



User Manual

Cognivue Thrive® User Manual

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Cognivue Thrive® User Manual

2 About This Guide

This User Manual contains information that describes the operation of Cognivue Thrive®.

Additional information can be found at www.cognivue.com.

Cognivue Support personnel can be reached via at 1-585-433-2992 from 9-5 pm ET or by emailing support@cognivue.com.

UM-420-W Cognivue Thrive® User Manual 11/18/2023



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3 About Cognivue Thrive®

Cognivue Thrive® is a computerized cognitive assessment aid to evaluate cognitive function objectively, quantitatively, and reliably. Cognivue Thrive® relies on a series of 6 subtests. Using the results from these subtests, Cognivue Thrive® creates short, easy-to-interpret reports. The report shows three cognitive domain scores: Memory, Visuospatial, and Executive Function. Below these are two metrics on Reaction Time and Speed Processing. Normative ranges appear below the visual of each cognitive domain score and metric. These segment into classifications of good, moderate, or poor ability. These cognitive performance scores provide a baseline for future comparison and enable discussion between the clinician and the test-taker about cognitive health.

3.1 Intended Purpose

Cognivue Thrive® is indicated for use as an adjunctive tool for evaluation cognitive function in ages 18 and over.

3.2 Indications for Use

Cognivue Thrive® is indicated for use as an adjunctive tool for evaluating cognitive function in ages 18 and over. It is not a stand-alone diagnostic tool. The device results are to be assessed and interpreted by a licensed clinician.

Warnings

- 1) Cognivue Thrive® does not identify the presence or absence of clinical diagnoses.
- 2) Cognivue Thrive® cannot be used as a stand-alone diagnostic.
- 3) Cognivue Thrive® is intended to be used in clinical professional offices or similar settings.

3.3 Clinical Reference Information

Cognivue Thrive® is based on the same technology as Cognivue® Advanced and Cognivue® Clarity. Cognivue Thrive uses a subset of the Cognivue Advanced® algorithms to provide a similar breakdown of cognitive scores in a shorter duration test.

Cognivue Thrive® algorithms have been compared vs. Cognivue Advanced® in a clinical trial with 100 subjects. The correlation between Advanced and Thrive was in the same category of Advanced vs. Advanced, which was statistically significant (moderate positive 0.57), and Thrive's test reliability was high positive (0.74).

Additional information is available in the following references:

- Cognivue Advanced De Novo Clearance, DEN130033
- Diego Cahn-Hidalgo, Paul W Estes, Reina Benabou, "Validity, reliability, and psychometric properties of a computerized cognitive assessment test (Cognivue®)," World Journal of Psychiatry 2020 January 19; 10(1): 1-11.
- Cognivue Clinical Analysis Report CAR-401-A.

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4 Device Description

The **Cognivue Thrive®** is a portable, battery-powered, laptop-like device that includes a wireless keyboard with a touchpad, a rotary CogniWheel®, and a CogniCover®. The CogniWheel® is the sole patient input device. The CogniCover® is designed for privacy and to reduce distraction and light reflections on the computer screen. The CogniCover® and CogniWheel® are designed to fold for portability.

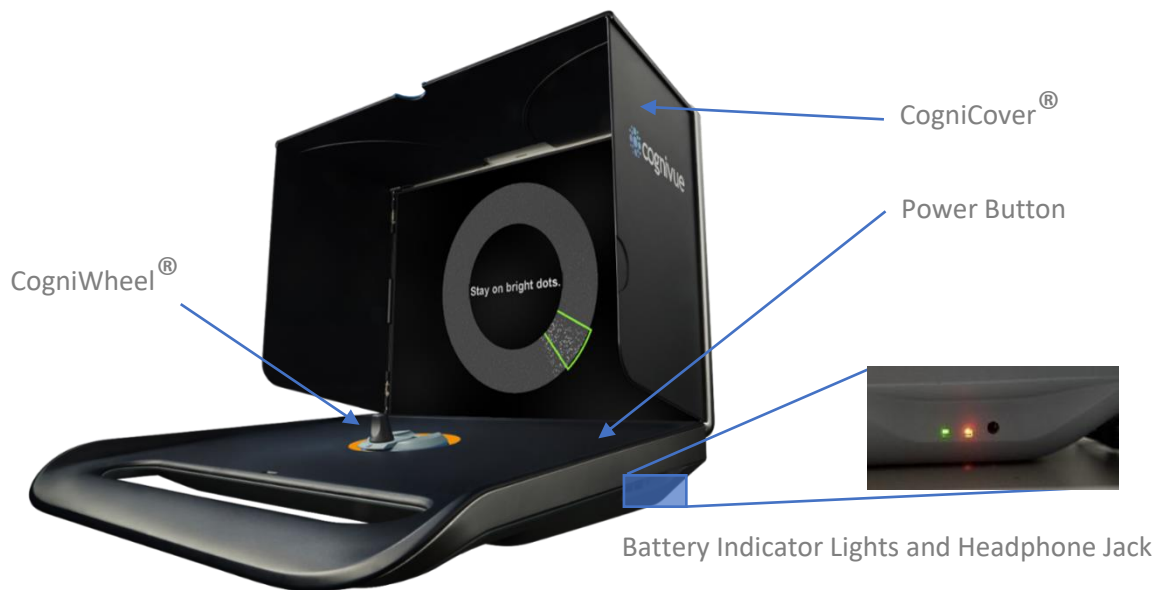


Figure 4-1 Cognivue Thrive® Device (Front View)

