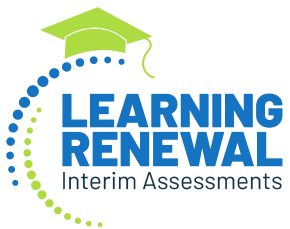


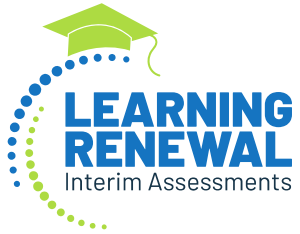
Technology Coordinator Training

Technology Setup and Readiness
September 10, 2021



Agenda

- 1 What's New?
- 2 Components of Online Testing
- 3 Set Up: PearsonAccess^{next}
- 4 Questions and Discussion
- 5 Support



What's New?

Learning Renewal Interim Assessment Testing Windows

- **Interim 1:**
10/04/21 - 10/29/21
- **Interim 2:**
01/24/22 - 02/18/22
- **Interim 3:**
05/02/22 - 05/27/22

New items for this testing season:

- App versions
- TestNav System requirements

New Apps – OS Updates

TestNav System Requirements

TestNav System Requirements



TestNav Apps – Requirements

When necessary for some tests, TestNav apps can run in **kiosk mode**, which prevents students from accessing any other web pages or applications while testing.

Devices/OS	Supported Versions	Download TestNav	Setup Instructions
Tablets, Chromebooks, Chromeboxes			
Android	11 <i>For info on Android, see TestNav - Android App and Secure Testing</i>	From Google Play	Set Up TestNav on Android
Chrome OS	91	From Chrome Web Store	Set Up TestNav on Chrome OS
iOS	13-14.x	From the App Store	Set Up TestNav on iOS


Laptops, Desktops			
Linux	<ul style="list-style-type: none">Fedora 33 x64Ubuntu 18.04 x64	From TestNav downloads	Set Up TestNav on Linux
macOS	<ul style="list-style-type: none">10.14-11 (Intel Mac)Apple silicon (ARM64)*	From TestNav downloads	Set Up TestNav on OS X, macOS
Windows	10 x64 - 20H2, 21H1	From TestNav downloads or Windows Store	Set Up TestNav on Windows

**only with TestNav 8.17 and above*

New Apps

Hardware Requirements



Requirement	Details
Processor	ARM, ARM64*
Memory	4 GB RAM; <i>Minimum - 2 GB RAM</i> <ul style="list-style-type: none">• <i>Linux and iOS - 2 GB RAM; Minimum - 1 GB RAM</i>
Screen Size	9.5-in
Resolution	1024 x 768
Other	<ul style="list-style-type: none">• External keyboard and mouse (or touchpad) for touchscreen devices<ul style="list-style-type: none">• Android, Windows (<i>required</i>)• iOS (<i>recommended</i>)• Local File access to home directory<ul style="list-style-type: none">• OS X, macOS• Windows• Wired keyboards (<i>recommended</i>)• Convertible Chromebooks - no tablet mode
<p> Virtual Environments</p> <ul style="list-style-type: none">• Some customers successfully use virtualization/thin clients; however, Pearson <i>does not provide support</i> for these technologies.• Those using these technologies are responsible for their virtualized environment security and performance.• <i>Prior to high-stakes testing</i>, customers should compare virtual environment performance to that of a non-virtual environment.	

TestNav 8 Download Page

[TestNav 8 Download](#)



Automatically detects Mac and Windows operating systems.

TestNav...

Downloads

TestNav for Mac

An engaging and interactive testing experience for today's students, who learn and play in a digital environment.

[Read important installation details before downloading.](#)

[OS X/macOS](#)

[Download TestNav for another platform](#)

[System Requirements](#)

TestNav...

Downloads

TestNav for Windows

An engaging and interactive testing experience for today's students, who learn and play in a digital environment.

