

# Wisconsin Forward Exam Supported System Requirements

## Spring 2016

This document describes the system requirements for the Wisconsin Forward Exam for the Spring 2016 test Administration. These requirements cover the following items:

- Operating systems and levels
- Hardware devices
- Processor, disk space, and memory
- Screen size and resolution
- Certain testing accommodations

DRC software applications support new versions of an operating system within three months of public availability of the new version, or by the next release date of the DRC application, whichever duration is greater.

Please refer to the Technology User Guide for detailed information regarding Wisconsin Forward Exam software.

## DRC INSIGHT (Forward Exam Secure Browser) System Requirements

Supported Operating Systems	Hardware Devices	Screen Size	Processor	Disk Space	Memory	Resolution
<p><b>Windows</b></p> <p>Windows Vista      Windows 10                      Windows 7            Windows Server 2008                      Windows 8            Windows Server 2012                      Windows 8.1</p>	<p>Non-touch-screen devices plus the following touch-screen devices:</p> <p>Lenovo Yoga – Netbook/Tablet                      Dell Latitude – Laptop                      Microsoft Surface Pro – Tablet</p>	<p><b>Non-touch-screen devices</b></p> <p><b>Minimum</b> 9.5”</p> <p><b>Recommended</b> 13” or larger</p>	<p><b>Minimum*</b> 1 GHz</p> <p><b>Recommended</b> 1 GHz or faster</p>	<p><b>Minimum</b> 100 MB</p> <p><b>Recommended</b> 100 MB or more</p>	<p><b>Minimum</b> 512 MB RAM</p> <p><b>Recommended</b> 1 GB RAM</p>	<p><b>Minimum</b> 1024 x 768</p> <p><b>Recommended</b> 1024 x 768 or higher</p>
<p><b>Mac (OS X)</b></p> <p>OS X 10.7            OS X 10.9                      OS X 10.8            OS X 10.10</p> <p><b>Note:</b> Mac Server software is not supported. INSIGHT cannot be installed on Mac Server software.</p>	<p>Non-touch-screen devices</p>	<p><b>Touch-screen devices</b></p> <p><b>Minimum</b> 10”</p>				
<p><b>Linux</b></p> <p>Ubuntu 12.04 and 14.04, LTS version, with 32- and 64-bit Gnome 3.4, Unity Shell</p> <p><b>Note:</b> Ubuntu Server software is not supported. INSIGHT cannot be installed on Ubuntu Server software.</p>	<p>Non-touch-screen devices</p>					
<p><b>Chrome OS</b></p> <p>Chrome OS recent stable channel</p>	<p>Non-touch-screen devices plus the following touch-screen devices:</p> <p>Acer C720P                      Lenovo N20P                      Dell Chromebook 11                      HP Chromebook 14 G3</p>					
<p><b>Apple iOS</b></p> <p>iOS 8.1.3, 8.2, 8.3, and 8.4, 9.0, 9.1</p>	<p>iPad 2 or newer                      iPad Air devices                      iPad mini devices are not supported</p>	<p>9.7”</p>	<p>NA</p>	<p>NA</p>	<p>NA</p>	
<p><b>Android</b></p> <p>Lollipop 5.1 or higher</p>	<p>ASUS Transformer Pad TF103CE (also known as the K010E)                      Dell Venue 10, model 5050</p>	<p><b>Minimum</b> 10”</p>	<p>NA</p>	<p>NA</p>	<p>NA</p>	

*\*Note: DRC software applications support new versions of an operating system within three months of public availability of the new version, or by the next release date of the DRC application, whichever duration is greater.*

## DRC INSIGHT (Forward Exam Secure Browser) System Requirements

### Additional Requirements

#### Accessories

- Pointing device (mouse, touchpad, stylus)
- English language keyboard (external, wired or wireless)
- Listening device (headphones, earphones, earbuds)

#### Internet Connectivity

##### Minimum

Devices must be able to connect to the Internet using wired or wireless networks

##### Recommended

Devices connected via wired network

#### Power Supply

##### Minimum

For battery devices, a fully charged battery with a two-hour life

##### Recommended

Device connected to a plugged-in power supply

#### Accommodations

- A TSM is required for Text-To-Speech (TTS), and Video Sign Language (VSL - online delivery of American Sign Language (ASL))
- Video Sign Language (VSL - online delivery of American Sign Language (ASL)) content has increased TSM disk space requirements (see **DRC TSM System Requirements**)

## DRC TSM (includes content and response caching) System Requirements

Supported Operating Systems	Disk Space	Hardware Devices	Processor	Internet Connectivity	Memory	Screen Size	Resolution
<p><b><u>Windows</u></b>                      Windows Vista    Windows 10                      Windows 7        Windows Server 2008                      Windows 8        Windows Server 2012                      Windows 8.1</p>	<p><b><u>Minimum</u></b>                      10 GB</p> <p><b><u>Recommended</u></b>                      10 GB or more</p>	<p><b><u>Minimum</u></b>                      Desktop and laptop devices</p> <p>Device connected to a plugged-in power supply</p> <p>Note: The TSM should not be installed on mobile or touch-screen devices.</p>	<p><b><u>Minimum</u></b>                      1 GHz</p> <p><b><u>Recommended</u></b>                      2 x 2.4 GHz or faster</p>	<p><b><u>Minimum</u></b>                      Devices must be able to connect to the Internet using wired or wireless networks.</p> <p><b><u>Recommended</u></b>                      Devices connected via wired network.</p> <p>100 Mbps WAN or LAN data speed</p>	<p><b><u>Minimum</u></b>                      1 GB RAM</p> <p><b><u>Recommended</u></b>                      4 GB or more</p>	<p><b><u>Minimum</u></b>                      9.5"</p> <p><b><u>Recommended</u></b>                      13" or larger</p>	<p><b><u>Minimum</u></b>                      1024 x 768</p> <p><b><u>Recommended</u></b>                      1024 x 768 or higher</p>
<p><b><u>Mac (OS X)</u></b>                      OS X 10.7        OS X 10.9                      OS X 10.8        OS X 10.10                                               OS X 10.11</p> <p><b>Note:</b> Mac Server software is not supported. TSM cannot be installed on Mac Server software.</p>							
<p><b><u>Linux</u></b>                      Ubuntu 12.04 and Ubuntu 14.04, LTS version, with 32- and 64-bit Gnome 3.4, Unity Shell</p> <p><b>Note:</b> Ubuntu Server software is not supported. TSM cannot be installed on Ubuntu Server software.</p>		<p><b><u>Recommended</u></b>                      The TSM software is installed on a dedicated device (a device that only has a TSM installed).</p>					
<p><b><u>Accommodations</u></b>                      Video Sign Language (VSL - online delivery of American Sign Language (ASL)) content has increased disk space requirements for the TSM</p>	<p><b><u>Minimum</u></b>                      20 GB</p> <p><b><u>Recommended</u></b>                      20 GB or more</p> <p>Because of the size of audio and video files, VSL can increase storage (disk space) needs by an additional 10 GB</p>						
<p><i>*Note: The minimum requirements listed above are sufficient to support a small computer lab of approximately 25 concurrent testers. The recommended hardware requirements should be sufficient to support approximately 150 concurrent testers. Server resources in excess of those required for the number of students concurrently testing should result in faster test response times.</i></p>							