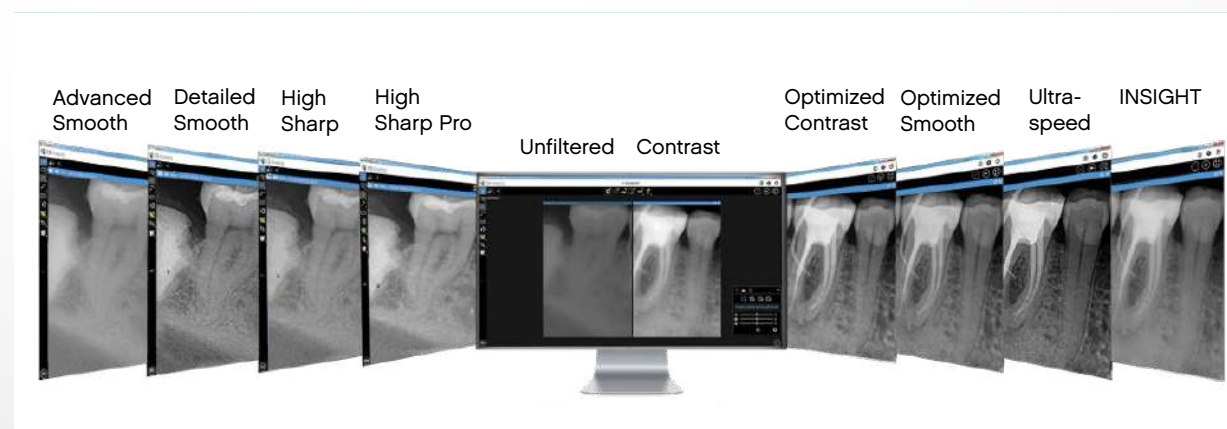
CS Adapt

**Upgrade to more individualised diagnostics.
Imaging that works the way you do.**

The state-of-the-art rendering algorithms of CS Adapt let you decide how you want your images to appear. In addition to letting you choose the look & feel of your images, CS Adapt dramatically improve image quality across the Carestream Dental range.

Features and benefits

- Works on RVG Images (RVG 6200, CS 6200 size 0) and 2D E/O (Pan & Ceph)
 - Six panoramic look-and-feel filter presets
 - Four cephalometric look-and-feel filter presets
 - Six filters for RVG Images
- Ability to define your own look-and-feel
- Intuitive library-style browsing and selection
- State-of-the-art image quality
- No more processing artifacts or “dark halos”
- Same flexibility and quality across devices
- Diagnose faster and more accurately



Software - Standard Imaging Software

CS 3D Imaging Software

Unleash the power of 3D

Featuring advanced functions and applications, the user-friendly program is designed to improve your diagnostic and treatment planning capabilities, plus enhance patient communication.

From implant planning to endodontics - oral surgery to orthodontics – CS 3D Imaging Software gives you everything you need to make the most out of your 3D imaging system. With the new version the workflow is improved with enhanced clinical tools and improved features for an easier, simpler and even more efficient imaging review and treatment planning management.

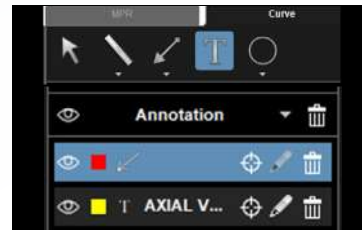
Features and benefits

- Robust Diagnosis and Planning Tools
- Export and share images with referrals including the light viewer
- One-Stop Access to CBCT Images
 - Review and organize images with fewer clicks
 - Intuitive interface makes navigation easy
- Integrates advanced tools:
 - Automatically mapping of mandibular canals and panoramic curves on CBCT scans powered by AI
 - Cephalometric automatic tracings in less than 10 secs.
 - Report Editor for easy diagnostic sharing
 - Film Composer for professional printing including Dicom Printers and PACS
 - Direct planning export to 3rd party software's (SMOP, BSB, ...)
 - Easy Root Canals identification (shape, length & direction)
 - STL Converter to produce printable STL models
- Provide access to CS 3D Imaging Premium Software
(See page 35)

AUTOMATIC
UPDATES WITH
CS IMAGING 8



Simplified User Interface, optimized working tabs and new horizontal toolbar



Annotations and drawing tools



Report Editor: easy and flexible templates



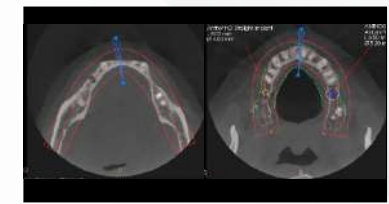
Implant Library with >120 manufacturers



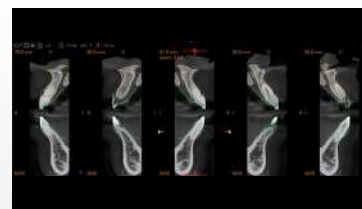
Automatic nerve canal tracing - AI driven



