

MCAP Government and LS MISA

TECHNOLOGY GUIDELINES

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Version Control

Version	Date	Author	Change Description
1.0	8/23/2023	eMetric	Created support documentation per 2023-2024 requirements discussion with Cognia and MSDE.
1.1	11/6/2023	eMetric	Updated supported OS versions.
1.2	03/06/2024	eMetric	Updated supported OS versions.
1.3	04/05/2024	eMetric	Updated support for Chrome OS LTS 120

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INTRODUCTION

There are two components of the MCAP Government and LS MISA online testing system: the **MCAP Government and LS MISA Portal**, used by school and LEA administrators, and the **MCAP Government and LS MISA Kiosk**, used by students for testing. The specifications for each component are explained below. If you have questions about these technology specifications, please contact the Cognia Service Desk toll-free at:

(866) 207-8804 or email at LSMISA.GovHelpDesk@cognia.org.

MCAP GOVERNMENT AND LS MISA KIOSK: STUDENT TEST DEVICE SPECIFICATIONS

Students may test on a device provided it meets the specifications provided in Table 1. A few important notes are included below:

- Students testing on devices that do not meet the Student Test Device Specifications may encounter performance-related issues during testing.
- The MCAP Government and LS MISA Kiosk identifies third party applications that may cause interruptions during online test administration. Users will be required to close these prior to logging into the kiosk. There may be additional third-party applications not currently identified by the kiosk that can cause interruptions or interfere with the secure kiosk functionality. To minimize potential security issues and interruptions introduced by these applications, we recommend disabling such third-party applications from the devices prior to conducting the operational test.
- The practice test can be tested on the MCAP Government and LS MISA Kiosk or on a browser. If the student requires the use of text-to-speech for the practice test, they must test using the kiosk. If using the kiosk, launch the kiosk and click on the “Access the Practice Test” link on the sign in screen. All operational tests must be tested on the MCAP Government and LS MISA Kiosk.
- If a Chromebook™ was manufactured in 2017 or later, it will not work in kiosk mode unless it is managed by an administrator. To run the Chromebook™ in kiosk mode, you will need a Chrome management license.

Table 1. Student Testing Interface Specifications

System Requirements – All Hardware	
Connectivity	Student devices must be able to connect to the internet via wired or wireless networks
Screen Size	9.7” screen size or larger/ “10-inch class” tablets or larger
Screen Resolution	1024 x 768 or larger
Browser Requirements	
Browsers ^a (Used for Practice Test Only)	Chrome™ 122 or newer Firefox® 123 or newer Microsoft Edge™ 122 or newer Safari® 17 or newer
Desktop and Laptop Specific Requirements	
CPU	1.3 GHz
Memory	2 GB (4 GB is strongly recommended for best performance)
Windows®	10 (21H2; 22H2) ^b , 11 (21H2; 22H2)
macOS®	12.7, 13.4, 14.3 (64-bit only)
Linux®	Fedora™ 38 (64-bit only)
Tablet and Chromebook Specific Requirements	
iOS® and iPadOS	15.7, 16.7, 17.3 ^c
Chromebook™	Chrome OS™ Long-Term Support (LTS) ^d 120 Chrome OS™ 120 ^e , 121, 122

Note: Android devices will not be supported. As new operating system and browser versions are released, eMetric will update technology guidelines following successful compatibility testing. Windows is a registered trademark of Microsoft Corporation. Firefox is a registered trademark of the Mozilla Foundation. Safari, Mac, and iPad are registered trademarks of Apple Inc. Chrome and Chromebook are registered trademarks of Google Inc. Fedora is a trademark of Red Hat, Inc. Linux is the registered trademark of Linus Torvalds in the U.S. and other countries.

^a Text-to-speech on browsers is partially supported.

^b Only in desktop mode. Windows 10 S is not supported.

^c In order to facilitate smooth testing and for the most efficient and stable testing experience, eMetric strongly recommends updating to iPadOS version 17.3 if testing on devices running iPadOS 17. If schools prefer to use earlier versions of iPadOS 17, they should contact the eMetric support desk for guidance.

^d Google releases new versions to the stable channel every four weeks and new versions to the Long-term Support (LTS) channel every six months. eMetric strongly recommends the use of the LTS channel. Devices on the LTS channel still continue to receive frequent security fixes. See <https://support.google.com/chrome/a/answer/11333726> for additional information.

^e Due to an issue with the Spanish voice in Chrome OS Stable channel 120, we strongly suggest that students who require a Spanish text-to-speech accommodation and are testing on a Chrome OS device, use devices that are on Chrome Stable Channel 121.

Table 2 includes a list of the embedded online tools available to all students. For an explanation of how to use each tool within the MCAP Government and LS MISA Kiosk, please see the *MCAP Government and LS MISA Kiosk User Guide* available on the Help & Support page:

<https://maryland.onlinehelp.cognia.org>.

