Windent Platinum strongly adheres to compliance with MICROSOFT WINDOWS operating systems and hardware compatibility. Only operating systems and hardware listed below have been fully tested and certified on Windent Platinum software. System Requirements are updated regularly. Before purchasing any equipment, please review the latest requirements located here: http://www.carestreamdental.com/documentation/sysReqs/Platinum.pdf.

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| **Server** | **Minimum Hardware** [1]<br>• Intel Pentium 4 or better<br>• 4 GB RAM or higher<br>• 60 GB available disk space without Windent Imaging<br>250 GB available disk space with Windent Imaging<br>• DVD-ROM drive<br>• On-Board Dual Gigabit Network Adapter<br>• 1024x768, 32 bit capable video card<br>• Standard CRT/LCD monitor with a minimum of 1024x768 screen resolution<br>• Mouse/keyboard (multimedia not supported)<br>• UPS/Surge suppression hardware<br>• Anti-virus software & Security Firewall<br><br>**Recommended Hardware**<br>• Dual or Quad Core Xeon 3.0 GHz or better<br>• 4 GB RAM or higher for 32 bit OS<br>8 GB RAM or higher for 64 bit OS<br>• 120 GB available disk space w/o Windent Imaging<br>500 GB available disk space with Windent Imaging | **Supported Operating Systems** [2]<br>**Single Location Server:**<br>Windows Server 2003 SP2+<br>Windows Server 2008<br>Windows Server 2008 R2 (Recommended)<br><br>**Multi Location Server:**<br>Windows Server 2008 with 5 Client Access Licenses (CALs) & Terminal Services Licenses (TALs) for Remote Communication |
| **Workstation**<br>(without digital imaging) | **Minimum Hardware** [1]<br>• Intel Pentium 4 or better<br>• 3 GB RAM or higher<br>• 6 GB available disk space<br>• DVD-ROM drive<br>• On-Board Dual Gigabit Network Adapter<br>• 1024x768, 32 bit capable video card<br>• Standard CRT/LCD monitor with a minimum of 1024x768 screen resolution<br>• Mouse/keyboard (multimedia not supported)<br>• UPS/Surge suppression hardware<br>• Anti-virus software & Security Firewall<br><br>**Recommended Hardware**<br>• Intel Core 2 Duo 2.6 GHz or better<br>• 4 GB RAM or higher<br>• 6 GB available disk space | **Supported Operating Systems** [2]<br>Windows XP<br>Windows Vista<br>Windows 7 |
| **Clinical Workstation**<br>(with digital imaging) | **Minimum Hardware** [1]<br>• Intel Core 2 Duo 2.6 GHz or better<br>• 4 GB RAM or higher<br>• 6 GB available disk space<br>• DVD-ROM drive<br>• On-Board Dual Gigabit Network Adapter<br>• 1024x768, 32 bit capable video card<br>• Standard CRT/LCD monitor with a minimum of 1024x768 screen resolution<br>• Mouse/keyboard (multimedia not supported)<br>• UPS/Surge suppression hardware<br>• Anti-virus software & Security Firewall | **Supported Operating Systems** [2]<br>Windows XP<br>Windows Vista<br>Windows 7 |

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## System Requirements for Included or Add-on Features, Modules and Services

