

# GED Only Technical Requirements

**Warning**



This document is designed for test centers that will deliver GED exams exclusively. If the test center will deliver exams for other clients, they should follow the guidelines in the [PVTC Technical Requirements](#).

**Warning**



**On January 14, 2020, Pearson VUE will no longer provide support for Pearson VUE software installed on Windows 7 operating systems, or any 32-bit operating systems.**

All existing sites must upgrade to **Windows 10 64-bit OS** for all test center equipment prior to January 2020. Starting **January 1, 2019**, all new test centers are required to install on Windows 10 OS.

### About the Installation Scenarios

This document describes the minimum hardware requirements to install the Pearson VUE Testing System (VTS) software in a Pearson VUE Authorized Test Center certified to deliver the GED program. The VTS software may be installed in one of two configurations: **Workgroup scenario** or **Server scenario**. Whichever scenario is installed, the hardware and software must meet Pearson VUE's minimum requirements as shown in the [System Requirements](#) on page 7.

**Warning**  If your site is installing in a **Workgroup scenario** you are limited to no more than 15 exam delivery workstations. If you are installing on more than 15 exam delivery workstations you must use a **Server scenario**, which requires a **Windows server OS**.

**The following items are strictly prohibited:**

- **Mac** hardware running any operating system
- **Laptops are strictly prohibited as servers**

**Laptops may only be used for exam delivery machines if the test center delivers GED exams exclusively.** If exams for other clients will be delivered, then standard desktop workstations must be installed.

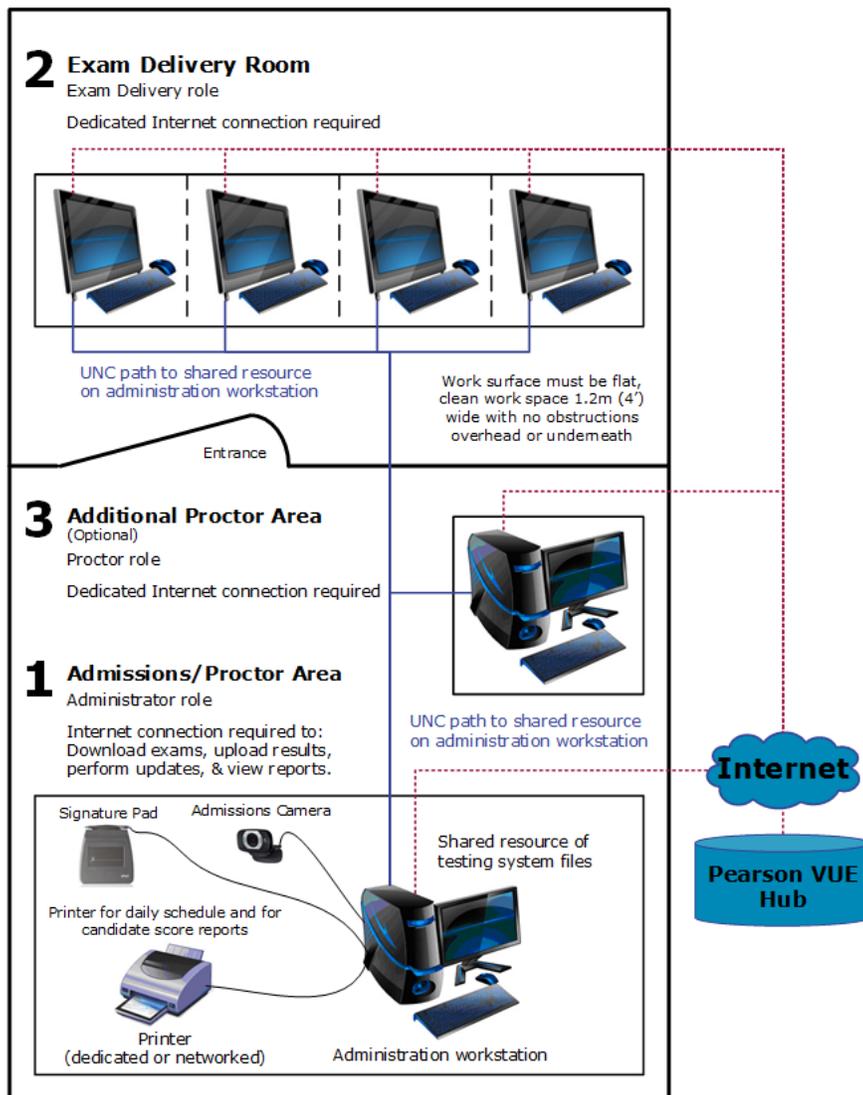
Any Windows user account that interacts with the VTS software on the **Server, Administration, Proctor** or **exam delivery workstation** is **required** to have **local administrator rights** on that workstation. This includes both installing and running the VTS software.

## Workgroup scenario installation – Desktop

In a Workgroup scenario installation, exam delivery workstations are connected through a local area network (LAN) or workgroup to the Administration workstation which provides shared file storage. This is illustrated below.

**Warning**  **A Workgroup scenario may only use up to 15 exam delivery workstations.** If you will be installing more than 15 workstations, you must use a Server scenario shown on the following page.

**Pearson VUE Authorized Center**  
 Workgroup Scenario  
 Multiple computers workgroup/network



## Workgroup scenario installation – Laptop

In a Workgroup scenario installation, exam delivery laptops are connected through a local area network (LAN) or workgroup to the Administration laptop which provides shared file storage. This is illustrated below.