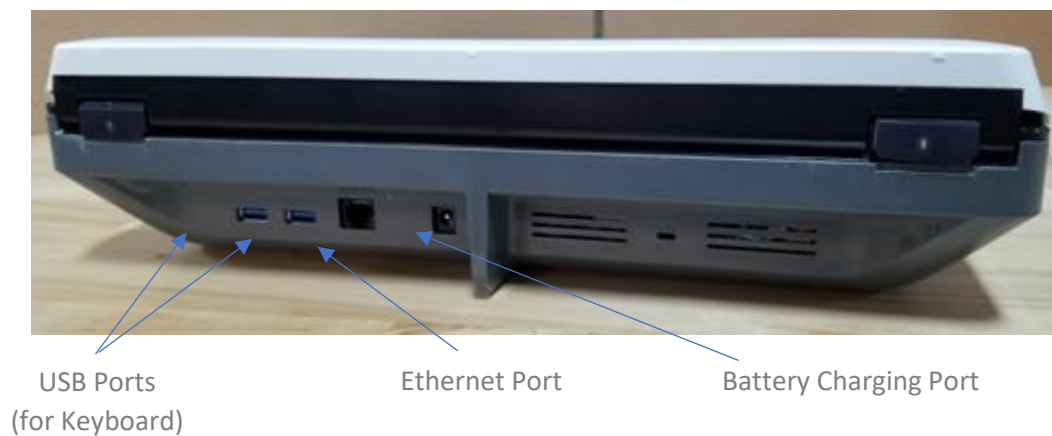


Figure 4-2 Cognivue Thrive® Device (Rear View)

5 Power Management

Much like a laptop, the Cognivue Thrive® is designed to be battery-powered during regular use but can also be used when the provided charging adapter is plugged in.

When not connected to the charging adapter, a fully charged Cognivue Thrive® battery will power the device for 4 hours of intensive usage but can last for 8+ hours of typical usage.

Once it has been reconnected to the charging adapter, a completely drained Cognivue Thrive® battery will fully recharge in approximately 4 hours.

5.1 Battery Indicator Lights

The right side of the Cognivue Thrive® device has two LED lights that change color to indicate the status of the device's battery, as well as whether the device is currently charging or not. Please refer to the table below:

<i>Battery and Charging Status of Cognivue® Device</i>	<i>Color of Left LED Indicator</i>	<i>Color of Right LED Indicator</i>
<i>Device is Plugged In, Battery is Fully Charged</i>	Green / Off	Green
<i>Device is Plugged In, Battery is Charging</i>	Green / Off	Orange
<i>Device is Unplugged, Battery is Discharging</i>	Orange	Off
<i>Device is Unplugged, Battery is Completely Drained OR Device is Off</i>	Off	Off

Table 5-1 Battery Indicator Light Statuses

5.2 Screen Sleep

When the Cognivue Thrive® device is not in use for 10 minutes, the screen will go into sleep mode. When the screen is asleep, it can be awakened by clicking or pressing a key on the keyboard.

5.3 Power Alert

When the Cognivue Thrive® device is low on battery charge and not plugged in, if an attempt is made to start a testing session, e.g., upon clicking the **Run a Test** button on the main screen, it will display an alert and not allow the testing session to begin. Plugging in the device will allow tests to be administered. To avoid running out of power during a test, please charge the device for at least one hour before again administering tests on battery power.

6 Recommendations for Use

6.1 General Testing Location

When possible, choose a test location that reduces distractions (e.g. an exam room, office, or conference room rather than a busy hallway).

Put the device on a flat, stable surface that is ergonomically comfortable for the patient. The patient should be able to comfortably reach and manipulate the CogniWheel® and view the computer screen. Avoid placing the Cognivue Thrive® in a location where there may be distractions behind the device which are visible to the patient.



Avoid Distractions in the Patient Viewing Area Behind the Device

Figure 6-1 Testing Setup

DO NOT place the device on the patient's lap for the test. This does not provide a stable surface during the administration of the test. This interferes with a patient's ability to take the test.

6.2 Cleaning and Disinfecting Cognivue Thrive®

Cognivue recommends sanitizing the Cognivue Thrive® before and after administering a test using one of the following procedures:

- **Preferred:** Use sanitizing or disinfectant wipes to thoroughly wipe the CogniWheel® and the base of the device where the patient palm rests. **DO NOT** wipe the screen!
- Please turn the power off on the Cognivue Keyboard using the appropriate slider switch prior to cleaning/transport; this prevents unintentional keypress combinations on the device.
- In the event wipes are not available, spray a sanitizer onto a paper towel, being careful not to oversaturate the paper towel, and thoroughly wipe the CogniWheel® and the base of the device where the patient palm rests. **DO NOT** wipe the screen, and do NOT spray sanitizer or disinfectant directly onto the device!


6.3 Use of Personal Protective Equipment

In addition to sanitizing the device, Cognivue recommends that operators and patients wear a disposable mask while interacting with the device. If it is not possible to sanitize the device between patients, Cognivue recommends operators and patients use disposable gloves.


7 Network Connectivity

Cognivue Thrive® requires connection to a qualified network for initial setup and configuration but thereafter can be used to administer assessments offline. However certain features like Portal Sync, Printing, and Drive Mapping will be unavailable until the device is reconnected to a qualified network. In addition to these features, continued connection to qualified networks allows Cognivue to deploy both general purpose and security patches to the devices.

7.1 Basic Wired Connection

1. Connect one end of a standard network cable to an active network jack at your location
2. Connect the other end to the network port on the back of the Cognivue Thrive® device
3. If not automatically connected, follow the instructions above, selecting **Wired Connection 1**.
4. Success is indicated when the icon in the top left corner is the  Network icon.

7.2 Basic Wi-Fi Configuration

1. Click on the  Network icon in the status bar at the upper left corner of the screen
2. From the drop-down menu, select the available Wi-Fi network to which you wish to connect
 - a. If there are a large number of networks available, you may see a **More networks** option which you can check if you do not see your network listed.

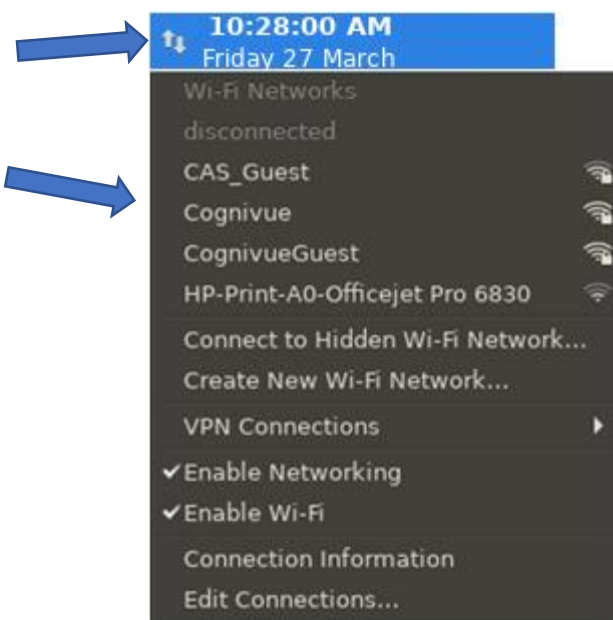



Figure 7-1 Network Menu

3. Enter the Wi-Fi password for the selected network
4. Click **Connect**



Figure 7-2 Authentication Prompt

5. Connection can take a few seconds. A successful connection is indicated by when the network icon in the top left changes to the  Wi-Fi connection strength icon indicating network connectivity.