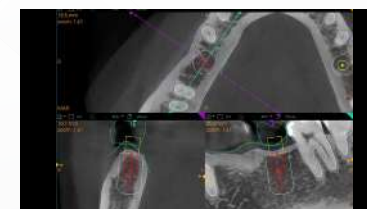
Easy identification of shape, length and direction of root canals in 3D



Automatically trace two jaw arches - AI driven



Cross-Slice-Flip on Mid Sagittal Line



360° rotation around an implant



Specific Workspace for TMJ analysis (Bilateral Slicing)

Premium Software - Optional Modules

CS 3D Imaging Premium

From CBCT data to confident decisions

CS 3D Imaging Premium is a set of additional AI-driven tools and services to help practitioners plan implants faster, automate tasks and simplify case sharing. Those add-ons extend existing CS 3D Imaging applications and are fully integrated to CS 3D Imaging standard version. Premium features are only available as a 90-days free-trial or with a subscription plan

Features and benefits

- Faster, automated AI-driven planning for up to 4 implants side-by-side simultaneously
- Perform background bone and teeth segmentation and labeling while working
- Export of segmented objects
- Airway analysis (CS Airways)
- Streamline workflow by automating manual tasks
- Create implant planning on the spot for faster case presentation
- Present treatment options to the patient in just a few clicks
- One-click transfer of full 3D case data to other practitioners
- Fully integrated into CS 3D Imaging for a smoother workflow
- 90-days free trial to test our premium features
- Implant Planning Report creation

Link to website to discover latest updates:

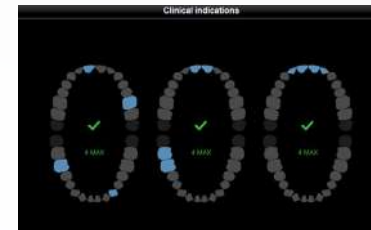
[CS 3D Imaging Premium | Carestream Dental](#)

Product	Cat. No.
CS 3D Imaging Premium 1 Year	5945274

AUTOMATIC
UPDATES WITH
CS IMAGING 8



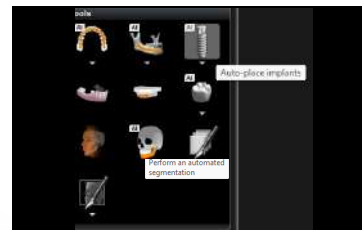
AI-powered implant placement in a 3-step workflow



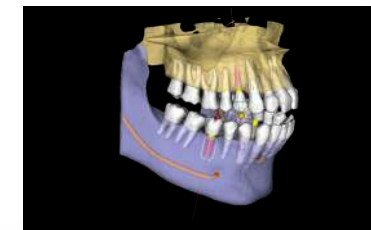
Place up to 4 implants side-by-side simultaneously



Soft tissue auto-matching from an IOS scanner or STL files for optimal implant placement



AI bone and teeth segmentation in the background allows for continuous work



Maxilla and mandible are segmented



Individual tooth labeling



Virtual tooth extraction



Seamless case sharing with up to 3 doctors via email



Export segmented objects and more, plus launch surgical guides in 1 click

Software - Standard Imaging Software

True Automatic Ceph Tracing

Reach new levels of accuracy and speed for cephalometric image tracing

To save time and make case planning even easier, the exclusive True Automatic Ceph Tracing, recognizes anatomical structures and traces them automatically. The software delivers the solution to one of the biggest challenges for dental professionals: to draw the cephalometric tracing for their patients

Features and benefits

- Provides full automated tracings for 2D cephalometric images, helping to quickly assess the complexity of the case
- Turns cephalometric images into tracings in just a few seconds, saving valuable time and giving faster results
- Covers the most common analysis needs
- Enables personalization of tracings and creation of templates



1) Choose which analysis should get performed



<https://youtu.be/dIRaWAeGyHQ>



2) All landmarks are visible, and measurements are shown



3) New tracings can get created in addition to the existing ones get performed



4) New Measurements easily can get created



5) Perform superimpositions demonstrating treatment development



6) Patient communication with superimposition results showing treatment success



7) Superimposition Report generation with possibility to add on notes & comments



8) Clean image displaying treatment development



9) Landmarks can get adjusted any time

Software - Standard Imaging Software

Sharing Options: Film Composer & Report Editor

CS Film Composer

CS Film Composer allows to create compositions of digital images on pages that can be printed on paper/film, saved as PDF, or saved to a PACS. Compositions are arranged using pre-defined templates which determine the arrangement of image cells, page size and background color and the placement of headers and footers on the page. You can use CS Film Composer to customize and create your own templates, and then apply them to your compositions.

