Carestream Dental strongly adheres to compliance with Microsoft Windows operating systems and hardware compatibility. Only operating systems and hardware listed in this document have been fully tested and certified on WinOMS. Hardware and software listed in this table is recommended for new purchases. Before purchasing any equipment, please review the latest system requirements located online at: http://www.carestreamdental.com/documentation/sysReqs/WinOMS.pdf.

<table>
<thead>
<tr>
<th>Dedicated Server</th>
<th>Hardware</th>
<th>Supported Operating Systems</th>
</tr>
</thead>
<tbody>
<tr>
<td>(reserved to run the DATABASE SOFTWARE)</td>
<td>X86 or x64 CPU Dual-Core, 4 GB RAM (8 GB Recommended), 100 GB available disk space, 3D accelerated video card, DVD drive, Ethernet 10/100/1000 network card, 2 or more powered USB 2.0 ports, Additional PCI Express, AGP or USB 2.0 expansion slots may be required.</td>
<td>Windows Server 2008 Standard Edition, 32/64 bit, Windows Server 2008 R2, Windows Server 2003 Standard Edition, SP 2, 32/64bit</td>
</tr>
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<thead>
<tr>
<th>Workstation</th>
<th>Hardware</th>
<th>Supported Operating Systems</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>X86 or x64 CPU Dual-Core, 2 GB RAM (4 GB Recommended), 40 GB available disk space, 3D accelerated video card, DVD drive, Ethernet 10/100/1000 network card, 2 or more powered USB 2.0 ports, Port(s) appropriate for printer and scanner connectivity, Standard LCD monitor capable of 1280x1024 screen resolution, Additional PCI Express, AGP or USB 2.0 expansion slots may be required, DB9 serial port for Anesthesia Vitals Monitor</td>
<td>Windows 8 Professional, 32 bit, Windows 7 Professional, 32 bit and 64-bit, Windows Vista Business, SP 2, 32-bit and 64-bit, Windows XP Professional, SP 3, 32-bit</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Tablet PC</th>
<th>Hardware</th>
<th>Supported Operating Systems</th>
</tr>
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<tbody>
<tr>
<td>(intended for use with the Point-of-Care Module)</td>
<td>Intel Pentium M 2.0 GHz or faster, 1 GB RAM, 40 GB available disk space, DVD drive, Ethernet 10/100/1000 network card, Wireless WAN card supporting 802.11b or faster, Port(s) appropriate for printer and scanner connectivity, Point-of-Care requires a minimum 768x1024 screen resolution</td>
<td>XP Tablet PC edition, 2005, SP3, Windows Vista Business, SP 2, 64-bit, Windows 7 Professional, 32-bit and 64-bit</td>
</tr>
</tbody>
</table>

### Additional and Add-on Modules for WINOMS Software

- **Anesthesia Records Module**
  - CUSP Compatible Criticare B100E nGenuity. (Contact Criticare customer service to determine whether your vitals monitor is CUSP compatible), 9-pin Male/Female Null-modem Serial cable. Criticare DB-9 Bluetooth device is supported. Manhattan USB-to-Serial Adapter and 9-pin Male/Female Null-modem Serial cable requires purchase from Criticare to ensure proper cable; USB extension cable extends up to 50 feet.

- **Data Export**
  - Microsoft Excel 2007, SP2 or 2010 alone or as a part of a Microsoft Office 2007 or 2010 Edition. Having multiple versions of Microsoft office throughout the practice may cause document incompatibilities and is not recommended.

- **Digital Consents**
  - Topaz Signature Pads: USB connections recommended; Serial connections NOT supported (i.e. T-LBK575, HSB).
  - Topaz Systems SignatureGem LCD 4x3 model: T-LBK755-HSB or T_LBK755-HSB-R. Topaz Systems SignatureGem LCD 4x3 model: T-LBK456-HSB.

- **Image, Document, and ID Card Scanning**
  - Scanners listed on page 2 have been certified with WinOMS software. Any TWAIN compliant scanner is acceptable. Network scanners are not supported. Duplex and multi-page features supported for documents and ID cards. Image scanning requires a flatbed scanner with a full-sized transparency adapter.

- **Optical Ticket Scanning**
  - Epson GT 1500 Workforce, or Epson Perfection v700 Photo

- **Printers**
  - Local and network printing are supported. Printers listed on page 2 have been certified with WinOMS software, but any HP LaserJet printer using the HP PCL 6 driver is acceptable. For chart labels choose a Laser or Dot Matrix Label printer.

- **Automated Statements**
  - eClaims, ePayments, ePrescriptions, eReminders, eVerifications
  - MAGTEK credit card reader (USB or serial) only available from Carestream Dental.

- **CARESTREAMOMS Imaging Software**
  - Image Server, Image Capture Station
  - WinOMS has a one way bridge to Dental Imaging Software and is not the recommended imaging software platform. CS OMS Imaging Software is our recommended, fully integrated solution.

- **Mail Merge**
  - Microsoft Word 2007, SP2 or 2010 or as a part of a Microsoft Office 2007 or 2010 Edition. Having multiple versions of Microsoft office throughout the practice may cause document incompatibilities and is not recommended.