[Read important installation details before downloading.](#)

[Windows .msi](#) [Windows .exe](#)

[Download TestNav for another platform](#)

[Download ProctorCache](#)

[System Requirements](#)



Components of Online Testing

Pieces of the puzzle

- TestNav 8
- PearsonAccess^{next}



Online Testing Components

TestNav 8

- Delivers test content and allows student interaction
- Maintains and transmits student responses
- Early Warning System (EWS)
- App Check

PearsonAccess^{next}

- Administrative site
- Set up test sessions, manage live testing
- Some essential technology-specific functions



Pearson



Test Nav8

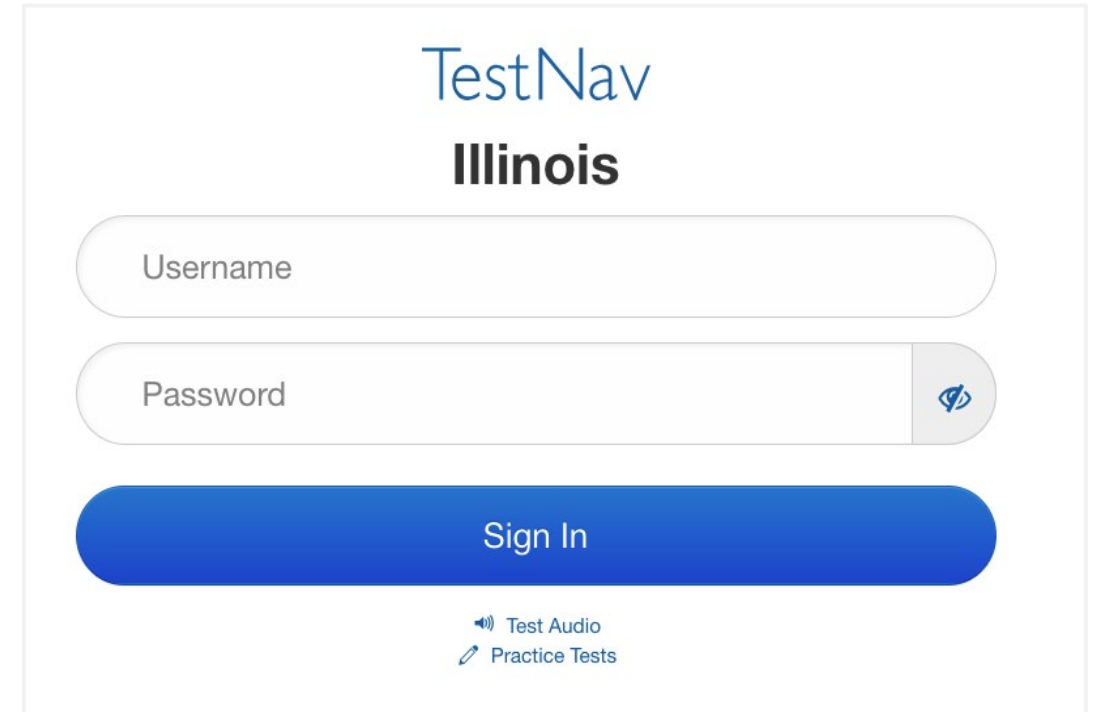


TestNav 8

Overview

TestNav 8 is an installable test client that:

- Is supported on ChromeOS, MacOS, iOS, Linux and Windows devices
- Requires minimal setup and configuration
- Has built in tools such as:
 - App Check
 - Early Warning System (EWS)



The screenshot displays the TestNav Illinois login screen. At the top, the text "TestNav" is in blue and "Illinois" is in bold black. Below this are two input fields: "Username" and "Password". The "Password" field includes a small icon on the right side. A large blue button labeled "Sign In" is positioned below the input fields. At the bottom of the screen, there are two links: "Test Audio" with a speaker icon and "Practice Tests" with a pencil icon.

TestNav 8

Delivery Methods

TestNav 8 is delivered through a device-specific application.