Features and benefits

- Flexibility allowing changes before printing
- Live Image Adjustments like zoom, brightness and contrast
- Configurable headers and footers, that can display free text or image information
- Possibility to include a graphic to display the practice logo
- Displays Buccal/Lingual orientation indicators where applicable
- Units of measure are displayed

New Report Editor

New Report Editor: 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.

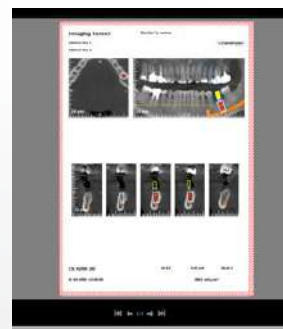
Users can simply drag and drop the images into the template they've created. As for the Film Composer, it can be sent to a printer or saved as a PDF file.



Template Editor



Film composer with black background



Film composer with white background

Premium Software - Optional Modules

AI Insights

Unlock the Power of Artificial Intelligence in Your Practice

Using the power of Artificial Intelligence technology, AI Insights is a cloud-based service providing dental practitioners a powerful new tool for the analysis and reporting of panoramic and / or intraoral X-Ray Images (RVG 5200 & RVG 6200). Delivering consistent, reliable detection and automatic radiographic reports, AI Insights reduces undiagnosed and untreated instances, enabling dental professionals to diagnose more confidently and increase revenue, ultimately delivering better patient outcomes for a successful practice CAD software.

Features and benefits

- Automated X-Ray high-quality analysis for improved consistency
- Seamless integration into CS Imaging version 8 software
- Reporting in seconds for patient documentation or insurance claims
- Grow your practice diagnose and treat more pathologies reducing untreated cases
- Intuitive user interface with color-coded visualizations of findings
- Engage with patients improving their trust and treatment acceptance

Product	Cat. No.
AI Insights License for Panoramic 1 Y	5944624
AI Insights License for IO 1 Y	5945092



Modern, intuitive user interface

1. X-ray with detections
2. Interactive dental chart
3. Editable list of detections
4. Generate a report

TEST IT >>
28 Days Try & Buy



Pathologies:

- Caries/decays
- Periapical radiolucency
- Mandibular Canal Proximity
- Perio Pro (Bone Loss)

Non pathological:

- Fillings
- Crowns
- Implants
- Bridges
- Root-canal fillings



Optional service. AI Insights is available in the following countries: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, UK. To know the availability in your country please contact your Carestream Dental representative.

Premium Software - Optional Modules

Prosthetic-Driven Implant Planning Module (PDIP)

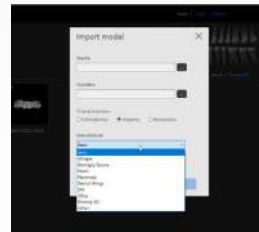
Faster, more confident Implant Planning

Prosthetic-Driven Implant Planning with CS 3D Imaging is designed to make implant placement simple – delivering optimal results to ensure confidence and improve predictability of treatment outcomes.

Features and benefits

- Ability to visualize placement of implant in relation to bone and restoration
- Digital workflow improves efficiency, safety and communication
- Implant positioning based on ideal future restoration, not the other way around
- Ensures patient's prosthetic needs, functional requirements and anatomical constraints are considered during implant planning
- Direct export to SMOP and Blue Sky Bio for data, matching, and implant position
- New export capabilities allowing dentist to share their implant planning project in a format compatible with leading implant planning software used by Labs
- Open to STL / PLY Format Files for importing impression scans
- Access over 115 implant manufacturers, create custom implants and share planning with labs

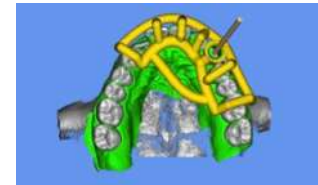
Product	Cat. No.
PDIP-5 activations	5321930
PDIP-2 activations	5321948



Simply select the indication and scanner to import the model



Plan implants with optimal restoration in mind



Export in one click to surgical guide software or as separate volume and planning for sharing



smop
powered by **swissmeda**

BlueSkyBio

Discover a simpler workflow:



Premium Software - Optional Modules

CS Airway

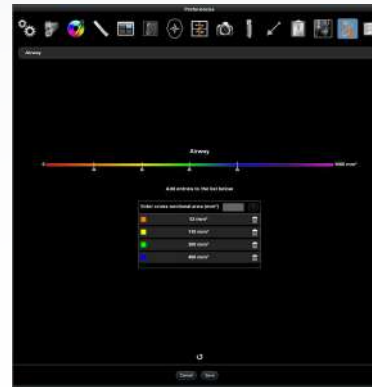
Clear Visualisation. Fast Analysis.