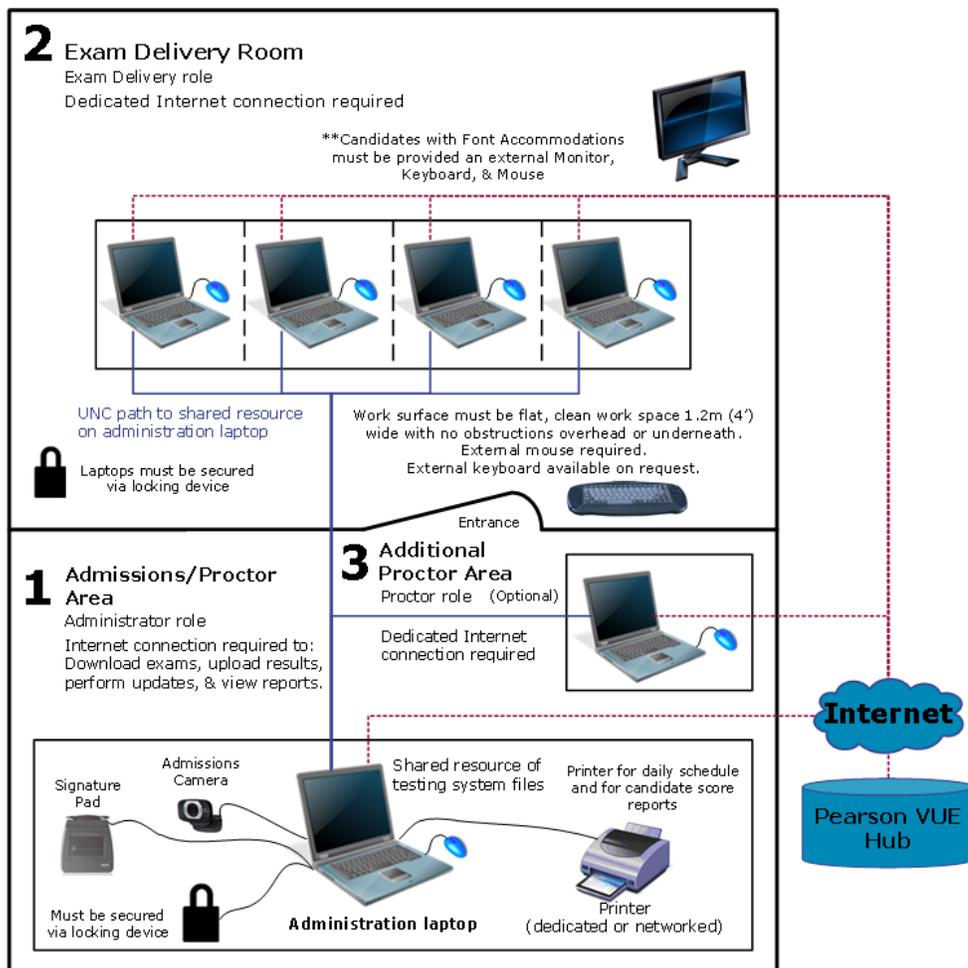
**Warning** A Workgroup scenario may only use up to 15 exam delivery laptops. If you will be installing more than 15 laptops, you must use a Server scenario shown on the following page.



Pearson VUE Authorized Center – Mobile Laptop Lab

Workgroup Scenario

Multiple computers workgroup/network



**Warning**



Laptops may only be used as exam delivery, Administration and Proctor machines. **Laptop Servers are strictly prohibited.**

## Server Scenario Installation – Desktop

In a Server scenario installation, all exam delivery workstations are connected through a LAN, and a file server provides shared file storage. This is illustrated below. (Server scenario refers to a setup type and is not related to an Operating System.)