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| **Networking** | • TCP/IP Network Protocol<br>• DHCP Installed & Enabled<br>• Twisted Pair RJ-45 Network Cable (CAT-5)<br>• 16-port gigabit Network Switch<br>• Wireless Access Point for wireless connectivity.<br>Minimum : Wireless G<br>Recommended : Wireless N<br><br>**Remote Office Connection**<br>• Connect via T1 and VPN<br>• Windows Server 2008 with 5+ Client Access Licenses (CALs) & Terminal Services Licenses (TALs) for Remote Communication<br>• Print Server (multi-port) for remote printing<br>• Separate Static & Public IP Address for remote printing<br>• Wyse Terminal Network Station or a PC with MS Office for Terminal Access will be needed for any terminal at the remote site to take full advantage of software features such as digital signing, pen post, and voice recognition. |
| **Electronic Services**<br><br>E- Claim Service<br>E- Statement Service<br>Real Time Services<br>E- Payment Services<br>E-Verify<br>Online Patient Web Registration<br>NEA [3] | High-speed broadband internet connection (recommended) and Internet Explorer 6.0 or higher.<br><br>Real time services requires a high-speed broadband internet connection.<br><br>56K external modem are required for some Canadian eServices.<br><br>MagTek (USB or Serial) or Scan Technologies (PS/2) credit card reader for e-payment service available only from Carestream Dental. |
| **Microsoft Software** | Microsoft .NET Framework 3.5 Service Pack 1 or higher needs to be installed on all computers. The Management Console is needed to take full advantage of all software features. This is provided with the Windent Platinum install. (Must be installed manually from the Management Console on Server 2008 R2 64-bit)<br><br>Microsoft Office is required to take full advantage of all software features. The following versions are approved for use with Windent Platinum:<br><br>• Microsoft Office 2003 Professional (2003 Home is not supported)<br>• Microsoft Office 2007 Professional (2007 Home is not supported)<br>• Microsoft Office 2010 Home and Business or Professional (2010 Home and Student is not supported) |
| **Backing Up Your Data** | It is your responsibility to back up your data daily. In the event of data corruption, fire, theft or loss your backup may be the only way to restore your office records. Use a Windows-compatible backup system capable of backing up Windent software, data and images. Contact a Windent Sales Representative for information on Windent's eBackup Solution. Otherwise you should consult with your hardware representative or technical service provider to ensure that your data backup system is adequate, thoroughly tested, and guaranteed to function correctly. |
| **General Printing** | **Laser Printers**<br>HP Printers compatible with PCL 5E or PCL6 drivers such as:<br>• HP P3005<br>• HP 4015N (with second large paper tray & automatic envelope feeder)<br><br>**Color Printers**<br>HP Color Printers compatible with PCL 5E or PCL6 drivers<br><br>Contact the manufacturer for information on print drivers compatible with your operating system.<br><br>**Label Printers**<br>Dymo 450 Turbo Label Printer |
| **PEARL** | The following handheld devices are approved for use with PEARL :<br>• iPhone 3G<br>• iPhone 3G S<br>• iPhone 4<br>• iPod Touch (3rd Generation)<br>• Blackberry 88xx<br>• Blackberry Curve 88xx, 85xx<br>• Blackberry Javelin 8900<br>• Blackberry Bold 9000<br>• Blackberry Bold "2" 9700<br>• Blackberry Tour 9600<br>• Blackberry Storm 1 & 2<br>• Blackberry OS 6 devices<br><br>PEARL for iPhone has a minimum iPhone OS requirement of v3.1 |

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| **Vitals Monitor** | The following monitors are approved for use with Windent Platinum :<br><br>**Criticare** (requires null modem cables available at Radio Shack)<br><br>Poet Plus 8100<br>Ngenuity 8100E<br>Scholar II 501E<br>Scholar III 507E |
| **Scanning** | Any TWAIN compliant scanner with a full-sized transparency adapter. Some recommended models include:<br><br>• **Image Scanning** : EPSON Perfection v700 PHOTO<br>• **Document Scanning :** Canon DR5010c or Fujitsu F1 6130<br>• **ID Card Scanning :** Biz Card Reader 900C (4x6)<br><br>Contact the manufacturer for information on print drivers compatible with your operating system. |

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## Footnotes

**1. Server and Workstation**

- A dedicated server that is not used as a workstation is strongly recommended.
- In general, performance can be improved by doing any or all of the following: increasing the amount of memory (RAM) on a workstation or server; replacing the hard drive with a newer, larger, faster model; upgrading the CPU to a faster speed.
- Disk compression or other utilities should not be used.
- Enroll in Windent eBackup services or perform a nightly backup on removable media and keep that media in a fireproof safe off-site.

**2. Operating Systems**

Before installing any operating system in your practice, please check the system requirements for all software and hardware devices used by your office for compatibility.

**a. Small Business Server**

Windows Small Business Server editions are not supported

**b. Windows Home Operating Systems**

Windows Home editions are not supported.

**c. 64-bit operating systems**

The following 64-bit operating systems have been tested and approved for use with Windent 8.5

- Windows Server 2003
- Windows Server 2008 R2 (.NET must be installed manually from the Management Console)
- Windows Vista
- Windows 7

**3. NEA Integration Requirements**

- High-speed broadband internet connection. Modem connectivity is not supported for these services.
- Internet Explorer 6.0 or higher.
- A means of digitizing images - either digital radiography or a TWAIN compliant scanner with a transparency adapter.
- Electronic claim service is required.
- NEA FastAttach software version 2.76 or 2.77.
- Desktop computer running Windows XP Professional SP2 or Windows XP Media Center without Terminal Services or Citrix.
- Running FastAttach 2.76 or 2.77 on Windows Server 2003 SP2 is supported but not recommended by NEA. FastAttach may work in other environments but is not guaranteed.
- See www.nea-fast.com for further information

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