- **MasterWorks LearnCenter**
  - High-speed broadband internet connection, Internet Explorer 7.0 or higher. MasterWorks LearnCenter additionally requires a sound card, speakers, headset with microphone, Adobe Flash Player 9, Java®/JRE 5.0

- **NEA FastAttach**
  - NEA FastAttach software version 3.2 or higher. CARESTREAM e-Claim Service. Windows XP Professional, Windows Vista, Windows 7 or above without Terminal Services or Citrix. High-speed broadband internet connection, Internet Explorer 6.0 or higher.

- **Point-of-Care Module**
  - Tablet PC, Wireless Local Area Network (LAN)

- **PEARL**
  - Supported devices are the iPhone 3G and 3Gs, and BlackBerry Bold, Torch and Curve. iPod Touch (current generation) devices will run PEARL, but require a Wi-Fi data connection and have no native phone/text support.

- **QuickBooks Software Module**
  - QuickBooks Pro 2013.
The following additional hardware and software has been certified with previous versions of WinOMS software:

Operating Systems:
Microsoft Windows XP Professional, SP2, 32-bit
Microsoft Windows Vista Home Premium, Enterprise, Ultimate 32-bit
Windows XP Tablet PC Edition, 2005
Microsoft Windows 7 Professional, Ultimate 32-bit
Microsoft Windows 8 Professional, 32-bit

General Printers:
HP Color LaserJet CP4005 Printer Series with HP PCL 6 driver
HP LaserJet P4555 or 3005d Printer Series with HP PCL 6 driver
HP LaserJet Pro 200
These printers, while discontinued by HP, are approved for use with WinOMS: 1012, 1300, 1320, 2200, 2340, 4000, 4050, 4100, 4200, 4250, 4350.
Label Printers:
Brother QL-500
Seiko SLP 420, 430, 440, 450
TRUFORM Software Module: Adobe Acrobat 6, 7, 8.1 (full version)

Image Scanners (with Transparency Adapters):
Epson Perfection v700 Photo
These scanners, while manufacturer discontinued, are approved for use with WinOMS: HP ScanJet 4 C/T; Microtek Scanner II; Epson Expression 800, Epson Expression 1600, Epson Expression 1680 Professional, Epson Perfection 4990 Photo

Anesthesia Vital Signs Monitors:
Criticare Connect Bluetooth Adapter
Criticare B1000h (nCompass)
Criticare B1000e (nGenuity)
Criticare 506 NT3 (not ECG compatible)
These monitors, while discontinued by Criticare, are approved for use with WinOMS: Criticare Poet Plus B1000, Criticare 507EL Scholar (not ECG compatible)

Topaz Signature Pads
USB Serial connections NOT supported (i.e. T/LBK462-B-R)
SignatureGem LCD 4.3 model: T/LBK755-HSB / T/LBK755-HSB-R.
SignatureGem LCD 1.5x Model: T/LBK462-HSB.

Notes & Recommendations:

- **Digital Forms Module:** Adobe Acrobat version 9.0 or higher (full version), Topaz signature capture plug-ins for Adobe Acrobat, Internet connection. Topaz Systems SignatureGem LCD 4x3 model T/LBK755-HSB or T/LBK755-HSB-R. SignatureGem LCD 1.5x Model T/LBK462-HSB.
- **iConsult OMS Module**
  - iPad 3 and Wireless Local Area Network (LAN)
  - This module requires Carestream OMS Imaging software to transfer images to the iConsult mobile app.
- **Lexicomp**
  - High-speed broadband internet connection (recommended) and Internet Explorer 7.

December 18, 2013
- **Anesthesia Record Integration:** Criticare Vital Sign Monitors contain a Female serial port connection while standard workstations contain a Male Serial Port connection. Manhattan USB-to-Serial Adapter and 9-pin Male/Female Null-modem Serial cable requires purchase from Criticare. Please consult with Criticare for Manhattan USB-to-Serial Converter support on a per monitor basis. USB extension cable extends up to 50 ft.

- **Document and ID Card Scanning:** Automatic document feed (ADF) is recommended. Download and install the latest TWAIN driver from the manufacturer’s website before using. Apply the latest driver for Ambir DS487-AS from [www.ambitechnology.com/drivers/487patch.exe](http://www.ambitechnology.com/drivers/487patch.exe).

- **General Printing:** Download and install the latest HP PCL 6 driver from the manufacturer’s website before using.

- **Patient Workspace:** Patient Workspace requires a minimum 1024 x 768 screen resolution. For best visibility of Patient Workspace and Patient Dock, select monitors and video cards that deliver 1280 x 1024 resolution. To run Patient Workspace on a tablet PC in portrait orientation, a minimum 1024 horizontal screen resolution is required.

- **Topaz Systems Signature Pads:** “BSB-R” = Both Serial and USB “BSB-R” = RoHS compliant or lead free.

- **Terminal Services:** Not a supported environment. Please contact CS WinOMS Technical Support department for recommendations.

- **Microsoft Windows 8 operating system:** This operating system has been certified for Workstations with all modules of the CS WinOMS software.