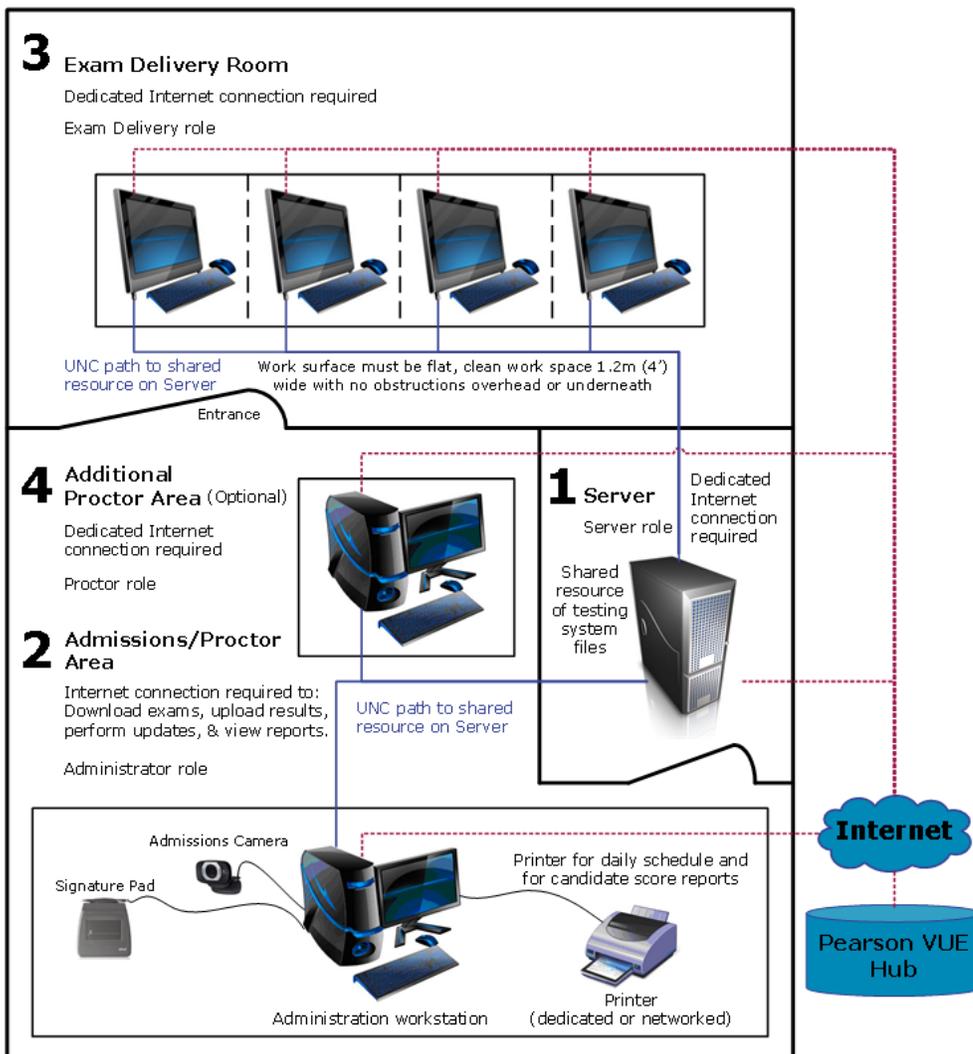
**Warning**



You must use a **Server scenario** if you have more than **15 exam delivery workstations**. A server operating system, such as Server 2016 or 2012 R2, is required for more than 15 exam delivery workstations.

**Pearson VUE Authorized Center**

Server Scenario  
Multiple computers  
local area network (LAN)



## Server Scenario Installation – Laptop

Laptops may be used in a Server scenario if you connect to a desktop server. Laptops may only be used as exam delivery, Administration and Proctor machines. Laptop Servers are strictly prohibited.

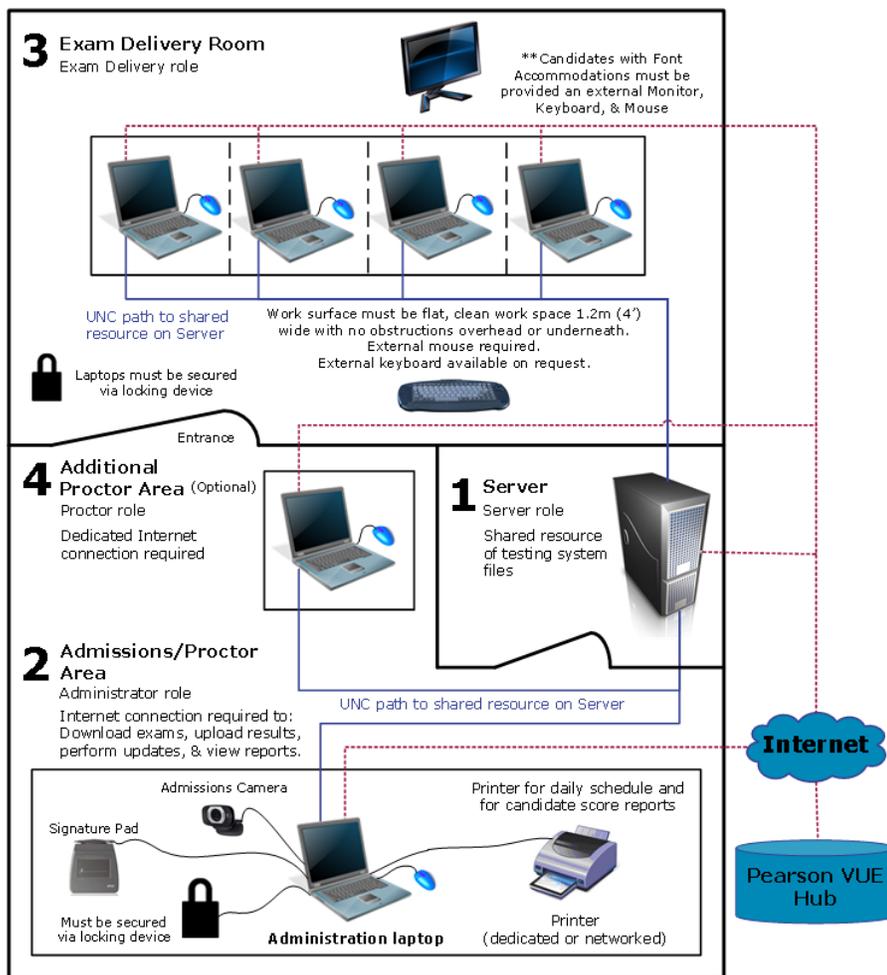
### Warning



You must use a **Server scenario** if you have more than **15 exam delivery laptops**. A server operating system, such as Server 2016 or 2012 R2, is required for more than 15 exam delivery laptops.

Pearson VUE Authorized Center – Laptop Lab

Server Scenario  
Multiple computers  
Local area network (LAN)



### Warning



If laptops are used in a mobile lab scenario, the server may reside in the same room as the Administration/Proctor laptops if candidates do not have direct access to the server. If laptops are used in a fixed test center, the server should reside in a separate room.

## System Requirements

Effective **February 1, 2019**, the following pages list the minimum system requirements for installing and running the Pearson VUE Testing System, and for operating as a test center. ***Pearson recommends purchasing equipment that meets or exceeds the Recommended Specifications.*** The minimum requirements will change periodically based on the needs of our exam sponsors.

### Hardware configuration

All-in-one PC's are permitted if they meet the minimum Technical Specification and do not have a Touch screen. Pearson VUE highly recommends that All-in-one PC's meet the Recommended Technical Specifications.

