

NCSC Proposed Workstation and Bandwidth Technology Requirements

(Current: 10.30.2013)

Test Delivery Workstation Hardware and Software: The test delivery system should align with the State Educational Technology Directors Association (SETDA) recommendations. The following represents the minimum hardware and software requirements of the test delivery workstation.	
Operating System	Windows Vista, Windows 7 or better, 32 bit or 64 bit, OS X 10.6+, Linux: Ubuntu 10.04 +; Debian 6+, OpenSuSE 11.3+, Fedora Linux 14+
Browser	IE 9 or better; Firefox 4 or later, Google Chrome, Opera 11+, Safari 5+
Evidence Collection	1024 x 768 or better, Webcam* (320 x 240 or better); Flash 11

Bandwidth: SETDA provides overall minimum recommendations as a baseline.		
Broadband Access for Teaching, Learning, and School Operations	2014-15 Target	2017-18 Target
An external internet connection to the internet service provider (ISP)	At least 100 Mbps per 1,000 students/ staff	At least 1 Gbps per 1,000 students/staff
Internal wide area network (WAN) connections from the district to each school and among schools within the district	At least 1 Gbps per 1,000 student/staff	At least 1 Gbps per 1,000 students/staff

***Webcams are still being discussed and this feature may be removed and/or amended.** It is **NOT** part of the design of the NCSC alternate assessment that **all** student responses be recorded. This may be helpful for some students who cannot use the computer and/or have significant motor issues. At any rate, the parameters of how this feature would be used during the NCSC Pilot are still being refined. That said I'd prefer to over-prepare you rather than under-prepare you in terms of technical requirements. At this time, today, if *some* workstations have webcam-capabilities, you should be fine. I will let you know when and if this requirement changes.