Carestream
DENTAL

Kodak Dental Imaging Software v6.12.26.0
Minimum System Requirements*

Carestream Dental strongly adheres to compliance with Microsoft Windows operating systems and hardware compatibility found at http://www.microsoft.com/whdc/hcl/default.mspx Only non-emulated Windows operating systems and hardware listed in this document have been fully tested and certified with Kodak Dental Imaging Software.

Product	Hardware	Supported Operating Systems
Dedicated Image Server	▶ Pentium 4, 3.2 GHz, 2 GB system RAM ▶ 1 TB available disk space (RAID setup recommended) ▶ DVD drive ▶ Ethernet 100/1000 NIC ▶ 1024 x 768 32-bit video card and supporting monitor ▶ Gigabit Ethernet switched network recommended	<u>32 or 64-bit</u> Windows 2008, Windows 2008 Server R2 Windows 2003 Server, Windows 2000 Server <u>32-bit only</u> Windows XP Pro SP3, XP Media Center SP3
RVG 5x00/6x00 Sensor or CS 1500/CS1600/CS1200 Intraoral Cameras	▶ Pentium 4, 3.2 GHz,1 GB system RAM ▶ 40 GB free disk space (80 GB recommended) ▶ DVD drive ▶ Ethernet 100/1000 NIC ▶ Available high-speed USB 2.0 port ▶ 128 MB video card (256 MB recommended) Supporting DirectX 9.0c *-For RVG 6500 see Install Guide (SM728)*	<u>32 or 64-bit</u> Windows Vista: Business, Ultimate, Enterprise Windows 7: Professional, Ultimate, Enterprise <u>32-bit only</u> Windows XP Pro SP3, XP Media Center SP3
CS 9000 Panoramic/Cephalometric Acquisition PC	▶ Intel Core2 Duo 2 GHz, 2 GB system RAM ▶ 40 GB free disk space (80 GB recommended) ▶ DVD drive ▶ Two Ethernet 100/1000 NIC's ▶ 256 MB nVidia video card supporting CUDA on AGP x8 video bus ▶ Monitor supporting 1280 x1024 resolution, 32-bit color	<u>32 or 64-bit</u> Windows Vista: Business, Ultimate, Enterprise Windows 7: Professional, Ultimate, Enterprise <u>32-bit only</u> Windows XP Pro SP3, XP Media Center SP3
8000 Panoramic/Cephalometric Acquisition PC, Ethernet or PCI	▶ Pentium 4, 3.2 GHz, 1 GB system RAM ▶ 40 GB free disk space (80 GB recommended) ▶ DVD drive ▶ 1024 x 768 32-bit 128 MB video card (256 MB recommended) and supporting monitor **Ethernet version additional requirements** ▶ Two Ethernet 100/1000 NIC's **PCI version additional requirements** ▶ One 100/1000 Ethernet NIC ▶ Available full height PCI slot and RS232 serial port ▶ Windows 32-bit OS	**8000 Ethernet version:** <u>32 or 64-bit</u> Windows Vista: Business, Ultimate, Enterprise Windows 7: Professional, Ultimate, Enterprise <u>32-bit only</u> Windows XP Pro SP3, XP Media Center SP3 **8000 PCI version <u>limited</u> to 32-bit OS:** Windows XP Pro 32 bit**,** Windows Vista 32-bit: Professional or Enterprise
3D Software Viewing Workstation	▶ Intel Core2 Duo 2 GHz, 2 GB system RAM (4 GB recommended) ▶ 80 GB free disk space (250 GB recommended) ▶ DVD RW drive ▶ Ethernet 100/1000 NIC ▶ nVidia GTS 450 ▶ 17" Monitor supporting 1280 x 1024, 32-bit color	<u>32 or 64-bit</u> Windows Vista: Business, Ultimate, Enterprise Windows 7: Professional, Ultimate, Enterprise <u>32-bit only</u> Windows XP Pro SP3, XP Media Center SP3
CS 7400 System or 1000 Intraoral Camera	▶ Pentium 4, 3.2 GHz,1 GB system RAM ▶ 40 GB free disk space (80 GB recommended) ▶ DVD drive ▶ Ethernet 100/1000 network card ▶ Video card 64 MB (128-256 MB recommended) ▶ Available USB 2.0 port ▶ Windows 32-bit OS	<u>32-bit only</u> Windows XP Pro SP3, Vista: Business SP2 Windows 7: Professional, Ultimate, Enterprise