- Specific apps for each supported platform:
 - [OS X, macOS](#)
 - [Windows](#)
 - [Linux](#)
 - [Chrome OS](#)
 - [iOS](#)
 - [Android](#)
- Setup and configuration:
 - Device-specific setup steps
 - Install TestNav



[Set up and Use TestNav](#)



TestNav 8

The **Early Warning System (EWS)** is a background process built into TestNav that:

- Monitors background applications and connectivity.
- Manages test content delivery and upload of student responses.
- Monitors and enforces device test security.

No saved response file found

Message 1005

Your previous exit from TestNav was abnormal, so a saved response file (SRF) is expected.

Please browse to a response file and upload it.

Response file name: 2a945d1a-e55d-4caa-8530-43daee88e54c.SRF

Response File Location:

If you are unable to locate the response file, contact support.

To go to the test without uploading an SRF, choose Skip Upload. This may result in lost responses.



NOTE: If an error is detected, a message will be displayed on the student workstation screen prohibiting the student from testing until the error is resolved. (If errors persist, please write down the number associated with the error and contact Customer Support for further assistance [e.g., 1005].)

TestNav 8

EWS – Error Codes



If an EWS message is displayed, it will contain a specific error code and prevent the student from continuing their test until the error has been resolved.

- Complete error code documentation can be found on [TestNav 8 Online Support - TestNav 8 - Pearson Assessment Support](#).
- A numeric error code is usually accompanied by a description of the error and potential resolution steps.

3005	TestNav has detected that another application attempted to become the active window, which may compromise the security of this test. TestNav has been shut down. You may need assistance from your test monitor to restart the test.	The student test session has been terminated. The test administrator must resume the student's test.
8029	The installed app is out of date and needs to be updated in order to use TestNav on this device.	Download and install the latest version of the app.

TestNav 8

EWS – Triggers

Even though there are many types of error codes, most of the potential causes can be traced back to a few main scenarios.

Connectivity:

- Unable to retrieve content
- Unable to transmit responses

Saved Response File:

- Unable to write or read to SRF location

Potential Security Issues:

- Application/Notification launches while TestNav is in kiosk mode
- Running applications in the background

No saved response file found

Message 1005

Your previous exit from TestNav was abnormal, so a saved response file (SRF) is expected.

Please browse to a response file and upload it.

Response file name: 2a945d1a-e55d-4caa-8530-43daee88e54c.SRF

Response File Location:

If you are unable to locate the response file, contact support.

To go to the test without uploading an SRF, choose Skip Upload. This may result in lost responses.



PearsonAccess^{next}

PearsonAccess^{next}

Overview

PearsonAccess^{next}

PearsonAccess^{next} serves as the entry point to all Pearson services used by school districts participating in IAR assessments. Select either Sign In to PearsonAccess^{next} Operational Site or Sign In to the Training Center. PearsonAccess^{next} and the Training Center use the same username and password.

Note: For security purposes, your PearsonAccess^{next} password will be valid for 180 days. If you do not reset your password in that timeframe you will receive an email notification that your password must be reset to retain access. A link for resetting your password will be provided in the email notification.

Sign In to PearsonAccess^{next} »

Forgot Username »

Forgot Password »

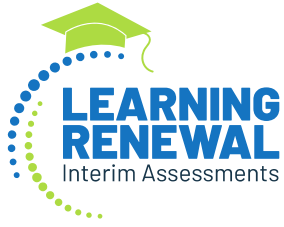
Sign In to the Training Center »

Forgot Username »

Forgot Password »

Blue site for Live test Administration

Brown site for Infrastructure trial Administration



Set Up: PearsonAccess^{next}

TestNav configuration



Proctor Cache



Learning Renewal Interim Assessments do not support Proctor Cache.

- Proctor Cache for summative assessments are also no longer recommended



If your organization has not previously set up Proctor Cache machines, then no action is needed for Learning Renewal Interim Assessments.



