

iPad compatibility

Feature	Available Now	Available Fall 2015
Nightly roster sync with the SIS keeps data with students as they move between classes and schools	●	
Test Administration System (using native Safari browser)		
Manage test sessions	●	
Schedule tests	●	
Monitor testing progress	●	
Monitor scoring status	●	
View immediate reports (student proficiency, academic language, roster)	●	
Reset test sessions	●	
Manage organizational hierarchy	●	
Manage student information	●	
Manage user information	●	
Assign proctors	●	
Navigate hierarchy	●	
Assign student accommodations	●	
Ability to score constructed response items and speaking responses		●
Student Test Administration		●
Detailed reporting, designed for easy use at the classroom, school, and district level		
Longitudinal data on student progress during the year and across years	●	
Data Wall representation of student assessment results	●	
Reporting available to students and parents online on multiple device types	●	
Item Analysis	●	
Standards Analysis	●	
Dashboard Graphs	●	
Data Wall	●	

Requirements for Student Workstations

HARDWARE/SOFTWARE - PC		
1	Hardware & Memory	Minimum: 1.3 GHz processor 2 GB of memory 1 GB disk space available
2	Operating System	Windows XP SP3, Vista SP1, Windows 7, Windows 8
3	Additional Software	Adobe® AIR® 4 or greater— for visual rendering of items Adobe® Flash® Player 12 or 13 Java Runtime Environment™ 7, 7.51 maximum, 32- or 64-bit to match OS
HARDWARE/SOFTWARE - MAC		
1	Hardware & Memory	Minimum: 1.8 GHz Intel processor 2 GB of memory 1 GB disk space available
2	Operating System	OS 10.7, 10.8 Intel
3	Additional Software	Adobe® Flash® Player 12 or 13—for visual rendering of items Java Runtime Environment™ 7, 7.51 maximum, 32- or 64-bit to match OS Adobe® AIR® 4 or greater - if audio recording capability enabled; required by Tuning Utility
4	Web Browser	Safari® 2.0
HARDWARE/SOFTWARE – Common to all Machines and Operating Systems		
1	Display Monitor	Set to minimum of 1024 x 768 pixels Minimum color display: 256 colors (8-bit)
2	Internet Access	High-speed internet connection (see below)
3	Peripherals	Keyboard (should not have shortcut hot keys enabled) Mouse is required for manipulatives Sound card, headphones for Screen Reader accommodation Sound card, headphones or speakers, microphone for audio recording capability* *If audio is enabled, verify that sound is not muted and that the sound card is configured to use the headset and microphone in computer control panel, and microphone volume is set to at least 75%
NETWORK CONNECTIVITY		
4	Bandwidth	Minimum 1.5 Mbps upload and download – T1, high-speed cable or high-speed DSL required for every 50-100 concurrent users
5	Firewalls	Port 80 and 443 must be open
6	Proxy Servers	Dynamic pages are not to be cached Allow both HTTP and HTTPS traffic for *.ctb.com Exclude *.ctb.com addresses from filters— <i>highly recommended</i>
SECURITY AND OTHERS		
7	Instant Messaging	Instant messaging and e-mail notification disabled
8	Screensavers	Screen savers and power savers disabled
9	System Scans	Anti-virus system scans and/or auto-updates set to run when testing will not be taking place

10	System Restore	System restore utilities, e.g. Deep Freeze, disabled during setup and testing, so that new data remains in place after system reboot
11	Remote Desktop	Remote desktop access disabled
12	Web Content Filtering	Exclude *.ctb.com from web filtering
13	Others	Other automatic software that needs to be disabled

Note:

The software listed above has been tested for correct operation with the online system. Later versions of these applications may work but they have not been tested and are not supported by CTB.

Software applications that would interfere with secure, locked-down browser application must be disabled/ turned off (not uninstalled); they must be set to run outside the testing window for security.

Tips for Using Audio for Listening/Speaking Items

- Run the OAS Audio Tuning Utility prior to each test administration on each computer to confirm that the headsets and microphones are operating properly. The Tuning Utility is installed on workstations as part of the software installation. For details on how to use the tuning utility, see your OAS/LAS Links Online Installation Guide.
- Be sure to check the computer's audio settings to ensure the "mute" option is turned off and microphone volume is set to at least 75%.
- On the day of testing, be sure to run the Tuning Utility again with the actual microphone and/or headset to be used for testing with each workstation.

Using the Network Utility to Check Connectivity and Bandwidth

Be sure to run the Network Utility to verify workstations can connect to the servers and verify time required to download content. If it takes longer than 30 seconds to download a 5MB file from within the Network Utility, you should download test content to workstations from the Workstation Setup menu in the OAS administration system. See your OAS/LAS Links Online Installation Guide for details.

Requirements for Administrator Workstations for Las Links forms A, B, Español A

HARDWARE/SOFTWARE		
1	Hardware & Memory	MAC or PC workstation. Memory and processor speed adequate for operating system (no specific requirements) Note: Scoring is not supported on Linux systems
2	Operating System	PC: Windows XP SP3, Vista SP1, Windows 7 MAC: OS 10.7, or 10.8 Intel
3	Additional Software	Adobe® AIR® — for visual rendering of items Adobe® Flash® Player 11, 12, or 13 — for visual rendering of items Java Runtime Environment™ 7, 7.51 maximum, 32- or 64-bit to match OS—for audio playback
4	Browsers	Minimum IE6, (but not IE 7 or 8), or IE 9 on Win 7 and above, Firefox 28, and Safari 5.1 are supported. Other common browsers may work, but have not been tested and are not guaranteed to work.

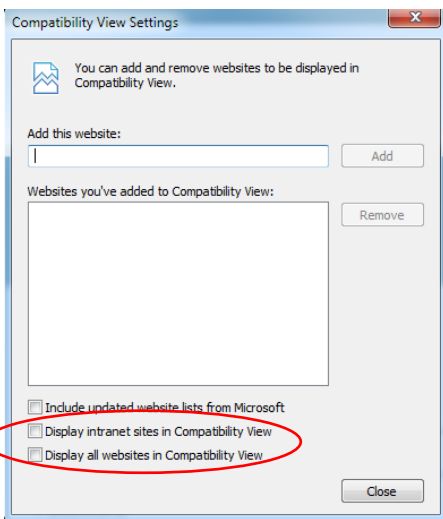
Requirements for Administrator Workstations for Las Links forms C, D, Español B

HARDWARE/SOFTWARE		
1	Hardware & Memory	MAC or PC workstation. Memory and processor speed adequate for operating system (no specific requirements) Note: Scoring is not supported on Linux systems
2	Operating System	PC: Windows XP SP3, Vista SP1, Windows 7 MAC: OS 10.7, or 10.8 Intel
3	Additional Software	Adobe® AIR® — for visual rendering of items Adobe® Flash® Player 12 — for visual rendering of items Java Runtime Environment™ 7, 7.51 maximum, 32- or 64-bit to match OS—for audio playback
4	Browsers	Minimum IE 9 or 10 on Win 7 and above, Firefox 28, and Safari 5.1 are supported. Other common browsers may work, but have not been tested and are not guaranteed to work. Caution: Does not work when running IE9 or 10 in “backward compatibility mode.”

Note: Administrator workstations are not “locked down” and do not require disabling other software for security.

When using **IE 9**, you must perform the following step in your browser before working in the Test Administration System:

1. Go to the browser **Tools > Compatibility View Settings** option.



2. Deselect (uncheck) these two checkboxes:
 - Display intranet sites in compatibility view**
 - Display all websites in compatibility view**
3. Click **Close**.