### Software licenses

All test centers are required to have Windows operating systems that have completed online activation. Application software installed on all exam delivery workstations must also have current licensing. Windows Operating Systems must pass Genuine Windows Validation.

### Network configuration

It is **strongly recommended** that all machines with VTS Software installed remain in the same domain or workgroup, VLAN, and subnet. Network configurations that do not follow this guideline may experience decreased exam delivery performance. You may be asked to make changes to your network configuration to comply with this guideline as part of problem resolution.

### Internet bandwidth

Some exam deliveries will require an internet connection. For Internet Based Tests (IBT) a minimum base connection speed of **1 Mbps down/up** is required. Additional bandwidth may be required for more than 10 simultaneous IBT exam deliveries.

## GED PVTC Technical Requirements

### Pearson VUE specific hardware

Some exams may require the use of test center admissions equipment. Please consult with your Pearson VUE representative to determine if these components are required for your test center. If required, these components may be purchased from Pearson VUE or a third-party source.

Requirement	Administration Workstation
Web Camera	Logitech HD Webcam C615 or Logitech Pro 9000
Signature Device	ePadLink: ePad Signature Pad – Model VP9801

 **Note** Pearson VUE strongly recommends purchasing 2 Web Cameras. If the first camera breaks down you will not be able to deliver any more exams until a replacement is in place.

### Monitors – Exam Delivery

Requirement	
Monitor	<ul style="list-style-type: none"><li>• 15.6" or larger for laptops /17" or larger for external monitors</li><li>• Must allow for the following display resolution settings:<ul style="list-style-type: none"><li>• <b>1280 x 1024</b></li><li>• <b>1024 x 768</b></li></ul></li><li>• External monitor must be connected to the computer using <b>DVI, DisplayPort, or HDMI</b></li></ul>
Desktop Graphics Adapter	<ul style="list-style-type: none"><li>• Exam delivery workstations must have a graphics adapter that supports <b>GPU Scaling</b> (ability to Maintain Aspect Ratio)</li><li>• Exam delivery workstations must have the GPU Scaling feature enabled in the graphics adapter software</li><li>• The latest version of graphics drivers must be installed</li></ul>

## External peripherals for laptops

### ***External mouse***

Because many candidates are not comfortable using a touchpad mouse, this could negatively affect the results of their exam. Therefore, an **external mouse is required for every exam delivery laptop**.

### ***External keyboard***

Some candidates are not comfortable typing on a laptop keyboard and this could negatively affect the results of their exam. Therefore, **external keyboards must be available to candidates if they request one**.



**Note** If a candidate is configured with Font Accommodations, they must automatically be provided with an external keyboard.

### ***External monitor***

Candidates configured with **Font Accommodations must automatically be provided with an external monitor, keyboard and mouse**.

## Administration and Proctor – Desktop

	Minimum Required	Recommended Specifications
<b>Operating System</b>	<b>Windows 10</b> Professional or Enterprise ( <b>64-bit</b> ) <b>**Windows 7 SP1</b> Professional or Enterprise ( <b>64-bit</b> ) <b>** New sites are not allowed to install on Win 7 or any 32-bit OS starting Jan 2019</b>	
<b>Processor</b>	<i>Intel:</i> i3 or higher <i>AMD:</i> Phenom II series, FX-4000 series or newer	<i>Intel:</i> i5-series
	<b>Note:</b> CPU must have a minimum of two cores (dual-core)	
<b>RAM</b>	<b>2 GB</b> of RAM	<b>4 GB</b> of RAM or more
<b>Hard Drive</b>	<b>10 GB</b> free disk space in NTFS format	<b>50 GB</b> free disk space in NTFS format
<b>Graphics Adapter</b>	Video Adapter must support <b>DirectX 10</b> or higher. Latest drivers installed. <b>128 MB</b> of dedicated Video RAM.	Video Adapter support for <b>DirectX 11</b> or higher. Latest drivers installed. <b>512 MB</b> dedicated Video RAM or more.
	All computers and monitors should be connected via <b>DVI, DisplayPort, or HDMI.</b>	
<b>Display</b>	17" monitor or larger	
<b>Mouse &amp; Keyboard</b>	<ul style="list-style-type: none"> <li>• English QWERTY Keyboard</li> <li>• 2 Button Wheel Mouse</li> </ul>	
<b>USB Ports</b>	4 available USB 2.0 ports for: <ul style="list-style-type: none"> <li>• English QWERTY Keyboard</li> <li>• 2 Button Wheel Mouse</li> <li>• Signature Pad admissions equipment</li> <li>• Camera admissions equipment</li> </ul>	6 available USB 2.0 ports for: <ul style="list-style-type: none"> <li>• English QWERTY Keyboard</li> <li>• 2 Button Wheel Mouse</li> <li>• Signature Pad admissions equipment</li> <li>• Camera admissions equipment</li> <li>• 2 spare ports</li> </ul>
<b>Network Connection</b>	<b>100 Mbps</b> Full Duplex WIRED connection to the network switch.	<b>1 Gbps</b> Full Duplex WIRED connection to the network switch.
	<b>Strongly Recommended:</b> All machines with VTS Software installed should remain in the same domain or workgroup, VLAN, and subnet.	
<b>Internet Connection</b>	See <a href="#">Internet bandwidth</a> requirements above.	
<b>Internet Browser</b>	<b>Internet Explorer 11</b> and <b>Microsoft Edge</b>	
<b>Printer</b>	600 DPI Laser Printer	
<b>Additional Software</b>	<b>.NET 4.0</b> is installed with the VTS software. If installing on <b>Windows 10</b> , <b>.NET 3.5</b> must be enabled on Administration/Proctor workstation to complete the VTS installation. All workstations must have <b>Anti-Virus software</b> installed with a current update.	

