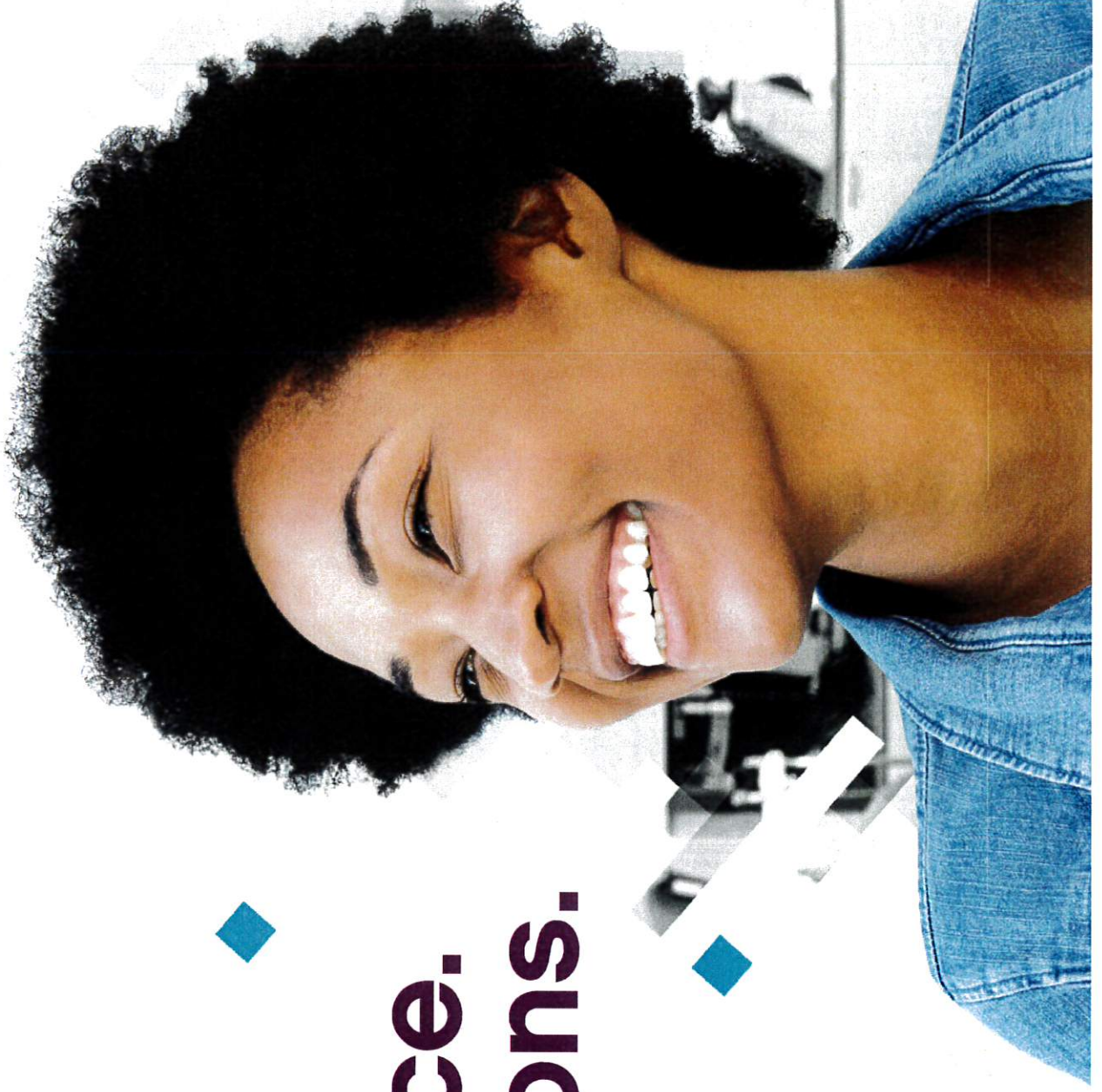


PRODUCT GUIDE

Your Practice. Your Solutions.