Enhanced communication.

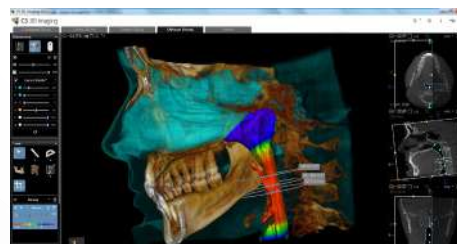
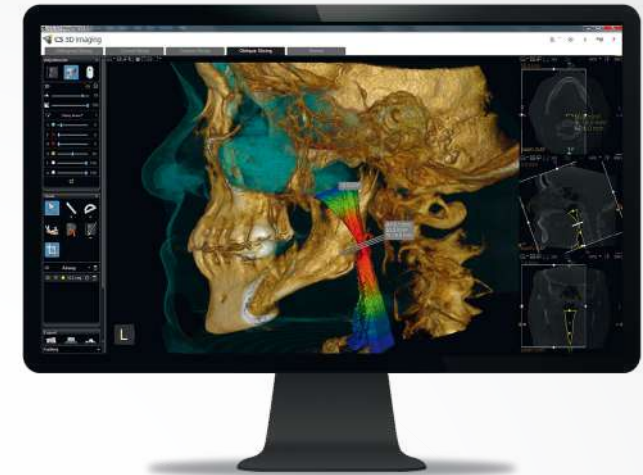
Use 3D imaging for quick and simple airway analysis.

Features and benefits

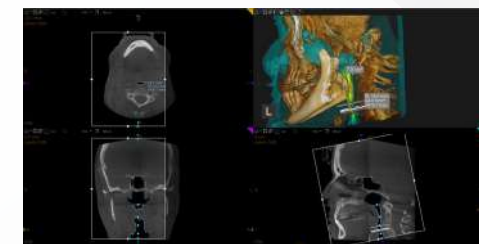
- Simplifies airway analysis by providing segmentation in as little as two clicks
- Automatically calculates total volume, minimal cross-sectional area, anterior/posterior and left/right measurements
- Displays and updates measurement values in real time



Customizable Airway parameters in preferences. Is possible to add area interval and fine tune the color palette according with personal choices.



Volume can be cropped to "reveal" the airway with the corresponding measures



When centered in a specific measurement, the planes will be angled accordingly

Product	Cat. No.
CS Airway - 5 activations	5500582
CS Airway - 2 activations	5500590

Standard Software

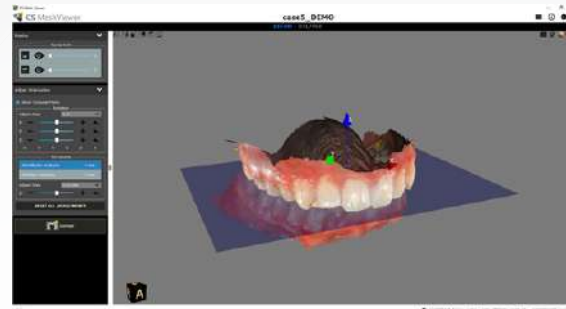
CS Mesh viewer

Speaks any lab language

The CS Mesh Viewer software enables you to open .STL or .PLY files created by many Intraoral Scanners, desktop Scanners and impressions scanned using Carestream Dental CBCT units.

As well CS Mesh Viewer is able to open .DCM CAD/CAM files generated when importing .STL or .PLY files into CS Imaging 8 for implant planning in PDIP. If the bite information is present when importing the original files, the bite will be also visible in the software.

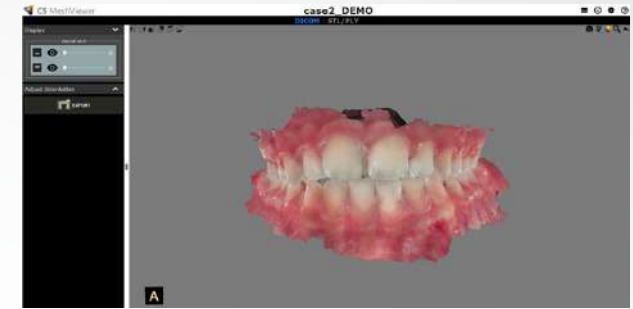
The CS Mesh Viewer also incorporates an orientation converter, which enables the reorientation of the mesh to make it compatible with some lab's specific CAD/CAM software's.