## GED PVTC Technical Requirements

	Minimum Required	Recommended Specifications
<b>Additional Notes</b>	<p><b>Windows 10/7</b> allows for up to <b>15</b> simultaneous exam deliveries.</p> <p>Candidates must not have free access to the Administration or Proctor workstations at any time.</p> <p>The Windows account used to <b>install</b> the VUE Testing System Platform must have <b>Administrative rights</b> to properly install and update the software.</p>	

## Administration and Proctor – Laptop

	Minimum Required	Recommended Specifications
<b>Operating System</b>	<p><b>Windows 10</b> Professional or Enterprise (<b>64-bit</b>)</p> <p><b>**Windows 7 SP1</b> Professional or Enterprise (<b>64-bit</b>)</p> <p><b>** New sites are not allowed to install on Win 7 or any 32-bit OS starting Jan 2019</b></p>	
<b>Processor</b>	<p><i>Intel:</i> i3 or higher</p> <p><i>AMD:</i> Phenom II series, FX-4000 series or newer</p>	<p><i>Intel:</i> i5-series</p>
<b>Note:</b> CPU must have a minimum of two cores (dual-core)		
<b>RAM</b>	<b>2 GB</b> of RAM	<b>4 GB</b> of RAM or more
<b>Hard Drive</b>	<p><b>5 GB</b> free disk space in NTFS format</p> <p>Minimum <b>7200</b> rpm HDD required</p>	<p><b>10 GB</b> free disk space in NTFS format</p> <p>Solid State Disk (SDD)</p>
<b>Graphics Adapter</b>	<p>Video Adapter must support <b>DirectX 10</b> or higher. Latest drivers installed.</p> <p><b>128 MB</b> of dedicated Video RAM.</p>	<p>Video Adapter support for <b>DirectX 11</b> or higher. Latest drivers installed.</p> <p><b>256 MB</b> dedicated Video RAM or more.</p>
<b>Display</b>	Display must be <b>14" or larger</b> .	<b>17" external monitor</b> or larger.
<b>Mouse &amp; Keyboard</b>	<ul style="list-style-type: none"> <li>• Built in English QWERTY Keyboard</li> <li>• Built in Touch Pad Mouse</li> </ul>	<ul style="list-style-type: none"> <li>• External English QWERTY Keyboard</li> <li>• External 2 Button Wheel Mouse</li> </ul>
<b>USB Ports</b>	<p>2 available USB 2.0 ports for:</p> <ul style="list-style-type: none"> <li>• Signature Pad admissions equipment</li> <li>• Camera admissions equipment</li> </ul>	<p>4 available USB 2.0 ports for:</p> <ul style="list-style-type: none"> <li>• External English QWERTY Keyboard</li> <li>• External 2 Button Wheel Mouse</li> <li>• Signature Pad admissions equipment</li> <li>• Camera admissions equipment</li> </ul>
<b>Network Connection</b>	<p><b>100 Mbps</b> Full Duplex WIRED connection to the network switch.</p>	<p><b>1 Gbps</b> Full Duplex WIRED connection to the network switch.</p>
<p><b>Strongly Recommended:</b> All machines with VTS Software installed should remain in the same domain or workgroup, VLAN, and subnet.</p>		
<b>Internet Connection</b>	See <a href="#">Internet bandwidth</a> requirements above.	
<b>Internet Browser</b>	<b>Internet Explorer 11</b> and <b>Microsoft Edge</b>	

## GED PVTC Technical Requirements

	Minimum Required	Recommended Specifications
Printer	600 DPI Laser Printer	
Additional Software	<p><b>.NET 4.0</b> is installed with the VTS software.</p> <p>If installing on <b>Windows 10</b>, <b>.NET 3.5</b> must be enabled on Administration/Proctor laptop to complete the VTS installation.</p> <p>All workstations must have <b>Anti-Virus software</b> installed with a current update.</p>	
Additional Notes	<ul style="list-style-type: none"> <li>The Administration laptop must always be physically secured via <b>Cable Lock</b> or another locking device</li> <li>The Test Administrator should be the only one that can remove the locking device from the Administration laptop</li> <li>Candidates must not have free access to the Administration laptop at any time</li> <li><b>Windows 10/7</b> allows for up to <b>15</b> simultaneous exam deliveries</li> <li>The Windows account used to <b>install</b> the VUE Testing System Platform must have <b>Administrative rights</b> to properly install and update the software</li> </ul>	

## Exam Delivery – Desktop

	Minimum Required	Recommended Specifications
Operating System	<p><b>Windows 10</b> Professional or Enterprise (<b>64-bit</b>)</p> <p><b>**Windows 7 SP1</b> Professional or Enterprise (<b>64-bit</b>)</p> <p><b>** New sites are not allowed to install on Win 7 or any 32-bit OS starting Jan 2019</b></p>	
Processor	<p>Intel: i3 or higher</p> <p>AMD: Phenom II series, FX-4000 series or newer</p>	<p>Intel: i5-series</p>
	<b>Note:</b> CPU must have a minimum of two cores (dual-core)	
RAM	<b>2 GB</b> of RAM	<b>4 GB</b> of RAM or more
Hard Drive	<b>10 GB</b> free disk space in NTFS format	<b>50 GB</b> free disk space in NTFS format
Graphics Adapter	<p>Video Adapter must support <b>DirectX 10</b> or higher. Latest drivers installed.</p> <p><b>128 MB</b> of dedicated Video RAM.</p>	<p>Video Adapter support for <b>DirectX 11</b> or higher. Latest drivers installed.</p> <p><b>256 MB</b> dedicated Video RAM or more.</p>
	<p>All exam delivery workstations must have a Graphics Adapter that supports GPU Scaling (sometimes called Maintaining Aspect Ratio).</p> <p>All exam delivery workstations <b>must have the GPU Scaling feature enabled</b>.</p> <p><b>All computers and monitors</b> must be connected via <b>DVI, DisplayPort, or HDMI</b>.</p>	
Display	See <a href="#">Monitors</a> requirements above.	
Audio	Windows compatible audio playback capability.	
Mouse & Keyboard	<ul style="list-style-type: none"> <li>English QWERTY Keyboard</li> <li>2 Button Wheel Mouse</li> </ul>	