In the future, the device will remember the network and automatically connect when possible.



Figure 7-3 Network Selection Menu

7.3 Connection Details

When logged on to a Cognivue Thrive® device, administrators can view and test the current network configuration information on the Network Configuration window

To open the **Network Configuration** window

1. Log in
2. Select **Device Administration >> Settings**
3. Click the **Network** tab

The **Network Configuration** window contains network configuration properties and their values

- The **Refresh** button refreshes the displayed connection values
- The **Test Connection** button confirms that the device has network connectivity
- The **Advanced Configuration** button opens settings for more advanced networking options



Figure 7-4 Network Configuration Screen

Advanced Configuration is intended for use by network administrators and/or Cognivue Support Staff.

The most common usage of this functionality is outlined in the guide for Static IP Configuration

8 Security

8.1 Login

The user **Login** window is how you log in to a device.

It is how you log in to the device. Logging in with an individual account ensures an audit trail for viewing patient reports and running assessments.

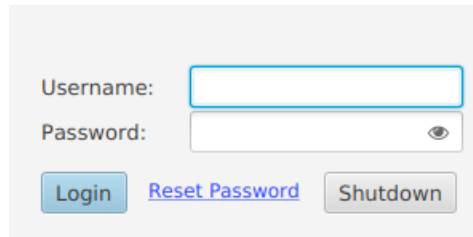
The image shows a login interface. It has two input fields: 'Username:' and 'Password:'. The 'Password:' field has an eye icon to toggle visibility. Below the fields are three buttons: a blue 'Login' button, a blue 'Reset Password' link, and a grey 'Shutdown' button.

Figure 8-1 Login Screen

The **Shutdown** button appears on the **Login** window can be used by anyone to power down the device. Clicking the **Shutdown** button will prompt confirmation before shutting down the device.

Note: This is the preferred way to shut down the device. The physical power button should be used only if necessary.

8.2 User Management

Each Cognivue Thrive® user should have their own user account to ensure audit trail and safety of patient data.

User accounts can be assigned as an Administrator or an Operator on the **User Management Screen**.

	Administrator	Operator
Setting up new accounts	X	
Delete accounts	X	
Changing accounts	X	
Configure network connection	X	X
Entering patient data & running a test	X	X
Running a test with an intro video	X	X
Viewing past test reports	X	

Table 8-1 User Account Roles and Permissions

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To open the **User Management Screen**

1. Log in
2. Select **Device Administration >> Settings**
3. Click the **Users** tab

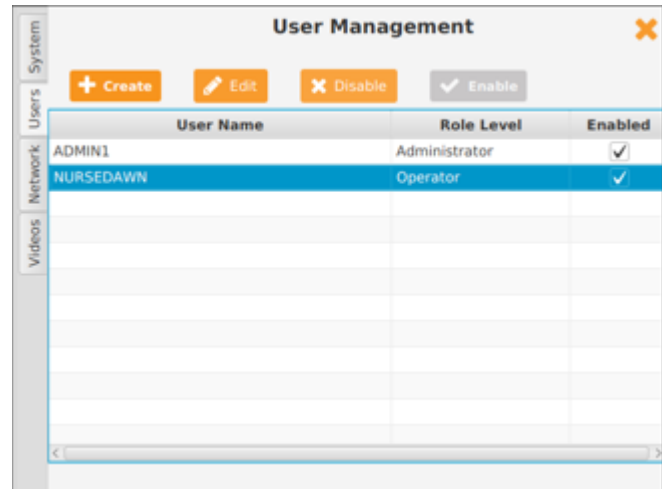


Figure 8-2 User Management Screen

8.3 User Creation

From the **User Management Screen**

1. Click **Create**
2. Fill out form
3. Click **Save**
4. Click **Yes** to confirm when prompted

The screenshot shows the 'User Creation' form. It has a title 'User Creation' with a user icon and a close button (X). Below the title is a instruction: 'Complete the form with the information for the new user and click Save.' The form contains the following fields:

- *Username: [text input]
- *Password: [text input with placeholder 'password']
- *Confirm Password: [text input with placeholder 'confirm password']
- *First Name: [text input with placeholder 'first name']
- *Last Name: [text input with placeholder 'last name']
- *Email: [text input with placeholder 'email']
- *Confirm Email: [text input with placeholder 'confirm email']
- *Role: [dropdown menu with 'OPERATOR' selected]

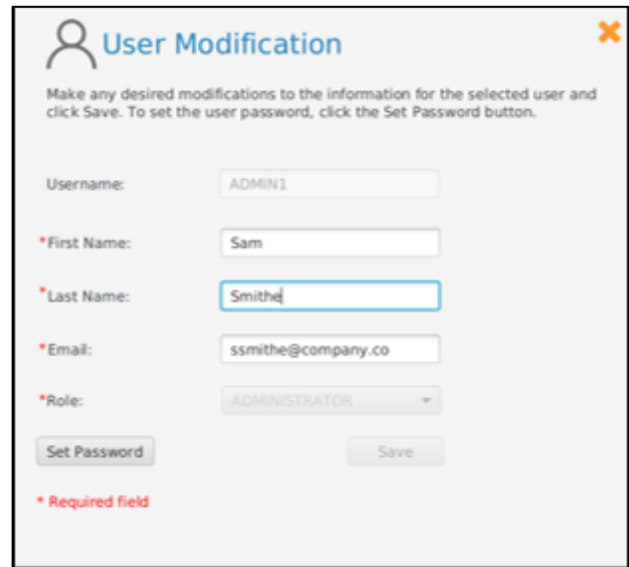
At the bottom right is a 'Save' button. A red asterisk (*) indicates required fields. A legend at the bottom left shows a red asterisk followed by the text '* Required field'.