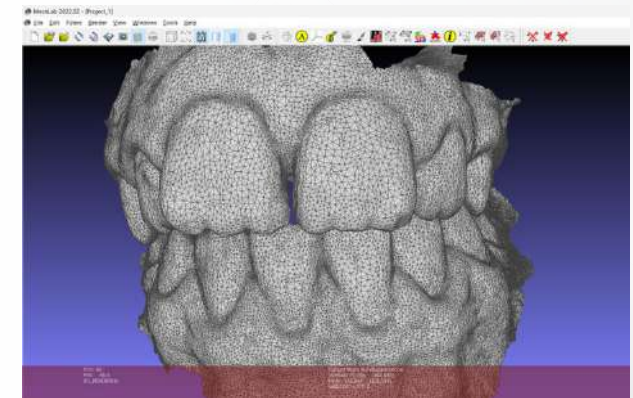
Occlusal plane and axes orientation can be displayed



How to export the file as .DCM, .STL, or .PLY



Scan from an IO Scanner in DICOM (.DCM) format



Detail of the mesh generated in MeshLab

Standard Software

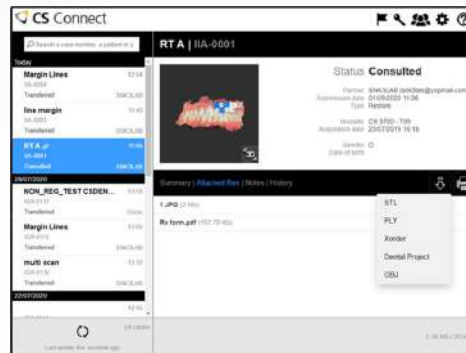
CS Connect

Contactless data transfer

Discover a faster, more secure way to exchange information. With CS Connect, export data with one click to your referrals or preferred lab via this online portal, eliminating shipping and manual tasks and streamlining your workflow. CS Connect not only gives you the freedom to choose which lab you want to use, but it also gives the lab freedom to use their preferred CAD software.

Features and benefits

- One-click Integration to third-party Labs
- Transfer STL, PLY, OBJ, Xorder (DWOS), and Dentalproject (exocad) to any lab of your choice
- Simplifies the workflow with integrated customizable online forms
- 14 days of cloud storage
- Send data anytime and access datasets from anywhere
- The cloud-based CS WebViewer allows the lab to view the dataset



CS Connect v4 download options



Texture enabled



Texture disabled

Standard Software

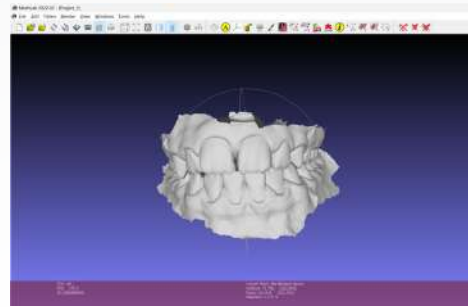
CBCT STL Converter

Accurate 3D models plus broad diagnostic capabilities

Using the CS 9600, CS 8200 3D, CS 8100 3D and CS 9300, you can scan traditional impressions to create high precision 3D models quickly and easily.

Features and benefits

- Precise scanning, even in hard-to-reach areas, for superior clinical results
- Digital impressions with an average resolution of 30 µm
- Works with any A-silicon impression material
- Covers single tooth indications (full crown, inlay, onlay)
- Intuitive interface and dedicated platform for fast and precise scanning
- Open STL format fits any workflow



CBCT exported STL opened in a free STL viewer application (Meshviewer)



Three simple steps to a 3D model



Radiology & Hospital Environment

CS Imaging 8 DICOM Server

Full DICOM integration for Intraoral and Extraoral equipment including a powerful 2D/3D Review Station

CS Imaging DICOM Server has been developed to address the needs of users in a DICOM environment, including hospitals, radiology centers and ENT practices, using RIS to organize acquisitions and PACS as archiving systems.