## GED PVTC Technical Requirements

	Minimum Required	Recommended Specifications
<b>USB Ports</b>	2 available USB 2.0 ports for: <ul style="list-style-type: none"> <li>English QWERTY Keyboard</li> <li>2 Button Wheel Mouse</li> </ul>	4 available USB 2.0 ports for: <ul style="list-style-type: none"> <li>English QWERTY Keyboard</li> <li>2 Button Wheel Mouse</li> <li>2 spare ports</li> </ul>
<b>Network Connection</b>	<b>100 Mbps</b> Full Duplex WIRED connection to the network switch.	<b>1 Gbps</b> Full Duplex WIRED connection to the network switch.
	<b>Strongly Recommended:</b> All machines with VTS Software installed should be in the same domain or workgroup, VLAN, and subnet.	
<b>Internet Connection</b>	See <a href="#">Internet bandwidth</a> requirements above.	
<b>Internet Browser</b>	<b>Internet Explorer 11</b> and <b>Microsoft Edge</b>	
<b>Printer</b>	600 DPI Laser Printer	
<b>Additional Software</b>	<p><b>.NET 4.0</b> is installed with the VTS software.</p> <p>If installing on <b>Windows 10</b>, <b>.NET 3.5</b> must be enabled on exam delivery workstation to complete the VTS installation.</p> <p>All workstations must have <b>Anti-Virus software</b> installed with a current update.</p>	
<b>Additional Notes</b>	<p>The Windows account used to <b>install</b> the VUE Testing System Platform must have <b>Administrative rights</b> to install properly.</p> <p>The Windows account profile logged into the <b>exam delivery workstation</b> must have <b>Administrative rights</b> to launch the Delivery Manager software.</p>	

## Exam Delivery – Laptop

	Minimum Required	Recommended Specifications
<b>Operating System</b>	<b>Windows 10</b> Professional or Enterprise ( <b>64-bit</b> ) <b>**Windows 7 SP1</b> Professional or Enterprise ( <b>64-bit</b> ) <b>** New sites are not allowed to install on Win 7 or any 32-bit OS starting Jan 2019</b>	
<b>Processor</b>	<i>Intel:</i> i3 or higher <i>AMD:</i> Phenom II series, FX-4000 series or newer	<i>Intel:</i> i5-series
	<b>Note:</b> CPU must have a minimum of two cores (dual-core)	
<b>RAM</b>	<b>2 GB</b> of RAM	<b>4 GB</b> of RAM or more
	<b>Note:</b> 512MB must be available for the software to function properly.	
<b>Hard Drive</b>	<b>5 GB</b> free disk space in NTFS format. Minimum <b>5400</b> rpm HDD required.	<b>10 GB</b> free disk space in NTFS format. <b>7200</b> rpm HDD or Solid State Drives (SDD) preferred.

## GED PVTC Technical Requirements

	Minimum Required	Recommended Specifications
Graphics Adapter	Video Adapter must support <b>DirectX 10</b> or higher. Latest drivers installed. <b>128 MB</b> of dedicated Video RAM.	Video Adapter support for <b>DirectX 11</b> or higher. Latest drivers installed. <b>256 MB</b> dedicated Video RAM or more.
	<b>Widescreen Laptops:</b> must have a Graphics Adapter that supports GPU Scaling (sometimes called Maintaining Aspect Ratio). <b>Widescreen Laptops:</b> must have the GPU Scaling feature enabled.	
Display	See <a href="#">Monitors</a> requirements above.	
	<b>Note: External 17" monitor</b> or larger for candidates with Font Accommodations.	
Audio	Windows compatible audio playback capability	
Mouse & Keyboard	<ul style="list-style-type: none"> <li>English QWERTY Keyboard</li> <li>External 2 Button Wheel Mouse</li> </ul>	<ul style="list-style-type: none"> <li>External 2 Button Wheel Mouse</li> <li>External English QWERTY Keyboard</li> </ul>
	<b>Note:</b> An external keyboard is required for candidates with Font Accommodations. <b>Note:</b> Sites must provide an external keyboard if candidate requests one.	
USB Ports	2 available USB 2.0 ports for: <ul style="list-style-type: none"> <li>External 2 Button Wheel Mouse</li> <li>External English QWERTY Keyboard (if requested or required by candidate)</li> </ul>	3 available USB 2.0 ports for: <ul style="list-style-type: none"> <li>External 2 Button Wheel Mouse</li> <li>External English QWERTY Keyboard</li> <li>1 spare port</li> </ul>
	<b>100 Mbps</b> Full Duplex WIRED connection to the network switch.	
Network Connection	<b>1 Gbps</b> Full Duplex WIRED connection to the network switch.	
	<b>Strongly Recommended:</b> All machines with VTS Software installed should be in the same domain or workgroup, VLAN, and subnet.	
Internet Connection	See <a href="#">Internet bandwidth</a> requirements above.	
Internet Browser	<b>Internet Explorer 11 required</b> <b>Microsoft Edge</b>	
Printer	600 DPI Laser Printer	
Additional Software	<ul style="list-style-type: none"> <li><b>.NET 4.0</b> is installed with the VTS software.</li> <li>If installing on <b>Windows 10</b>, <b>.NET 3.5</b> must be enabled on exam delivery laptops</li> <li>All workstations must have <b>Anti-Virus software</b> installed with a current update.</li> </ul>	
Additional Notes	<ul style="list-style-type: none"> <li>Exam delivery laptops <b>MUST NOT be</b> moved or <b>mobile</b> during exam delivery – <b>a locking device</b> may be necessary to prevent laptops from walking away.</li> <li>An external Monitor, Keyboard, and Mouse are required for candidates with Font Accommodations.</li> <li>The Windows account used to <b>install</b> the VUE Testing System Platform must have <b>Administrative rights</b> to install properly.</li> <li>The Windows account profile logged into the <b>exam delivery laptop</b> must have <b>Administrative rights</b> to launch the Delivery Manager software.</li> </ul>	