If your organization does have a previous Proctor Cache machine configuration, the following options are recommended:

- Remove all configurations (this will carry forward to the summative assessments); or
- Set up a Proctor Cache configuration for “No Cache”

Technology Tasks

Technology staff will have the **Technology Coordinator** role in PearsonAccess^{next} and will be responsible for creating TestNav configurations, if needed.

TestNav configurations:

- Proctor Cache will NOT be used for Learning Renewal Interim Assessments
- List Save Response File (SRF) locations
- Should be created before test sessions are created

The screenshot shows the 'New Cache Configuration' form. It has several sections:

- Configuration Name***: A text input field.
- Precaching Computer Override**: A checkbox.
- Organizations***: A dropdown menu with 'Select' as the current value.
- Default Precaching Computer**: A sub-form with three fields: **Computer Name***, **IP Address**, and **Port**.
- Response File Backup Locations**: A list of fields for different operating systems:
 - Windows, Primary Location**: 'Use default user directory'
 - Windows, Secondary Location**: Empty text box
 - MAC, Primary Location**: 'Use default user directory'
 - MAC, Secondary Location**: Empty text box
 - Android, ChromeOS, and iOS Secondary**: Empty text box
 - Linux, Primary Location**: 'Use default user directory'
 - Linux, Secondary Location**: Empty text box



NOTE: Required fields are indicated with a red asterisk (*). These fields must be populated whether using caching or not.

TestNav Configuration

To create a TestNav configuration:

1. Enter a configuration name
2. Select the organization(s) that will use the configuration
3. Computer Name "No Cache"
4. Leave the IP Address and Port fields blank

Configuration Name*

Precaching Computer Override ⓘ

Organizations*

Default Precaching Computer

Computer Name*

IP Address

Port

Note: Confirm that firewall or content filtering software is open for both ports 4480 and 4481 of the proctor caching computer.



NOTE: We are not utilizing Precaching computers, but a computer name must be entered since it is a required field. Anything may be entered here, however leave the IP address and Port blank.

TestNav Configuration

Save Locations

Set Save Response File (SRF) locations:

- Define different locations by test device
- Define the primary SRF location for Windows, Mac, and Linux

Response File Backup Locations

Windows, Primary Location ⓘ

Windows, Secondary Location ⓘ

MAC, Primary Location ⓘ

MAC, Secondary Location ⓘ

Android, ChromeOS, and iOS Secondary Location ⓘ

Linux, Primary Location ⓘ

Linux, Secondary Location ⓘ

TestNav Configuration

Customizing Save Locations

If using an SFTP server, ensure:

- ✓ The device is turned on, and SFTP services are running.
- ✓ That the syntax inside of PearsonAccess^{next} is correct.
(sftp://<userid>:<password>@<address>:<port>/<path>)
- ✓ That neither the userid or password contain the @ symbol. This will invalidate the syntax.
(sftp://fileuser123:pa\$\$w0rd!@192.168.10.12:22/srf)
- ✓ Ensure that the device and SFTP server used for the secondary save location is on during testing.

If you set a network file server, do not use:

- ✗ Spaces in the save location path.
- ✗ A location that requires authentication.
(If authentication is required, TestNav cannot access the shared location.)
- ✗ A Windows UNC (Uniform Naming Convention) or network path, such as:
\\ComputerName\SharedFolder\Resource on a Mac or Linux.

Pearson recommends specifying a mapped drive location, such as:

D:\TopDirectory\NextDirectory\SaveLocation



TestNav Configuration

Configuration Identifier

A unique configuration identifier is created once a configuration is saved.

Use a configuration identifier along with App Check to:

- Verify successful access to SRF locations.