Figure 8-3 User Creation Screen

8.4 User Modification

From the **User Management Screen**

1. Select a user from the list
2. Click **Edit**
3. Make the desired changes
4. Click **Save**
5. Click **Yes** to confirm when prompted



The screenshot shows the 'User Modification' screen. At the top, there is a user icon and the title 'User Modification' in blue. Below the title is a brief instruction: 'Make any desired modifications to the information for the selected user and click Save. To set the user password, click the Set Password button.' The form contains several fields: 'Username' with the value 'ADMIN1', '*First Name' with 'Sam', '*Last Name' with 'Smith' (highlighted with a blue border), '*Email' with 'ssmith@company.co', and '*Role' with a dropdown menu showing 'ADMINISTRATOR'. There are two buttons at the bottom: 'Set Password' and 'Save'. A red asterisk and the text '* Required field' are located at the bottom left of the form.

Figure 8-4 User Modification Screen

8.5 Password Reset

If a Cognivue Thrive® user is unable to remember their password, the process to reset their password can be initiated from the device's Login Screen:

1. Click **Reset Password**
2. Enter the username to reset
3. Click **OK** to confirm when prompted
4. Check user's associated email account for an email from donotreply@cognivue.com with a temporary password
5. Once the email from donotreply@cognivue.com has been sent, that user has 24 hours to login to their Cognivue Thrive® device and enter the temporary password they received
6. After logging in successfully, the user will be prompted to create a new password – this is the password they will use to login to the Cognivue Thrive® device going forward

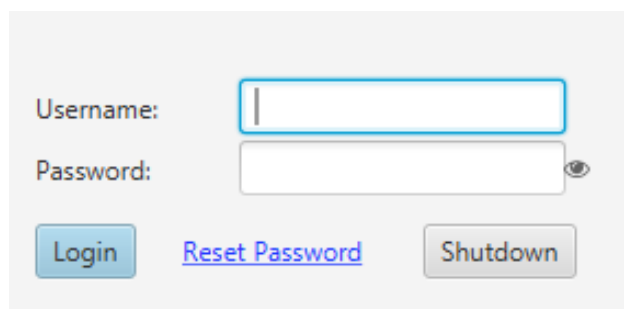
The image shows a login interface with two input fields: 'Username:' and 'Password:'. Below the fields are three buttons: 'Login' (blue), 'Reset Password' (blue text link), and 'Shutdown' (grey). The 'Reset Password' button is highlighted with a blue border.

Figure 8-5 Reset Password Link

The image shows a screen titled 'Reset Password' with a yellow 'X' icon in the top right. The text reads: 'Enter the Username of the user you wish to reset. If the user exists on the device, its password will be reset and an email containing the new password will be sent to the associated email address.' Below this is a 'Username:' label and an input field, followed by a 'Search for user' button.

Figure 8-6 Reset Password User Selection

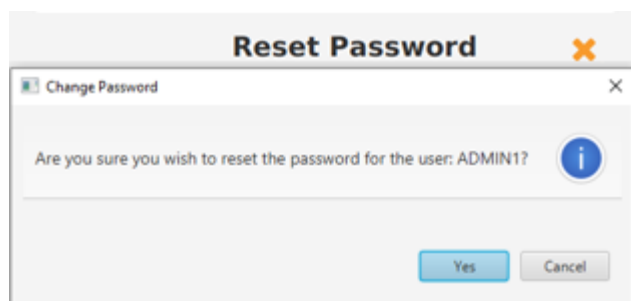
The image shows a dialog box titled 'Reset Password' with a yellow 'X' icon in the top right. The text inside reads: 'Are you sure you wish to reset the password for the user: ADMIN1?'. There is an information icon (i) to the right of the text. At the bottom are 'Yes' and 'Cancel' buttons.

Figure 8-7 Reset Password Confirmation Prompt

8.6 Auto-Logout

To prevent unauthorized access, the Cognivue Thrive® device will automatically log out the active user after 30 minutes of inactivity.

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8.7 Password Expiration

Password expiration forces users to change their account passwords after a set number of days. Password expiration applies to all user accounts but is disabled by default.

Users are warned about password expiration for three days before it expires. Once expired, the user will be forced to change their passwords before they can log in.

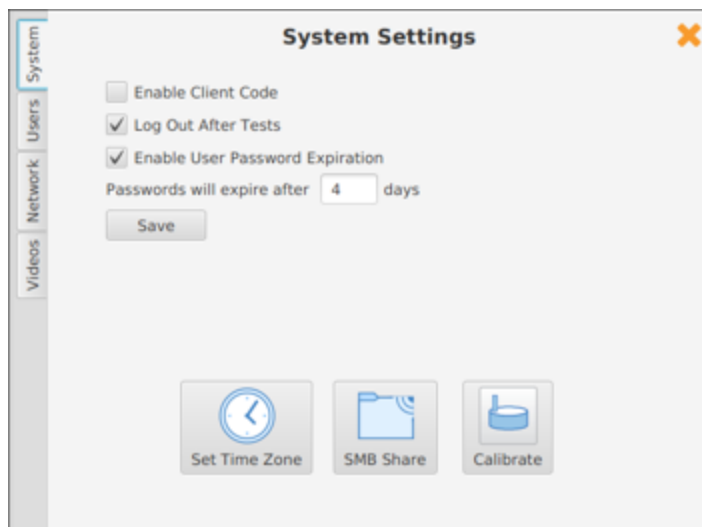


Figure 8-8 Enabling User Password Expiration (System Settings)

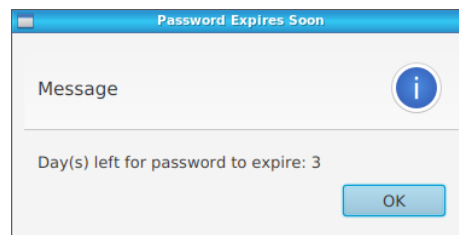


Figure 8-9 Password Expiration Prompt

To enable/disable password expiration:

1. Navigate to **Device Administration >> Settings**
2. Click the **Enable Password Expiration** checkbox
3. When this feature is enabled, a password lifetime must be specified
4. Enter the number of days in the text field labeled **Password Expires after**

8.8 Disabling Accounts

To maintain an audit trail, User Accounts cannot be fully removed from the system. Disabling prevents the user from logging in. Disabled accounts can be reactivated in the future.