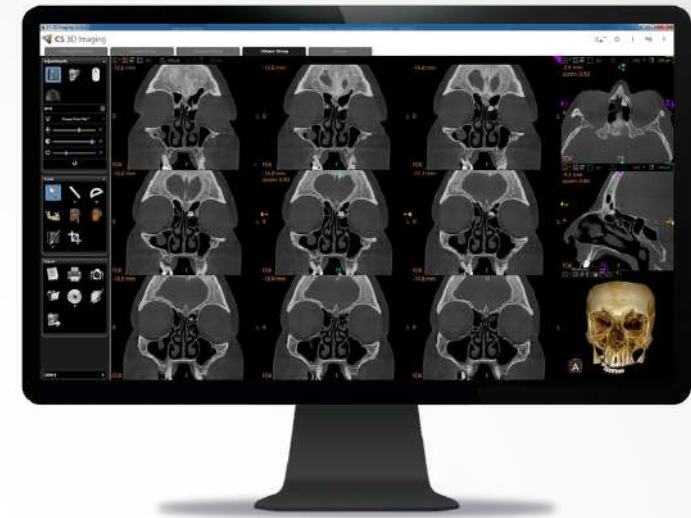
Features and benefits

- DICOM interoperability provides the ability to use CS Imaging 8 as an acquisition and/or review station in a DICOM environment
- Featuring a unique common search engine for RIS acquisitions, local and PACS images which improves the whole workflow, user experience and facilitates like never before search and review
- Automatic transfer of acquired images to a PACS. Each image type can be sent to a different PACS (Intraoral, Extraoral 2D or CBCT 3D)
- Manually transfer CS Imaging 8 images to the PACS is also possible.
- Search the worklist from multiple RIS (one RIS at a time)
- Query/retrieve on multiple PACS (one at a time) and store to CS Imaging 8
- Annotations can be sent to PACS for images for in "presentation" state.

The following DICOM services are supported with CS Imaging Software version 8 DICOM Server:

- Modality Worklist (SCU)
- DICOM Query/Retrieve (SCU)
- DICOM Storage (SCU/SCP)
- DICOM Modality Performed Procedure Step (MPPS)
- DICOM Storage Commitment (SC)
- DICOM Print (SCU) using Film Composer
- DICOM Dose Structured Report (SR)

Product	Cat. No.
CS Imaging 8 DICOM Server License - 1 user	5942958
CS Imaging 8 DICOM Server License - 10 users	5942974
CS Imaging 8 DICOM Server License - 20 users	5942982
CS Imaging 8 DICOM Server License >20 users	5942966



Radiology & Hospital Environment

CS Acquisition

Streamlined workflow for oral, maxillofacial and ENT imaging in DICOM environments.

The first software for dental and ENT applications that addresses the unique imaging needs of radiologists. Designed to acquire images quickly and easily, CS Acquisition transforms Carestream Dental oral, maxillo-facial and ENT imaging systems into radiological modalities.

Features and benefits

- Familiar, time-saving radiology workflow
- Acquire dental/ENT images the same way as any other radiology modality
- Integrates seamlessly with DICOM systems
- Easy access to patient procedure dashboard
- Automatic film printing (via Film Composer)

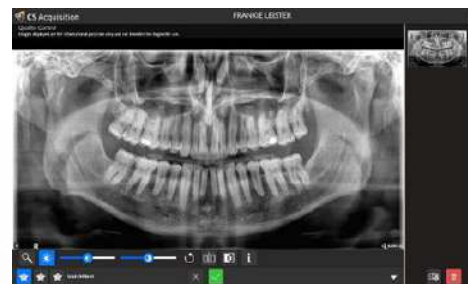
Supported DICOM Class services

- Modality Worklist SCU
- Modality Performed Procedure Step SCU
- Store SCU
- Storage Commitment SCU
- DICOM Print SCU (via Film Composer)



Intuitive User Interface

1. Patient, Procedure, and transfer list status
2. Sorting criteria of the worklist
3. Search within the results returned by the RIS
4. Manual patient data entry



2D Quality Control panel



Patient Procedure Dashboard (depends on unit configuration)

1. Launch acquisition
2. Access patient history
3. Review rejected images
4. Post processing (Quality Control, CS MAR reconstruction, transfer and print images)



