



System Requirements

Effective Fall 2015

This document describes the proposed system requirements for the DRC INSIGHT Online Testing System and the Testing Site Manager (TSM) for the Fall 2015 testing cycle. 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 must aggressively embrace new technology to offer the best testing solutions to our customers while keeping pace with constantly changing and evolving technology standards. In general, 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.

Updated: April 2, 2015

DRC INSIGHT System Requirements

Supported Operating Systems	Hardware Devices	Screen Size	Processor	Disk Space	Memory	Resolution
<u>Windows</u> Windows Vista Windows 7 Windows 8 Windows 8.1 Windows Server 2008 Windows Server 2012	Non-touch-screen devices plus the following touch-screen devices: Lenovo Yoga – Netbook/Tablet Dell Latitude – Laptop Microsoft Surface Pro – Tablet	Non-touch-screen devices <u>Minimum</u> 9.5” <u>Recommended</u> 13” or larger	<u>Minimum*</u> 1 GHz <u>Recommended</u> 1 GHz or faster	<u>Minimum</u> 100 MB <u>Recommended</u> 100 MB or more	<u>Minimum</u> 512 MB RAM <u>Recommended</u> 1 GB RAM	<u>Minimum</u> 1024 x 768 <u>Recommended</u> 1024 x 768 or higher
<u>Mac (OS X)</u> OS X 10.7 OS X 10.8 OS X 10.9 OS X 10.10 Note: Mac Server software is not supported	Non-touch-screen devices	Touch-screen devices <u>Minimum</u> 10”				
<u>Linux</u> Ubuntu 12.04 and 14.04, LTS version, with 32- and 64-bit Gnome 3.4, Unity Shell Note: Ubuntu Server software is not supported	Non-touch-screen devices					
<u>Chrome OS</u> Chrome OS recent stable channel	Non-touch-screen devices plus the following touch-screen devices: Acer C720P Lenovo N20P Dell Chromebook 11 HP Chromebook 14 G3					
<u>Apple iOS</u> iOS 8.1.3 iOS 8.2	iPad 2 or newer iPad Air devices iPad mini devices are not supported	9.7”	NA	NA	NA	
<u>Android</u> Lollipop 5.0 or higher	ASUS Transformer Pad TF103CE Dell Venue 10	<u>Minimum</u> 10”	NA	NA	NA	

**Throughout this document, the minimum level of requirements represents a low compliance threshold. Districts should attempt to exceed the minimum level of requirements for an optimal student testing experience. DRC advises using the recommended level.*

DRC INSIGHT System Requirements

Additional Specifications

Accessories

- Mouse
- English language keyboard (internal and external, wired and wireless)
- Touchpad
- Headphones
- Microphone
- Earphones
- Earbuds
- Stylus for touch devices
- Other input devices as supported for accommodations (determined in conjunction with each state department of education)

The input device must allow students to select and deselect; drag items; highlight text, objects, and areas; enter letters, numbers, and symbols; use the Shift, Tab, Return, Delete, and Backspace keys.

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 Human Voice Audio (HVA), Text-To-Speech (TTS), Voice Capture Response (VCR), and Video Sign Language (VSL)
- HVA is not supported for Windows Vista
- VCR and VSL are not supported in a Linux environment
- VCR and VSL have increased TSM disk space requirements (see **DRC TSM System Requirements**)

Other

Smart Board interfaces are not supported

DRC TSM System Requirements

Supported Operating Systems	Disk Space	Hardware Devices	Processor	Internet Connectivity	Memory	Screen Size	Resolution
<p><u>Windows</u> Windows Vista Windows 7 Windows 8 Windows 8.1 Windows Server 2008 Windows Server 2012</p>	<p><u>Minimum</u> 10 GB</p> <p><u>Recommended</u> 10 GB or more</p>	<p>Desktop and laptop devices</p> <p><u>Minimum</u> Device connected to a plugged-in power supply</p>	<p><u>Minimum</u> 1 GHz</p> <p><u>Recommended</u> 1 GHz or faster</p>	<p><u>Minimum</u> Devices must be able to connect to the Internet using wired or wireless networks.</p> <p><u>Recommended</u> Devices connected via wired network</p>	<p><u>Minimum</u> 1 GB RAM</p> <p><u>Recommended</u> 1 GB or more</p>	<p><u>Minimum</u> 9.5"</p> <p><u>Recommended</u> 13" or larger</p>	<p><u>Minimum</u> 1024 x 768</p> <p><u>Recommended</u> 1024 x 768 or higher</p>
<p><u>Mac (OS X)</u> OS X 10.7 OS X 10.8 OS X 10.9 OS X 10.10 Note: Mac Server software is not supported</p>							
<p><u>Linux</u> Ubuntu 12.04 and Ubuntu 14.04, LTS version, with 32- and 64-bit Gnome 3.4, Unity Shell Note: Ubuntu Server software is not supported</p>							
<p><u>Accommodations</u> VCR and VSL have increased disk space requirements for the TSM</p>	<p><u>Minimum</u> 20 GB</p> <p><u>Recommended</u> 20 GB or more</p> <p>Because of the size of audio and video files, VCR and VSL can increase storage (disk space) needs by an additional 10 GB</p>						