CS 7600 Scanner Acquisition Workstations	• Pentium 4, 3.2 GHz,1 GB system RAM • 40 GB free disk space (80 GB recommended) • DVD drive • Ethernet 100/1000 network card • Available USB 2.0 port • 256MB nVidia or ATI video card supporting Glide 1.2	<u>32 or 64-bit</u> Windows Vista: Business, Ultimate, Enterprise Windows 7: Professional, Ultimate, Enterprise <u>32-bit only</u> Windows XP Pro SP3, XP Media Center SP3
CS 9000 3D or 9500 3D CBCT Acquisition PC	3D Acquisition PC is Supplied by Carestream Dental	

Kodak Dental Imaging software is tested for backward compatibility with the following hardware:

Intraoral Sensors
Trophy RVG UI USB

Video Capture Cards (Win XP 32-bit only)
Hauppauge Model 401 & Impact VCB

Digital Cameras:
P712, 7590, 6490 Camera System
Canon G10 - G11, XSI and T1I

Intraoral cameras
Trophy STV, STV Pro, STV Pro2, 1000

Extraoral Radiograph
TrophyPan

Notes and functional requirements:

* A note about minimum system requirements: this document lists the lowest functional specifications for our hardware and software. To assure optimal performance and future upgrade capability more system RAM, higher end graphics cards, and faster CPU's are suggested.

- Microsoft Word 2000- 2007, Outlook or Outlook Express installed and configured (AOL Communicator not recommended)
- Installed and up to date Antivirus (some configuration may be needed for optimal performance: Heuristic and real time or office hours scanning disabled)
- High speed Internet connection for remote support
- Photo quality printer and or flat bed scanner with transparency adapter recommended
- Backups and restore system in place: We suggest that you perform a nightly backup on removable media and keep that media in a fireproof safe off-site.
- A Uninterruptable Power Supply with shutdown software installed at the server machine is recommended.
- Consult a qualified IT professional about a RAID system installation for your image server
- Acquisition PCs for large pan/ceph and 3D CBCT units are built for these units and should not have any additional peripherals installed or attached to them. Items include scanners, printers, RVG sensors and intra oral cameras.
- For optimal performance with the 3D Viewer application, the minimum recommended video card is the nVidia GeForce 450GTS or higher. If this or any other higher quality video board is unable to be used it may be substituted with a 512MB Glide 1.2 compatible video card with reduced performance.

Windows XP, Vista and 7 compatibility notes:

- Microsoft Windows Vista and Windows 7 are not server-class operating systems and must not be used as data servers.
- When comparing minimum system requirements between Carestream Dental hardware, Carestream Dental software or Windows, use the superior hardware specification.
- RVG Synchro Link only works with RVG UI-USB drivers using KDIS 6.12.15 and cannot be installed or used in conjunction with any other RVG sensor.
- The CS 7400 requires KodakDent 2.5 for Windows 7 support.
- No Home versions of Microsoft Windows are tested or supported
- Windows XP 64-bit is not supported for any Carestream Dental hardware or software.
- The following products are known not to be compatible with Microsoft Windows 7:
  - o 9500 Cone Beam 3D System
  - o Hauppauge model 401 and Impact VCB Video Capture Cards
- The following products are known not to be compatible with Microsoft Windows Vista:
  - o Trophy ISA cards that control sensors, cameras, or Digipan cassettes.
  - o Hauppauge model 401 and Impact VCB Video Capture Cards