From the **User Management Screen**

1. Click on a user in the list
2. Click the **Disable User** button
3. Click **Yes** to confirm when prompted

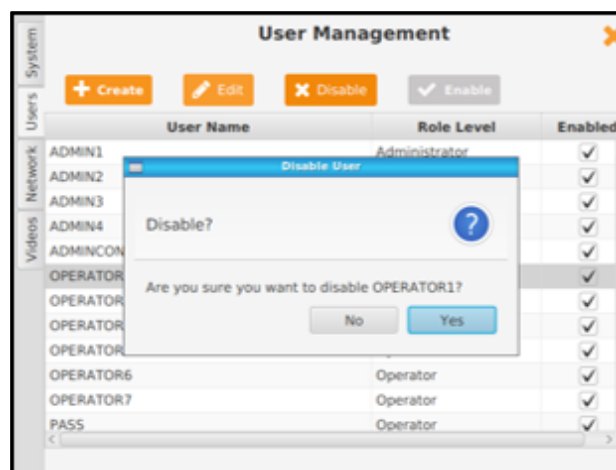


Figure 8-10 Disable User Confirmation Prompt

9 System Settings

The Cognivue Thrive® device includes several configurable options. The ability to make these configuration changes is available only to Administrator users on the **System Settings** screen

The System Settings Screen is on the System tab of the Device Administration page

To open the **System Settings** Screen

1. Log in
2. Select **Device Administration**
 >> **Settings**
3. Click the **System** tab

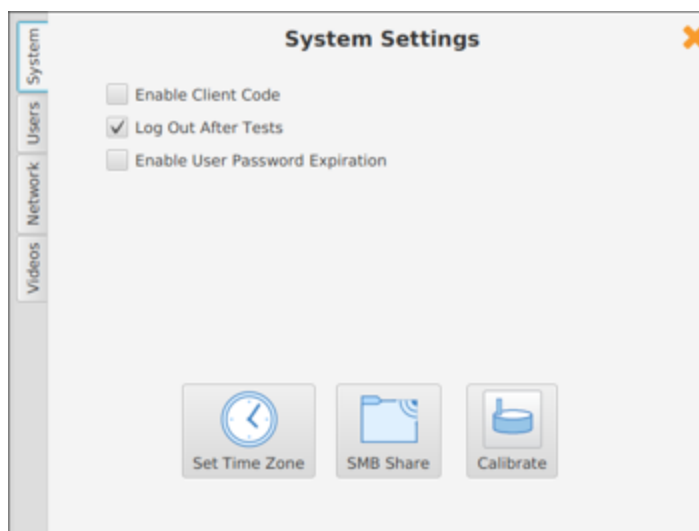


Figure 9-1 System Settings Screen

9.1 Client Code

The Cognivue Thrive® device provides the option to include a custom code on all tests for purposes of categorization. Any sequence of up to 100 characters can be entered for each patient test session.

A user account with the Administrator role can enable it by checking the **Enable Client Code** checkbox on the **System Settings** screen. Making this selection will add the Client Code text box to the **Assessment Setup** screen before each assessment, where operators can enter the client code.

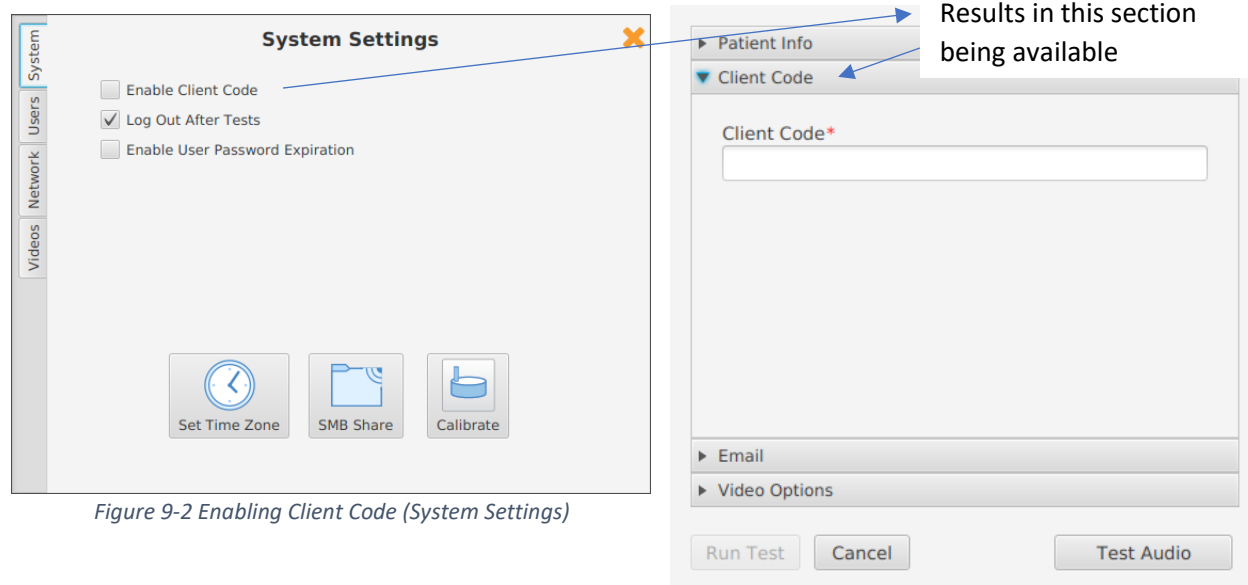


Figure 9-2 Enabling Client Code (System Settings)

Figure 9-3 Client Code (Assessment Setup Screen)

9.2 Video Settings

This screen allows Administrators to ensure the intro video will always be shown to patients. If the option is unchecked here, the choice is left to the Operator who sets up the test for the patient.