The screenshot displays the 'Standard' configuration page in TestNav. The 'Configuration Name' is 'Standard'. Under 'Organizations*', there is one entry: 'KJ SAMPLE SCHOOL (ZZZ1000000000000-ZZZ100000001001)'. The 'Precaching Computers (1)' section has an 'Add' button and a 'No Cache' entry. The 'Configuration Identifier' field is highlighted with a green box and contains the value 'PDA6DAGX8Z'. Below this field is a note: 'Note: Confirm that firewall or content filtering software is open for both ports 4480 and 4481 of the proctor caching computer.' The 'Response File Backup Locations' section includes a yellow instruction box: 'Please use the following format for SFTP file backup location: sftp://<userid>:<password>@<address>:<port>/path'. Below this are fields for 'Windows, Primary Location', 'Windows, Secondary Location', 'MAC, Primary Location', 'MAC, Secondary Location', 'Android, ChromeOS, and iOS Secondary Location', 'Linux, Primary Location', and 'Linux, Secondary Location', each with a 'Use default user directory' button.

TestNav Configuration

Secondary Save Location

- A secondary save location is no longer needed.
- If the secondary save location is desired, please set up time with the Pearson Field Engineer staff.

Schedule your Technology Office Hours:



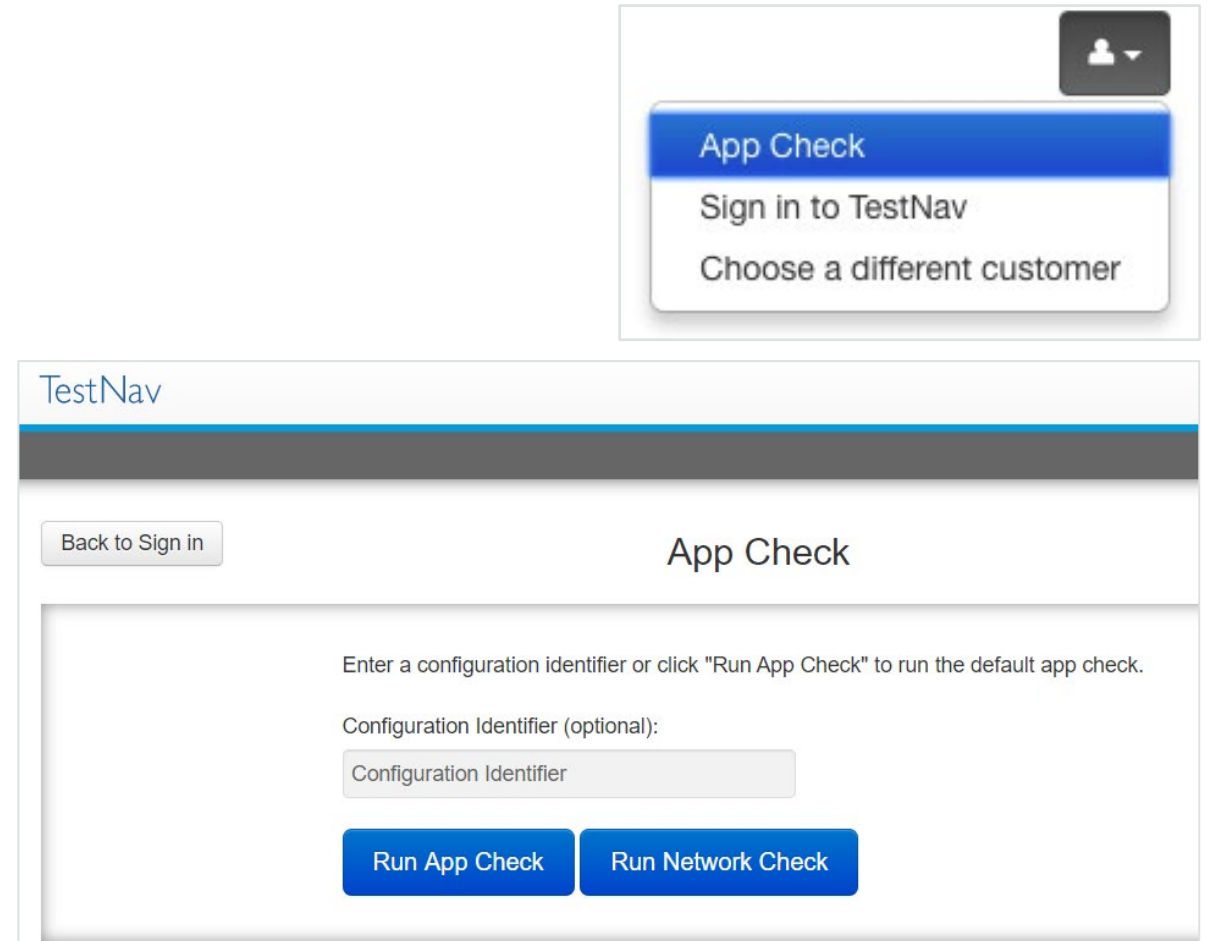
[IL Pearson Support](#)