## Server: file storage

The file storage server must be accessible to the Administration workstation, Proctor workstation, and all exam delivery workstations. These requirements apply to Administration workstations with 9 – 15 exam delivery workstations, and to Servers with 15 – 30 exam delivery workstations.

	Required for 9 to 15 Exam Delivery Seats	Required for 15 to 30 Exam Delivery Seats
Operating System	<p><b>All Servers must be Desktop machines</b>  <b>Windows 10</b> Professional or Enterprise (64-bit)  <b>**Windows 7 SP1 Professional (64-bit)</b></p> <p><b>Windows Server 2016 (64-bit)</b>  <b>Windows Server 2012 R2 with update (64-bit)</b>  <b>Windows Server 2008 SP2/2008 R2 (64-bit)</b>  <i>(Windows Server Core is not supported at this time)</i>  <b>** New sites are not allowed to install on Win 7 or any 32-bit OS starting January 2019</b></p>	<p><b>All Servers must be Desktop machines</b>  <b>Windows Server 2016 (64-bit)</b>  <b>Windows Server 2012 R2 with update (64-bit)</b>  <b>Windows Server 2008 R2 (64-bit)</b></p>
Processor	<p>Intel: i3 or higher                      AMD: Phenom II series, FX-4000 series or newer</p> <p><b>Note:</b> CPU must have a minimum of two cores (dual-core)</p>	Intel: i5-series
RAM	<b>2 GB</b> of RAM or more.	<b>8 GB</b> of RAM or more.
Hard Drive	SATA II Interface Standard or faster Interface Standard. <b>50 GB</b> available disk space in NTFS format.	
Network	<p><b>100 Mbps</b> Full Duplex WIRED connection to the network switch.</p> <p><b>Pearson VUE strongly recommends</b> that the server be dedicated to the VTS software to ensure the highest quality experience for candidates during exam delivery.</p> <p>Pearson VUE strongly discourages that the server provides additional services such as: domain controller, DHCP, SQL Server, WINS, etc.</p>	<p><b>1 Gbps</b> Full Duplex WIRED connection to the network switch.</p>
Power	UPS is recommended.	
Internet Connection	See <a href="#">Internet bandwidth</a> requirements above.	
Internet Browser	<b>Internet Explorer 11</b> and <b>Microsoft Edge</b>	
Additional Software	Server must have <b>Anti-Virus software</b> installed with a current update. <b>.NET 2.0</b> framework must be enabled.	

## GED PVTC Technical Requirements

	Required for 9 to 15 Exam Delivery Seats	Required for 15 to 30 Exam Delivery Seats
<b>Additional Notes</b>	<p>The Windows account used to <b>install</b> the VUE Testing System Platform must have <b>Administrative rights</b> to install properly.</p> <p>Candidates should never have free access to the Server machine at any time.</p>	

### Prohibited on all workstations and servers

	Server\Administration\Exam Delivery Workstations
<b>Portable Computers</b>	<p><b>Smartphones</b> are strictly prohibited.</p> <p><b>Tablet</b> devices are strictly prohibited (e.g., <b>iOS, Android, and Windows 8</b>).</p> <p><b>Netbooks</b> and <b>Chromebooks</b> are strictly prohibited.</p> <p><b>Note:</b> <b>Laptops</b> with a "Tablet" mode are strictly prohibited from delivering exams while in Tablet mode.</p>
<b>Processor</b>	Devices running Ultra Mobile Processors are strictly prohibited. This includes, but is not limited to <b>Intel Atom, AMD NEO CPU</b> lines, and <b>ARM</b> CPUs.
<b>RAM</b>	Less than <b>2 GB</b> on any workstation
<b>Hard Drive</b>	<b>FAT32</b> File System
<b>Operating System</b>	<ul style="list-style-type: none"> <li>• <b>Windows XP, Vista &amp; Windows 8/8.1</b> (all versions) strictly prohibited</li> <li>• <b>Windows Server Operating System</b> strictly prohibited on the exam delivery workstations and not supported on Administration workstations</li> <li>• <b>Mac OSX</b> is strictly prohibited</li> <li>• <b>Mac hardware</b> running any Operating System is strictly prohibited</li> <li>• <b>All Linux/Unix</b> based Operating Systems are strictly prohibited</li> </ul>
<b>Graphics Adapter</b>	<p>Any Graphics Adapter that does not support <b>DirectX 10</b> or higher.</p> <p>Any Graphics Adapter that has less than <b>128 MB</b> of dedicated Video RAM.</p>
<b>Monitor Display</b>	<p><b>Monitors smaller than 17"</b> are strictly prohibited on exam delivery workstations.</p> <p><b>Dual monitors</b> are strictly prohibited on exam delivery workstations.</p> <p><b>KVM switches</b> are strictly prohibited on exam delivery workstations.</p> <p><b>Touch Screen monitors</b> are strictly prohibited on all workstations.</p>
<b>USB</b>	<p><b>USB 1.0/1.1</b> is strictly prohibited.</p> <p><b>Un-Powered USB Hubs</b> are strictly prohibited.</p> <p>Portable computing devices such as, but not limited to, smartphones and tablets are strictly prohibited from being connected to the exam delivery workstation during exam deliveries.</p> <p><b>USB Hubs</b> are strictly prohibited on exam delivery workstations.</p>