1/2023



Recommended PC requirements

	CS Imaging Version 8 Server Configuration	CS Imaging Version 8 Client Configuration	CS 3D Imaging Standard Application	CS 3D Imaging with PDIP Module	CS 8100 Family / CS 8100 3D Family - Acquisition	8200 3D / CS 8200 3D / Scan Cephal / Neo Edition - Acquisition	CS 9600 - Computer needed for managing the Acquisition	CS 1200, CS 1500, RVG 6200, CS 7200, CS 7600
CPU	Intel Core i3 or equivalent; Intel Core i5 (CS DICOM)	Intel Core i3 or equivalent	2.4 Ghz Intel Duo Core	Intel Core i7-2600 (2nd generation) processor	9th Generation Intel Core i5-9500 6 cores (3 GHz base Frequency, up to 4.4 GHz with Intel® Turbo Boost Technology)	2.4 Ghz Intel Duo Core	Intel Core i7-2600 (2nd generation)	Intel Core i3 or equivalent
RAM	8 GB	8 GB (16 GB for CS MAR)	4 GB recommended, 2 GB minimum	8 GB memory	16 GB	16 GB	8 GB (16 GB for CS MAR option)	8 GB (16 GB for CS MAR)
Hard disc drive	20 GB free space (image repository not included). SSD is recommended for CS DICOM			300 MB free space on system disk; 1.5 GB for implant library; 7200 RPM hard drive with SATA interface storage	4 GB for software installation 500 GB free space to use the software	250 GB free space on a local disk for software installation Minimum 20 GB free space for one acquisition	500 GB	
Graphic board	Any	Dedicated Graphic Card with Minimum 512 MB Video RAM	NVIDIA/ATI based graphics card with 512 MB of RAM supporting OpenGL v2.0	Dedicated graphics card with 1 GB of memory supporting OpenGL v3.2 AMD/ATI and Intel graphics chips are not supported	Cuda version 10.1 or higher, Compute capability 3 or higher, Nvidia based board on PCI Express video bus with minimum 4 GB of video RAM	Cuda 11.6 compatible with 4 GB of dedicated video RAM	Any GPU with 1GB RAM that is compatible with Open GL 3.2.	Dedicated Graphic Card with Minimum 512 MB Video RAM
Display	1024x768 min. screen resolution - 32-bit color mode	1024x768 min. screen resolution - 32-bit color mode	17" or larger; 1024 x 768 minimum screen resolution; 32 bit color mode	17" or larger; 1024 x 768 minimum screen resolution; 32 bit color mode	1280 x 1024 minimum screen resolution	1600 x 900 (landscape mode only)	1024 x 768 minimum screen resolution; 32 bits color mode	1024x768 min. screen resolution - 32-bit color mode
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 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
Ethernet interface		In cases where the image database is located on a different computer than the CS Imaging installation, network requirements will be different: • If no 3D volumes are present, then use at least 100 BaseT network bandwidth (100Mb/s) for a 2D environment. • If 3D volumes are present, then use 1000 BaseT network bandwidth (1Gb/s).		100 Mb/s Ethernet network interface	2 Ethernet interfaces: 1 Gb/s Ethernet board for the connection with the unit*. Another optional Ethernet board for a LAN connection.	2 Ethernet interfaces: 1 Gb/s Ethernet board for the connection with the unit*. Another optional Ethernet board for a LAN connection.	recommended 1 Gbps	In cases where the image database is located on a different computer than the CS Imaging installation, network requirements will be different: • If no 3D volumes are present, then use at least 100 BaseT network bandwidth (100Mb/s) for a 2D environment. • If 3D volumes are present, then use 1000 BaseT network bandwidth (1Gb/s).
CD/DVD drive			DVD-ROM drive for installation; CD burner for data export.	DVD-ROM drive for installation; CD burner for data export		A DVD burner drive is required.	A DVD burner drive is required.	
Backup Media					Removable/portable, external hard disk drive	Removable/portable, external hard disk drive	Removable/portable, external hard disk drive	
USB Ports								USB 2.0 or USB 3.0

Software Overview

Product	Description	Specialty	Features	Benefits
CS Imaging Software Version 8	The new hub of your practice.	All	- All images in one place, no need to switch between programs - Intuitive interface with Darkroom mode - Auto-arrange function	- 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)	State of the art 3D software with viewing, measurements, nerve tracing, implant simulation and printing capabilities.	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 (Included in CS 3D Software)	Export images into PDF format and print.	All, ENT	- Export to PDF - Print 1:1 - Customisable templates	- Improved communication and case acceptance - Better diagnostics
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 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
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 (Optional module of 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)