[IL Field Services Engineer Calendar](#)

App Check

- App Check is built into TestNav.
- No additional installation or configuration required.
- It is accessed from the TestNav 8 app menu.
- App Check can be completed in around 10 seconds.



NOTE: A **configuration identifier** will only generate within PearsonAccess^{next} once a TestNav configuration is created. Adding a configuration identifier from the TestNav configuration to App Check will ensure you've successfully configured your Save Locations.

TestNav Configuration

Configuration Identifier and App Check Working Together

The screenshot displays the TestNav web interface. At the top left, the 'TestNav' logo is visible. At the top right, the text 'Not Signed In' is displayed next to a user profile icon. Below the header, there is a 'Back to Sign in' button on the left and the main heading 'App Check' in the center. The main content area contains the following elements:

- Instructional text: "Enter a configuration identifier or click 'Run App Check' to run the default app check."
- Label: "Configuration Identifier (optional):"
- Input field: A text box containing the alphanumeric string "8TM6GGXQB9".
- Buttons: Two blue buttons labeled "Run App Check" and "Run Network Check".
- Success message: A light green box with the heading "App Check is complete" containing two items:
 - ✓ Kiosk Mode Passed.
 - ✓ Connectivity to TestNav Passed.

Import TestNav Configurations

If you created configurations in a previous testing administration, they will carry over (e.g., IAR Spring 2021 configurations).

Import or Export TestNav Configurations

Search the PearsonAccess Next Online User Guide:

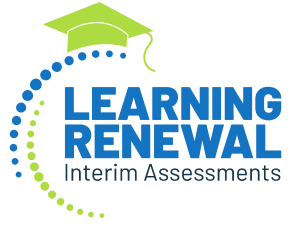
This information is a part of [Manage Online Tests](#).

To learn more about proctor caching, see [Understand Proctor Caching](#).

To import or export TestNav Configurations, follow these steps:

1. From **Setup > TestNav Configurations**, search to find configuration(s), or click the down arrow next to the **Search** button and select **Show all results**. Select the configuration(s) you want to edit.
 - > [Click here to view a screenshot...](#)
2. Click the **Select Tasks** drop-down and select **Import / Export TestNav Configurations**. Click **Start**.
 - > [Click here to view a screenshot...](#)
3. Click the **Action** drop-down and select **Import** or **Export**.
 - > [Click here to view a screenshot...](#)
4. Click **Import** or **Export**, as appropriate.

To avoid a possible timeout, Pearson recommends that you do not import / export over 300 TestNav Configurations at a time.



Resources



IL Support Page

Pearson Support Site

[IL Pearson Support Site](#)



The screenshot shows the home page of the IL Pearson Support Site. The navigation bar at the top includes links for Home, PearsonAccess^{next}, Technology Setup, IAR Summative Resources, Reporting, and Test Preparation. Below the navigation bar, there is a 'Home' section with a house icon and a paragraph describing the Illinois Assessment of Readiness (IAR). To the right of this paragraph is a graphic of the state of Illinois with various educational terms inside it. Below the 'Home' section, there are six main content blocks, each with an icon, a title, a brief description, and a button. The 'Technology Setup' block is circled in green, and its button is also circled in green.