## GED PVTC Technical Requirements

Server\Administration\Exam Delivery Workstations	
<b>Network</b>	<p><b>Wireless Networks</b> of any kind are strictly prohibited.</p> <p><b>IPv6</b> is not currently supported.</p> <p><b>Novell Netware</b> is not supported.</p> <p><b>Network Hubs</b> are strictly prohibited.</p>
<b>Internet Connection</b>	<p><b>SSL VPNs</b> are strictly prohibited. (e.g., Hotspot Shield)</p> <p><b>Dial-Up Internet Connections</b> are strictly prohibited.</p>
<b>Internet Browser</b>	<p>Only <b>Internet Explorer 11</b> and <b>Microsoft Edge</b> are supported.</p> <p>No other web browsers are currently supported.</p>
<b>Additional Software</b>	<p>Software that can be used to remotely access the exam delivery workstations during exam delivery is strictly prohibited.</p>
<b>Additional Notes</b>	<p>It is strictly prohibited to install the VUE Testing System Platform on any computer that does not have Anti-Virus software installed on it.</p>

## Prohibited on Laptops

	Administration Laptops	Delivery Laptops
<b>Portable Computers</b>	<p><b>Smartphones</b> are strictly prohibited.</p> <p><b>Tablet</b> devices are strictly prohibited (e.g., <b>iOS</b>, <b>Android</b>, and <b>Windows 8</b>).</p> <p><b>Netbooks</b> and <b>Chromebooks</b> are strictly prohibited.</p> <p><b>Note: Laptops</b> are strictly prohibited as <b>servers</b>.</p> <p><b>Note: Laptops</b> with a "Tablet" mode are strictly prohibited from delivering exams while in Tablet mode.</p>	
<b>Processor</b>	<p>Devices running Ultra Mobile Processors are strictly prohibited. This includes, but is not limited to <b>Intel Atom</b>, <b>AMD NEO CPU</b> lines, and <b>ARM</b> CPUs.</p>	
<b>RAM</b>	<p>Less than <b>2 GB</b> on any workstation</p>	
<b>Hard Drive</b>	<p><b>FAT32</b> File System</p> <p>Hard drives that spin at less than <b>5400 rpms</b> (SSD are exempt)</p>	
<b>Operating System</b>	<ul style="list-style-type: none"> <li><b>Windows XP, Vista &amp; Windows 8/8.1</b> (all versions) strictly prohibited</li> <li><b>Windows Server Operating System</b> strictly prohibited on exam delivery laptops and are not supported on Administration laptops</li> <li><b>Mac OSX</b> is strictly prohibited</li> <li><b>Mac hardware</b> running any Operating System is strictly prohibited</li> <li><b>All Linux/Unix</b> based Operating Systems are strictly prohibited</li> </ul>	
<b>Graphics Adapter</b>	<p>Any Graphics Adapter that does not support <b>DirectX 9c</b> or higher</p> <p>Any Graphics Adapter that has less than <b>128 MB</b> of dedicated Video RAM</p>	

## GED PVTC Technical Requirements

	Administration Laptops	Delivery Laptops
<b>Monitor Display</b>	Less than 14" display	<p><b>External monitors smaller than 17"</b> are strictly prohibited.</p> <p><b>Dual monitors</b> are strictly prohibited.</p> <p><b>Laptops:</b> Any 16:9 aspect ratio display smaller than 15.4".</p>
		<b>Touch Screen monitors</b> are strictly prohibited on all workstations.
<b>USB</b>	<p><b>USB 1.0/1.1</b> is strictly prohibited.</p> <p><b>Un-Powered USB Hubs</b> are strictly prohibited.</p> <p>Portable computing devices such as, but not limited to, smartphones and tablets are strictly prohibited from being connected to the exam delivery laptops during exam deliveries.</p>	
		<b>USB Hubs</b> are strictly prohibited on exam delivery laptops.
<b>Network Connection</b>	<p><b>Wireless Networks</b> of any kind are strictly prohibited.</p> <p><b>IPv6</b> is not currently supported.</p> <p><b>Novell Netware</b> is not supported.</p> <p><b>Network Hubs</b> are strictly prohibited.</p>	
<b>Internet Connection</b>	<p><b>SSL VPNs</b> are strictly prohibited (e.g., Hotspot Shield)</p> <p><b>Dial-Up Internet Connections</b> are strictly prohibited.</p>	
<b>Internet Browser</b>	<p>Only <b>Internet Explorer 11</b> and <b>Microsoft Edge</b> are supported.</p> <p>No other web browsers are currently supported.</p>	
<b>Additional Software</b>	<p>Software that can be used to remotely access the exam delivery workstations during exam delivery is strictly prohibited.</p>	
<b>Additional Notes</b>	<p>It is strictly prohibited to install VUE Testing System Platform on any computer that does not have Anti-Virus software installed on it.</p>	