- Always Play Intro Video → Play the introduction video before every test
- Always Play Instructional Videos → Plays short instructional videos during the test
- Always Play Post Test Video → Plays a congratulatory video when the test completes

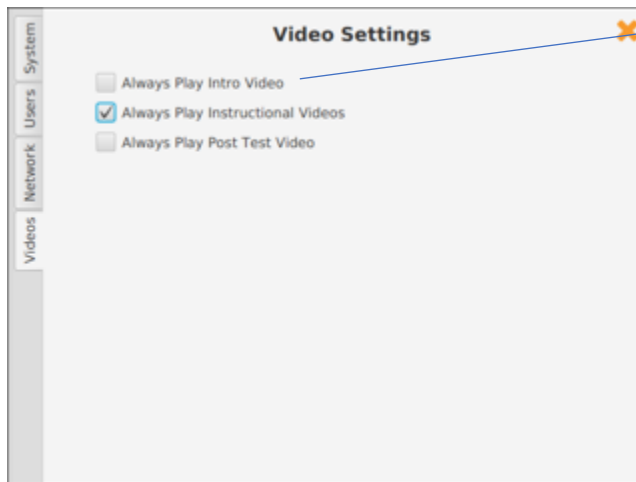


Figure 9-4 Default Video Settings

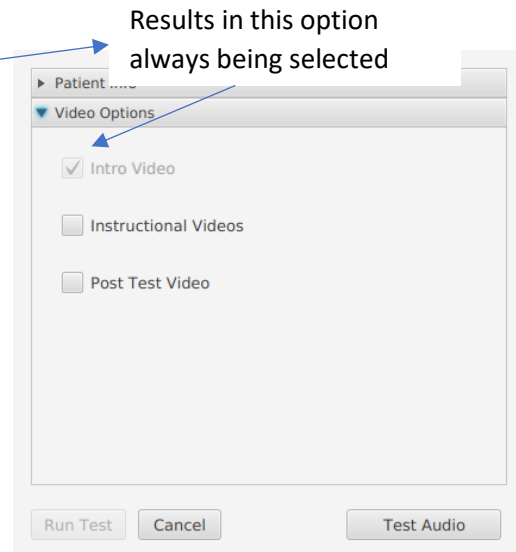


Figure 9-5 Video Options (Assessment Setup Screen)

10 Report Settings

The Cognivue Thrive® reports are configurable to meet the needs of the practice using the device. These configuration changes are available only to Administrator user accounts on the **Report Configuration** screen.

To open the **Report Settings Screen**:

1. Login to the device as a user with administrator privileges
2. Select **Device Administration >> Report Settings**

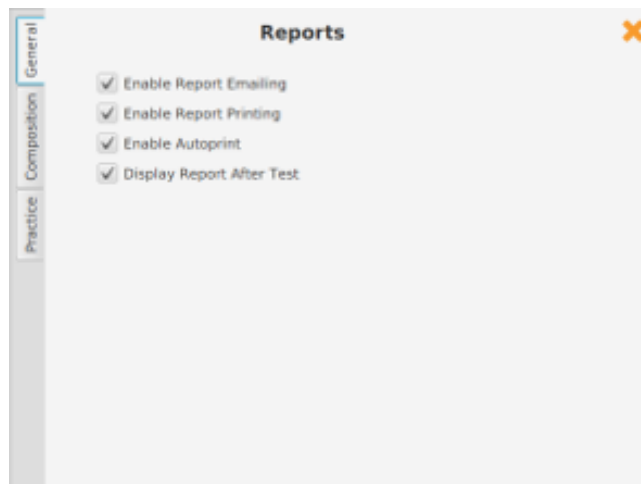


Figure 10-1 Default Reports Settings

10.1 Report Emailing

Cognivue Thrive® provides the ability to send the test report via an encrypted email to a patient following completion of a test. This feature is enabled by default. An Administrator can disable this functionality by unchecking the **Enable Report Emailing** checkbox.

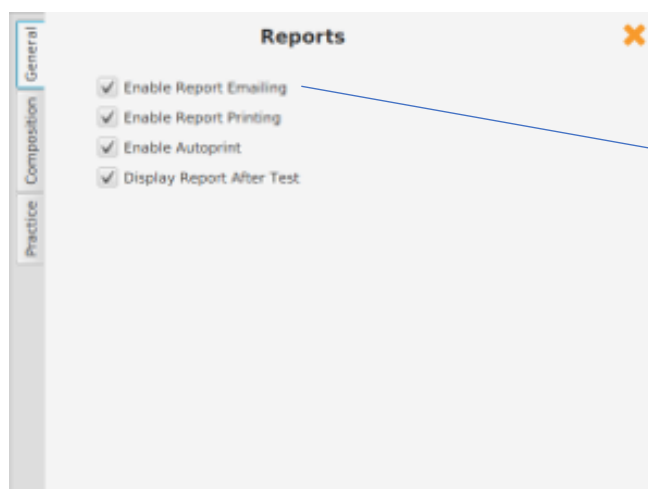


Figure 10-2 Reports Settings Screen

Checking the box for “Enable Report Emailing” results in this section being available on the Assessment Setup Screen

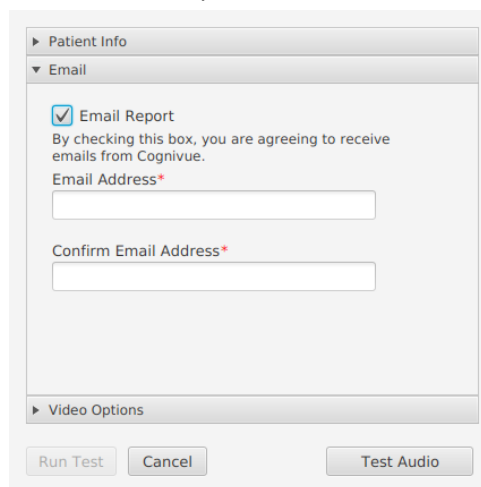


Figure 10-3 Email (Assessment Setup Screen)

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When enabled, the option for the patient to receive a copy of the test report via encrypted email will be provided on the **Assessment Setup** Screen.

10.2 Report Printing

Cognivue Thrive® provides the ability to print the test report to a configured, connected printer. Printing test reports from Cognivue Thrive® is enabled by default. An Administrator can disable this functionality by unchecking the **Enable Report Printing** checkbox.