Home

The Illinois Assessment of Readiness (IAR) assesses progress of students in grades 3-8 in meeting the Illinois Learning Standards in English language arts and mathematics.

This site hosts all of the tools necessary for Test Coordinators, Technology Coordinators, and Test Administrators to prepare for and administer assessments.

PearsonAccess^{next}
Sign in to PearsonAccess^{next} for all administrative tasks for test administration.
[PearsonAccess^{next}](#)

Technology Setup
Prepare your system for online assessments.
[Technology Setup](#)

IAR Summative Resources
Access trainings, manuals, and other resources to prepare for and administer assessments.
[IAR Summative Resources](#)

Test Preparation
Users can access sample items, TestNav 8 tutorials, and practice tests to prepare for the tests.
[Test Preparation](#)

Learning Renewal Interim Resources
Access trainings, manuals, and other resources to prepare for and administer the Learning Renewal Interim assessments.
[Learning Renewal Interim Resources](#)

Invest in Kids Act
Information for Private Schools testing students on the IAR English language arts and mathematics assessments as part of the Invest in Kids Act.
[Invest in Kids Act](#)

Technology Page

Home PearsonAccess^{next} Technology Setup IAR Summative Resources Reporting Test Preparation

Learning Renewal Interim Resources Invest in Kids Act Support

⚡ Technology Setup

Use the information and tools on this page to prepare technology for online testing, including downloading or accessing TestNav. TestNav is used to deliver online tests to students.

[TestNav8 Downloads Page »](#)

Illinois IAR districts - schedule a time with Pearson Field Engineer staff to discuss technology questions/concerns.
Use this calendar to set-up time with the Pearson Technology Field Engineering Team to address questions on the following:

- How your district infrastructure interacts with Pearson systems (examples may include: firewalls, content filters, student devices, proctor caching servers, wifi access points, etc.)
- How to prepare and complete an infrastructure trial in your district
- Discuss issues or questions that arose while performing an infrastructure trial
- How to set-up proctor caching in your district
- Other recommendations on online testing set-up for your district or school.

Note: During live testing, please call Illinois Customer Support for immediate assistance.

Technology Requirements

View hardware and software requirements for administering online tests.

[Technology Requirements ▼](#)

List of Chromebooks that have reached Auto Update Expiration (AUE) and will not deliver the IAR in Spring of 2021 (see models highlighted in red).

[List of Chromebooks ▼](#)

Additional Technology Resources

User Guides are product guides to be used by Test Coordinators, Test Administrators, and technology personnel for technical instructions and troubleshooting.

[Additional Technology Resources ▼](#)

TestNav 8 Online Support Page

The image shows a screenshot of the TestNav 8 Online Support page. At the top, there is a teal header with the text "Additional Technology Resources". Below this, a paragraph states: "User Guides are product guides to be used by Test Coordinators, Test Administrators, and technology personnel for technical instructions and troubleshooting." A dropdown menu is open, showing "Additional Technology Resources" with a downward arrow. The menu items are: "TestNav 8 Online Support" (highlighted with a green box and a green arrow pointing to the right), "TestNav 8 Error Codes", and "Illinois IAR districts - schedule a time with Pearson Field Engineer staff to discuss technology questions/concerns." Below the dropdown, there is a link for "Proctor caching enables corporations to securely download test f...".

On the right side, there is a "Pages" section with a lock icon. The main heading is "TestNav 8 Online Support". Below this is a search bar with the text "Search TestNav 8 Online Support:" and a "Search" button. The TestNav logo is displayed in blue. Below the logo, there is a paragraph: "TestNav 8 Online Support provides system requirements, and information on features and demos." and another paragraph: "The Getting Started checklist below outlines the high-level".

