

TestNav 8.3 Hardware and Software Requirements

- **Periodic Assessments:** iPads and Chromebooks are approved for use on the ACT Aspire periodic assessments for all subjects and grades.
- **Summative Assessments:** Chromebook usage is supported for all customers administering summative assessments. Comparability research on iPads is underway.
- **Google to Disable NPAPI Support for Chrome Browser**
 - More information found here: <http://actaspire.avocet.pearson.com/actaspire/home#10581>

The requirements in this section reflect the TestNav 8 **minimum** requirements.

Specifications	Windows	Mac OS X	Linux	iOS	Chrome OS
Supported devices	Desktops Laptops Tablets	Desktops Laptops	Desktop Laptop	iPad	Chromebook
Processor	x86/x32 and x64	Intel-based™	x86/x32 and x64	any	any
Other	Local File access to home directory	Local File access to home directory	Local File access to home directory	Turn off Auto-Correction and Predictive text	
Operating system	Windows 7, 8, 8.1 (Windows RT tablets are not supported)	Mac OS X 10.7, 10.8, 10.9, 10.10	Fedora 19, 20 Ubuntu 12.04, 14.04	iOS 8.3	Chrome OS 43+
Minimum screen size	9.5-in	9.5-in	9.5-in	9.5-in	9.5-in
Minimum screen resolution	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1024 x 768
Memory	512 MB RAM	1 GB RAM	1 GB RAM	Minimum 512 MB RAM (iPad 2) Recommended 1 GB RAM (iPad 3rd gen +)	Minimum 2 GB RAM Recommended 4 GB RAM

These requirements do not supersede the minimum requirements of the supported operating systems. Refer to the minimum requirements for the operating system.

As a general rule regarding optimal online testing, you should avoid using any computer that takes noticeably long (10 seconds or more) to start and run applications.

Firewall/proxy servers/content filtering

Allow the following URLs to open any firewalls, proxy servers, or software used for Internet content filtering:

URL:Port ²
Your test delivery URL, for example: *. tn.actaspire.org :80 *. tn.actaspire.org :443
*. pearsonetestcontent.com
*. thawte.com
google-analytics.com (optional)

TestNav content is dynamically hosted in the cloud. No static IP addresses or ranges can be provided.

Browser-based TestNav requirements

Browser	Operating systems	Other requirements
Firefox 38 and higher	Windows 7, 8, 8.1 Mac OS X 10.7, 10.8, 10.9, 10.10	<ul style="list-style-type: none">• Java v1.8 (Java 8)• Enable pop-ups for TestNav• Create javaw.exe exception in Windows Firewall• Disable Skype plugins in Windows 7
IE 11	Windows 7, 8.1	<ul style="list-style-type: none">• Java v1.8 (Java 8)• Enable pop-ups for TestNav• Create javaw.exe exception in Windows Firewall
Safari 6.x	Mac OS X 10.7, 10.8	<ul style="list-style-type: none">• Java v1.8 (Java 8)• Enable pop-ups for TestNav
Safari 7.x	Mac OS X 10.9	<ul style="list-style-type: none">• Java v1.8 (Java 8)• Enable pop-ups for TestNav
Safari 8.x	Mac OS X 10.10	<ul style="list-style-type: none">• Java v1.8 (Java 8)• Enable pop-ups for TestNav

TestNav installable app requirements

Please visit the link below to install TestNav on iPads, Chromebooks, or the Desktop app. Then follow the setup instructions at the respective site.

Link to download: <http://actaspire.pearson.com/technology.html>

When using iPads or Chromebooks for testing, make note of **which student uses each device**. In the event that the student encounters a problem during testing, files necessary to resume each student's test session exist on only that specific device.

Other TestNav 8 Dependencies

For proper TestNav functionality, you must also meet the following other dependencies:

- Pop-ups
 - Pop-ups should be enabled/allowed for the TestNav 8 URL <http://tn.actaspire.org>
- File Access
 - TestNav requires read and write access to the user's home directory.
- Windows Firewall
 - You should create an exception for javaw.exe in any active Windows firewalls.
- The following should be disabled
 - All accelerators for Internet Explorer.
 - The Skype plugin for Windows 7 and Firefox.

Background Applications

The TestNav delivery engine does not permit access to other desktop applications (including applications that may be launched automatically) without terminating the test. Configure common applications like these to NOT launch during testing sessions:

- Anti-virus software performing automatic updates
- Power management software on laptops warning of low battery levels
- Screen savers
- E-mail with auto message notification
- Calendar applications with notifications, such as Google Calendar
- Pop-up blockers

Please Note: Unless disabled, all pop-up notifications during student testing disrupt the TestNav session.

Upon receiving a pop-up notification, TestNav immediately closes the testing session. To resume testing, the test monitor must resume the student's session in the testing administration platform before the student can log into TestNav and continue.

Java Quarterly Updates

Upcoming Java Quarterly Patches occurring on the following dates:

- October 20th, 2015
- January 19th, 2016
- April 19th, 2016

More information on these quarterly patches can be found in our technical bulletins on Avocet and the ACT Aspire Landing Page.

Important Update: TestNav Desktop is Now Available

What is TestNav Desktop?

TestNav Desktop is an installable TestNav client designed to reduce dependency on the Java plugin used by internet browsers. The TestNav Desktop is compatible with the following Operating Systems:

- Windows versions 7, 8, and 8.1
- MacOS versions 10.7, 10.8, 10.9, and 10.10
- Linux versions Fedora 19 and 20; Ubuntu 12.04 and 14.04

Why was TestNav Desktop developed?

Many browser vendors are phasing out support for the Java plugin. For example, Google Chrome no longer supports the Java plugin. As a result, schools and districts using the Chrome browser will need a different technology solution to deliver the ACT Aspire online assessments. TestNav Desktop serves the same role as browser-based TestNav, and supports all item interaction types, tools, proctor caching, accessibility features, and most accommodations.

For more information on Google Chrome's support of the Java plugin, please visit:

- <http://actaspire.avocet.pearson.com/actaspire/home#10581>

When will TestNav Desktop be available?

TestNav Desktop is now available for download at: <http://actaspire.pearson.com/technology.html>

What do I need to do next?

Users may either download the TestNav Desktop app by visiting the link below, or complete browser-based testing on select versions of Internet Explorer, Firefox, and Safari.

Link to download: <http://actaspire.pearson.com/technology.html>