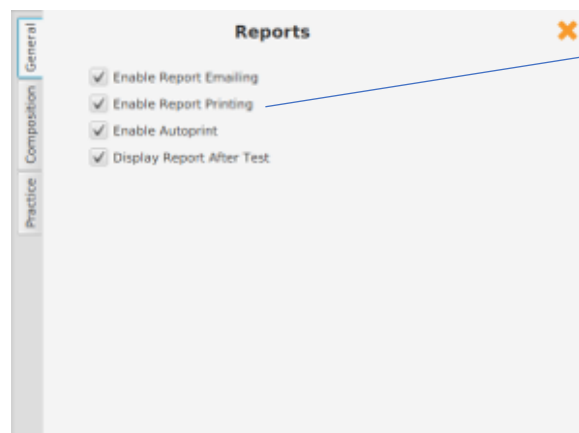


Figure 10-4 Report Settings Screen

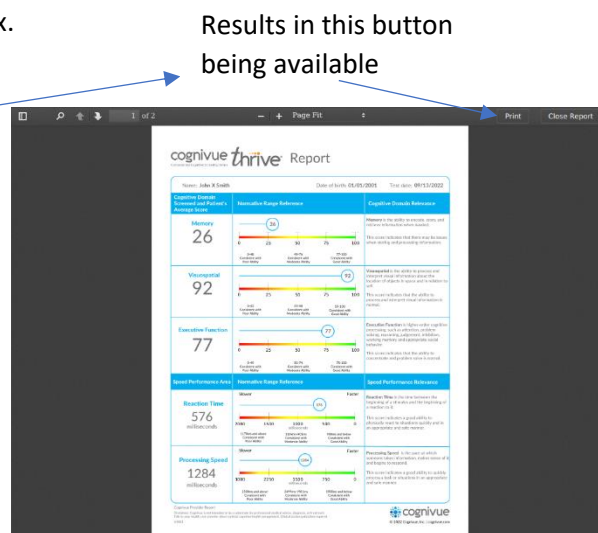


Figure 10-5 Report Viewer

When enabled, a **Print** button will be displayed on the top navigation bar of the **Report Viewer** screen.

10.3 Automatic Printing

Cognivue Thrive® provides the ability to automatically print the associated report upon completion of a test. Automatic printing of test reports is disabled by default. An Administrator can enable this functionality by checking the **Auto Print** checkbox

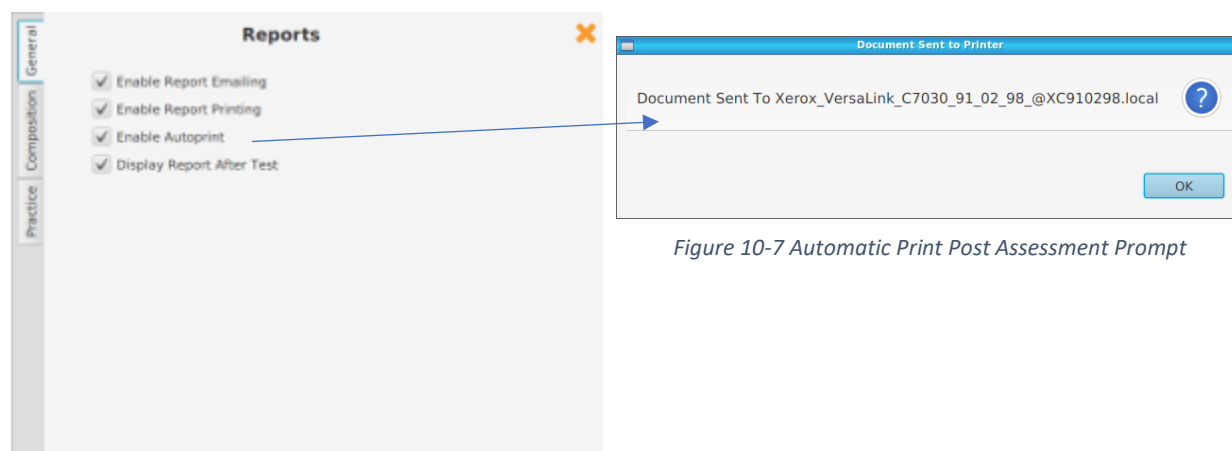


Figure 10-6 Reports Settings Screen

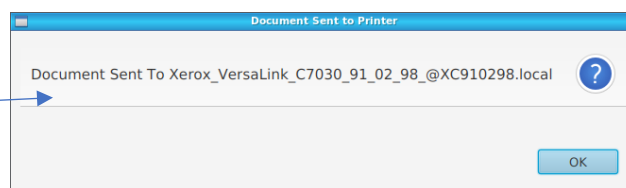


Figure 10-7 Automatic Print Post Assessment Prompt

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10.4 Report Composition

To open the **Report Settings Screen**

1. Log in
2. Select **Device Administration >> Report Settings**
3. Click the **Composition** tab



Figure 10-8 Report Composition Screen

WARNING: At the conclusion of the assessment, only the selected reports will be generated. Reports that do not have check marks next to them will not be generated. Reports cannot be generated after an assessment has been completed either, so unchecked reports will be permanently unavailable.

10.5 Practice Information

To open the **Practice Information Screen**

1. Log in
2. Select **Device Administration >> Report Settings**
3. Click the **Practice** tab

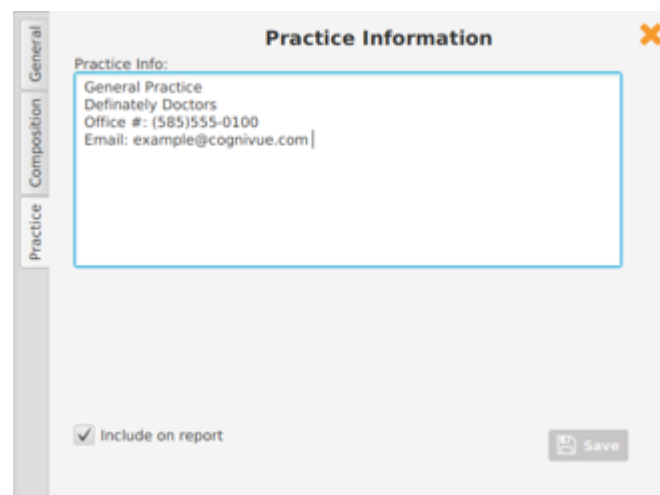


Figure 10-9 Practice Info Screen

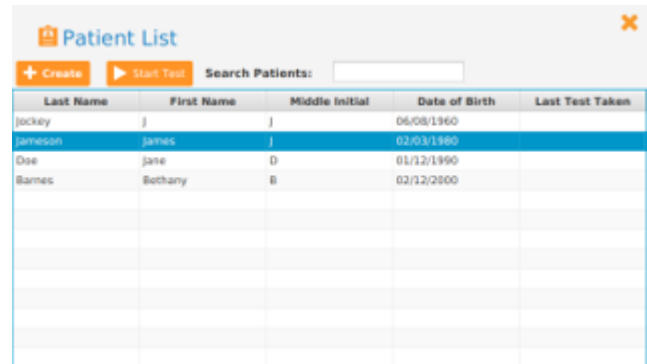
11 Portal Menu

For details about how to setup and utilize the Portal see the **Portal User Manual**