3D Quality Control panel

Product	Cat. No.
CS Acquisition	5310438

Software Overview

Product	Description	Specialty	Features	Benefits
CS Imaging Software Version 8	The new hub of your practice with Auto Update functionality.	All	- All images in one place, no need to switch between programs - Intuitive interface with Darkroom mode - Auto-arrange function - AI for arch & Nerve tracing	- Improved workflow, spend less time searching for images - Improves diagnostic comfort - Faster workflow, fewer clicks
CS Adapt (included in CS Imaging Software)	Customisable enhancement imaging filters for RVG, CR, panoramic and cephalometric images.	All	- Define your own image look and feel - State-of-the-art image processing - Intuitive filter library for easy selection	- Faster and more accurate diagnosis - Reduced risk of misdiagnosis - No more processing artefacts/dark halos
Auto Tracing (included in CS Imaging Software)	Customisable cephalometric tracing software.	Ortho, Maxillofacial surgery, ENT	- Automatic tracings - Several methods of analysis available - Adaptable to your needs	- Immense time saving - Choose the analysis you're familiar with
CS 3D Software (included in CS Imaging Software) CS 3D Imaging Premium (Optional Module)	State of the art 3D software with viewing, arch and nerve tracing, implant simulation and printing capabilities. Optional premium AI functionalities for AI implant and crown placement, bone and teeth segmentation, plus seamless case sharing.	All, Implantology, ENT	4 working tabs from easy to specific diagnostics needs - MPR/3D rendering - Implant simulation - Export, print and CD creation	- Intuitive and easy to use - Low learning curve 3rd party interface - Stand-alone viewer makes image sharing easy
Film Composer & Report Editor (Included in CS 3D Software)	Export images into PDF format and print.	All, ENT	- Export to PDF - Film Composer: Print 1:1 on DICOM Printer - Customisable templates	- Improved communication and case acceptance - Better diagnostics - Report Editor: Easy to use for enhanced patient communication
CS Airway (Optional module of CS 3D Software)	Optional CS 3D module for quick and simple airway analysis.	ENT, Maxillofacial surgery, Ortho, Sleep Apnea	- Airway segmentation - Automatic calculation of total volume, minimal cross-sectional area, anterior/posterior and left/right measurements - Customised colour	- Clear constrictions visualisation - Simplified clinicians experience - Easy adjustment of parameters - Safer examinations
AI Insights (Optional module of CS Imaging Software)	Artificial intelligence cloud-based service to aid dentist for confident and consistent diagnostics to increase patient treatment acceptance.	All	- AI-driven panoramic & intraoral X-Ray analysis and reporting - Fully automatic process - Color-coded visualization of findings - Integrated in CS Imaging 8 software	- Consistent, high-quality results - Significant time savings in reporting and documentation - Facilitate patient communication and case acceptance - All patient data and images in one place
Prosthetic Driven Implant Planning – PDIP (Optional module of CS 3D Software)	Optional CS 3D module as an integrated digital implant solution for more predictable diagnoses and higher confidence when placing implants.	GP's, Implantology	- Automatic merge of digital impression and CBCT data - Implant positioning based on ideal future restoration - Compatible file formats STL and PLY	- Predictable outcome - Faster treatment - Increased case acceptance - Open Export Format for 3rd party surgical guide creation
CS Mesh Viewer (Free independent software)	Free STL viewer/export software.	All, Implantology, ENT	- Supports DICOM, PLY and STL filters - Allows orientation changes	- Maximise return on investment for CBCT equipment - Easy sharing with 3rd party software
CS Connect (Free cloud-based transfer solution)	A secure on-line portal to send digital impressions data to any laboratory.	All	- Secure data transfer - Online forms - Easy communication with labs	- Integrated workflow - Cost savings - Customisable forms
CBCT STL Converter (Included in CS 3D Software)	Allows high quality STL export of silicon impressions or stone models acquired with CBCT scan.	All, Implantology, ENT	- High quality STL export - Free Mesh Viewer software	- Maximise return on investment for CBCT equipment - Easy sharing capabilities
CS Imaging 8 DICOM Server	Full DICOM integration for Intraoral and Extraoral equipment providing DICOM worklist, DICOM storage SCU/SCP, DICOM Query/Retrieve and DICOM print SCU.	Radiology centers, Hospitals, ENT	- DICOM 3.0 compliant - DICOM Client / Server Architecture - Single image gallery for local and PACS images	- Powerful 2D/3D Dental Review WS - Seamless integration with DICOM systems - Feature-rich 3D review workstation that improves reading and diagnostic speed
CS Acquisition	Optimized DICOM workflow for extraoral and 3D equipment providing DICOM worklist, DICOM Storage SCU/SCP and DICOM print SCU.	Radiology centers, Hospitals, ENT	- Independent application - Embedded visualisation tools for quality control - Works with extraoral imaging systems	- Easy integrations of dental modalities in DICOM environments - True radiology-like workflow - Time saving (query, acquire, control, print)