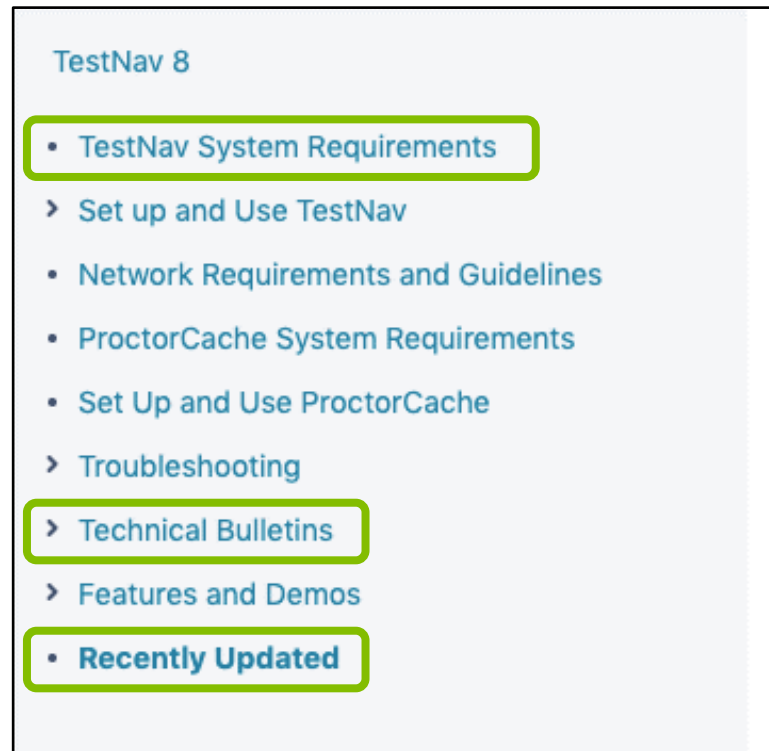
The dropdown menu is expanded to show the following items:

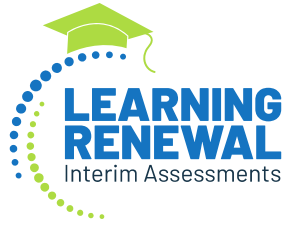
- TestNav 8
 - TestNav System Requirements
 - › Set up and Use TestNav
 - Network Requirements and Guidelines
 - ProctorCache System Requirements
 - Set Up and Use ProctorCache
 - › Troubleshooting
 - › Technical Bulletins
 - › Features and Demos
 - Recently Updated

TestNav 8 Online Support Page (cont.)

The [TestNav 8 Support](#) page is regularly updated to reflect the most current system requirements, setup steps, network requirements and guidelines, troubleshooting information, and more.

- Make use of the “Recently Updated” section toward the bottom of the menu on the left.





Support

Multiple Support Options

- Technology office hours
- Pearson help desk



Technology Office Hours

Pearson Field Engineer staff are available to discuss technology questions/concerns specific to your district and/or school at a time convenient to you.

To schedule an appointment, go to the Illinois Field Services Engineering Calendar.

Schedule your Technology Office Hours:



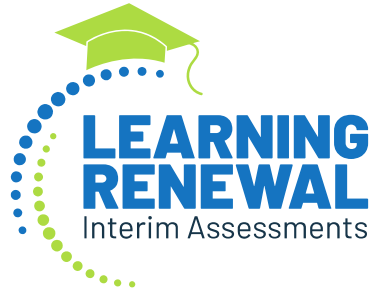
[IL Pearson Support](#)



[IL Field Services Engineer Calendar](#)

ISBE

Pearson Contacts Information



ISBE Assessment & Accountability

866-317-6034

assessment@isbe.net

www.isbe.net/Pages/Assessment.aspx



Pearson Customer Support

833-213-3879

<https://il.mypearsonsupport.com>