Also included in the table is a list of the accessibility features and accommodations available to specific students who have the accessibility feature or accommodation ordered for them through the pre-ID file. This is not an exhaustive list of the accessibility features and accommodations available for students, but rather a list of the accessibility features or accommodations that require specific support from the MCAP Government and LS MISA Kiosk. Color contrast, ASL video, and text-to-speech are accommodations embedded within the MCAP Government and LS MISA Kiosk. The other accommodations listed require the accommodated form be assigned to the student, but have no functionality embedded within the MCAP Government and LS MISA Kiosk. For a complete list of accommodations available to students, please see the *MCAP Government and LS MISA Portal Help Guide* available on the Help & Support page:

<https://maryland.onlinehelp.cognia.org>.

Table 2. Accessibility Features and Accommodations (available on all devices except where noted)

Accessibility Features for All Students	Accommodations & Accessibility Features Identified in Advance
Magnification	Color Contrast
Line Reader	ASL Video
Sketch & Highlight	Text-to-Speech ^a
Notepad	Refreshable Braille Display
General Masking	Assistive Technology Screen Reader
References	Assistive Technology Non-Screen Reader
Answer Eliminator	Closed Captioning
Answer Masking	Braille Response: Braille Writer
	Braille Response: Braille Notetaker
	Human Signer
	Human Reader
	Allow Accessibility Mode Testing

^a Text-to-speech is not supported on Linux operating systems

MCAP GOVERNMENT AND LS MISA PORTAL: BROWSER SPECIFICATIONS

The MCAP Government and LS MISA Portal is accessible via the following browsers on desktops and laptops:

- Chrome™ 122 or newer
- Firefox® 123 or newer
- Microsoft Edge™ 122 or newer
- Safari® 17 or newer

Administrators may access the MCAP Government and LS MISA Portal at any time during the administration.

For more information on working with the MCAP Government and LS MISA Portal, see the MCAP Government and LS MISA *Portal User Guide*, which is available on the Maryland Help & Support page: <https://maryland.onlinehelp.cognia.org>.

MCAP GOVERNMENT AND LS MISA KIOSK DOWNLOAD AND INSTALLATION

The MCAP Government and LS MISA Kiosk will be available for download on September 22th, 2023.

WINDOWS USERS

The MCAP Government and LS MISA Kiosk for Windows will be made available for download via the MCAP Government and LS MISA Portal. If your school uses Windows PCs, you will need to download and install the MCAP Government and LS MISA Kiosk. Step-by-step instructions for installing the MCAP Government and LS MISA Kiosk can be found in the MCAP Government and LS MISA Kiosk Installation Guide available on the Help & Support page: <https://maryland.onlinehelp.cognia.org>.

MAC USERS

The MCAP Government and LS MISA Kiosk for Mac will be made available for download via the MCAP Government and LS MISA Portal. If your school uses Mac, you will need to download and install the MCAP Government and LS MISA Kiosk. Step-by-step instructions for installing the MCAP Government and LS MISA Kiosk can be found in the MCAP Government and LS MISA Kiosk Installation Guide available on the Help & Support page: <https://maryland.onlinehelp.cognia.org>.

LINUX USERS

The MCAP Government and LS MISA Kiosk for Linux will be made available for download via the MCAP Government and LS MISA Portal. If your school uses Linux workstations, you will need to download and install the MCAP Government and LS MISA Kiosk. Step-by-step instructions for installing the MCAP Government and LS MISA Kiosk can be found in the MCAP Government and LS MISA Kiosk Installation Guide available on the Help & Support page: <https://maryland.onlinehelp.cognia.org>. Remember that Linux cannot be used with TestMonitor and does not support text-to-speech.

CHROMEBOOK USERS

The MCAP Government and LS MISA Chromebook app will be made available, if your school uses Chromebooks you will need to download it from the Chrome Web Store. Step-by-step instructions for installing the MCAP Government and LS MISA kiosk app can be found in the MCAP Government and LS MISA Kiosk Installation Guide available on the Help & Support page:

<https://maryland.onlinehelp.cognia.org>.

iPAD USERS

The iTester app will be made available via the Apple iTunes App Store. If your building uses iPads for testing the single instance iTester app will need to be downloaded from the Apple iTunes App Store. Step-by-step instructions for installing the MCAP Government and LS MISA kiosk app can be found in the MCAP Government and LS MISA Kiosk Installation Guide available on the Help & Support page:

<https://maryland.onlinehelp.cognia.org>.



Remember to conduct the Site Readiness Test on all device configurations regardless of the MCAP Government and LS MISA Kiosk or MCAP Government and LS MISA app being used. See the MCAP Government and LS MISA Portal Help Guide for additional information on the Help & Support site: <https://maryland.onlinehelp.cognia.org>.

iTESTER TESTMONITOR

The iTester platform, called the MCAP Government and LS MISA Kiosk in Maryland, has been fine-tuned to account for a host of unique technology environments and constraints that exist in many schools, iTester's design ensures a seamless testing experience for all students, despite bandwidth limitations. To account for the extreme conditions that exist in some schools, iTester offers an optional caching module. The caching module helps to alleviate bandwidth issues in extreme, sub-par network conditions by utilizing the local network which translates into substantially lower downstream usage of the external internet connection.

Please note the MCAP Government and LS MISA Kiosk for Linux is not compatible with TestMonitor. Schools or LEAs using Linux operating systems will not be able to use TestMonitor.

For TestMonitor requirements and installation, please refer to the *TestMonitor Installation Guide* located on the Help & Support site: <https://maryland.onlinehelp.cognia.org>.