Recommended PC requirements

Always refer to equipment documentation for latest requirements updates

	CS Imaging Version 8 Server configuration	CS Imaging Version 8 Client configuration	CS 3D Imaging Standard viewing	CS 3D Imaging Premium for AI processing	CS 8100 Family acquisition	CS 8200 3D Family acquisition	CS 9600 to manage acquisition	CS 1300, RVG 5200, RVG 6200, CS 6200, CS 7200, CS 7600
CPU Processor	Intel Core i3 8th generation or equivalent Inter Core i5 8th generation for CS Dicom Server	Intel Core i3 8th generation or equivalent	Intel Core i3 8th generation or equivalent	Intel Core i5 11th generation or equivalent	Intel Core i5 10th generation with 6 cores	Intel Core i5 10th generation with 6 cores	Intel Core i5 10th generation with 6 cores	Intel Core i3 8th generation or equivalent
RAM	8 GB	8 GB 16 GB for CS MAR	4 GB minimum 8 GB recommended	8 GB minimum 16 GB recommended	16 GB	16 GB 32 GB for CS MAR	8 GB 16 GB for AI 32 GB for CS MAR	4 GB minimum 8 GB recommended
Hard Disc drive SSD recommended for SW installation	20 GB for installation. Image repository not included. SSD for CS Dicom	20 GB for installation	20 GB for installation	20 GB for installation	20 GB for installation 20 GB to perform acquisitions	250 GB for installation 20 GB to perform acquisitions	500 GB for installation	20 GB for installation
GPU Graphics Card	Any. If also performing acquisition look product requirements.	1 GB video RAM dedicated GPU. Supports Open Gl 3.2 or higher.	NVIDIA 2 GB video RAM dedicated GPU	NVIDIA 6 GB video RAM dedicated GPU	NVIDIA 4 GB video RAM dedicated GPU	NVIDIA 4 GB video RAM dedicated GPU	1 GB video RAM dedicated GPU. Supports Open Gl 3.2 or higher.	1 GB video RAM dedicated GPU. Supports Open Gl 3.2 or higher.
Monitor	19" HD (1280x720)	19" HD (1280x720)	19" Full HD (1920x1080)	19" Full HD (1920x1080)	19" Full HD (1920x1080)	19" Full HD (1920x1080)	19" Full HD (1920x1080)	19" HD (1280x720)
Operating system	Windows 10, Windows 11 64 bit, (maximum of 20 stations with CS Imaging) Professional version of Windows is highly recommended Windows Server 2012 or 2012 R2 Windows Server 2016 Windows Server 2019 Windows Server 2022	Windows 10, Windows 11 64 bit, Windows Server 2012 or 2012 R2 Windows Server 2016 Windows Server 2019 Windows Server 2022	Windows 10, Windows 11 64 bit, Professional	Windows 10 Windows 11 64 bit Professional	Windows 10 Windows 11 64 bit Professional	Windows 10, Windows 11 64 bit Professional	Windows 10 Windows 11 64 bit Professional	Windows 10 Windows 11 64 bit Windows Server 2012 or 2012 R2 Windows Server 2016 Windows Server 2019 Windows Server 2022
Ethernet Interface	For 2D images transfer 100 Mb/s network For 3D volumes transfer 1Gb/s network	For 2D images transfer 100 Mb/s network For 3D volumes transfer 1Gb/s network	For 3D volumes transfer 1Gb/s network	For 3D volumes transfer 1Gb/s network	2 ethernet network interfaces: 1 for unit connection 1 Gb/s 2 for LAN connection 100Mb/s	2 ethernet network interfaces: 1 for unit connection 1 Gb/s 2 for LAN connection 1 Gb/s	1 Gb/s recommended	For 2D images transfer 100 Mb/s network
Backup media	Regular backups required for patient database and image repository on external hard drive, network drive (NAS) or cloud storage				Regular backups required for patient database and image repository on external hard drive, network drive (NAS) or cloud storage	Regular backups required for patient database and image repository on external hard drive, network drive (NAS) or cloud storage	Regular backups required for patient database and image repository on external hard drive, network drive (NAS) or cloud storage	Regular backups required for patient database and image repository on external hard drive, network drive (NAS) or cloud storage

Looking for an imaging solution?

We're confident we have the ideal solution for every practice!

- A full range of dental radiography and imaging systems
- 125 years' experience in dental imaging
- In-house product development and manufacturing
- Worldwide dealer and service network
- The inventor of intraoral sensor technology
- High quality standards

Would you like to know more?

carestreamdental.com

Alternatively, contact your local authorised dealer.

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Check out our other brands:

Clinical Solutions: swissmeda.com



Practice Management Solutions: gosensei.com