12 Patient Management

To open the **Patient List** Screen

1. Log in
2. Click the **Patient** button



Last Name	First Name	Middle Initial	Date of Birth	Last Test Taken
Jockey	J		05/05/1960	
Jameson	James	J	02/03/1980	
Doe	Jane	D	01/12/1990	
Barnes	Bethany	B	02/12/2000	

Figure 12-1 Patient List Screen

12.1 Pre Entering Patients

Patient demographic information can be pre-filled to speed up the test setup process

1. Click on the **Create** button to display the **Patient Creation** Screen
2. Fill out form
3. Click **Save**
4. Click **OK** to confirm when prompted



Patient Creation

Complete the form with the information for the new patient and click Save.

First Name* MI* Last Name*

Date of Birth* / /

Sex*

Email Address

* Required field

Figure 12-2 Patient Creation Screen

13 Assessments

Test administration is the core feature of Cognivue Thrive®. There are two paths to starting an assessment: From the **Main** Screen and from the **Patient List** Screen.

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13.1 Run Test (Main Screen)

1. From the **Main Screen** Click the **Run a Test** button

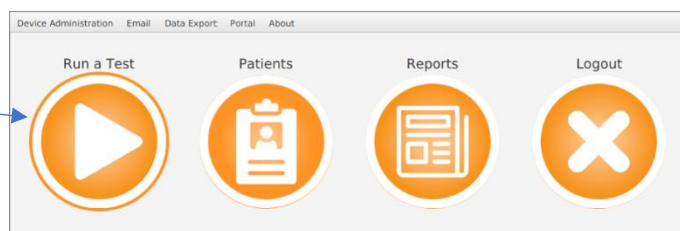


Figure 13-1 Main Screen (Administrator)

2. Fill out patient data (Name, date of birth, *sex)
3. Select the patient's preferred language for the test (English or Spanish)
4. Enter any additional information as desired
5. Select appropriate video options or use the defaults
6. Click **Run Test**

The image shows the 'Assessment Setup Screen' for a patient. The title is 'Patient Info'. There are several input fields: 'First Name*' with the value 'John', 'MI*' with the value 'X', and 'Last Name*' with the value 'Smith'. Below these is 'Date of Birth*' with a date picker showing '01 / 01 / 2001'. There is a 'Sex*' dropdown menu with 'Male' selected. Below that is a 'Test Language' dropdown menu with 'English' selected. There are two expandable sections: 'Email' and 'Video Options'. At the bottom, there are three buttons: 'Run Test', 'Cancel', and 'Test Audio'. Blue arrows point from the list items to the corresponding fields: 'Fill out patient data' points to the name fields, 'Select the patient's preferred language' points to the 'Test Language' dropdown, 'Enter any additional information' points to the 'Email' section, 'Select appropriate video options' points to the 'Video Options' section, and 'Click Run Test' points to the 'Run Test' button.

Figure 13-2 Assessment Setup Screen

7. The patient should turn the CogniWheel to start the test

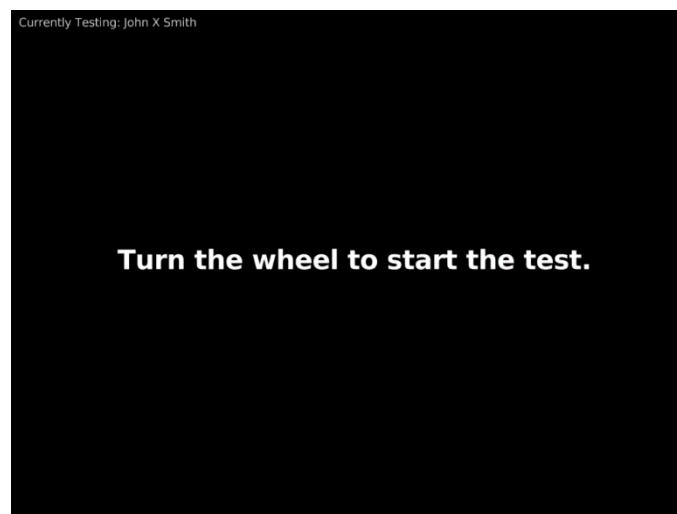


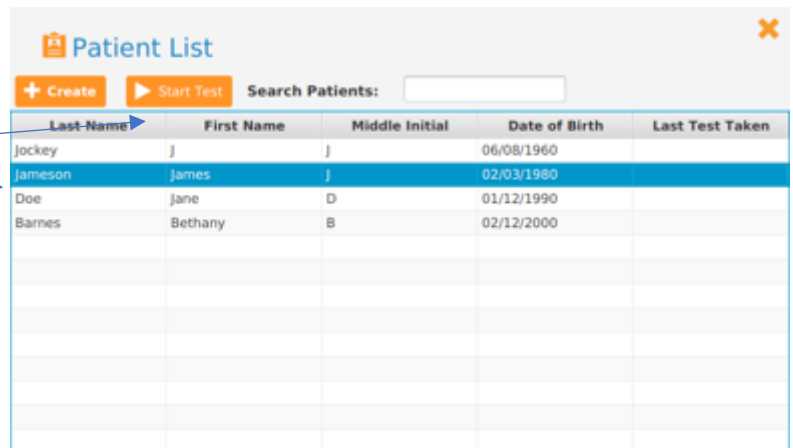
Figure 13-3 Start of the Cognivue Assessment

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13.2 Run Test (Patient List Screen)

From the **Patient List** Screen

1. Select a patient
2. Click the **Start Test** button

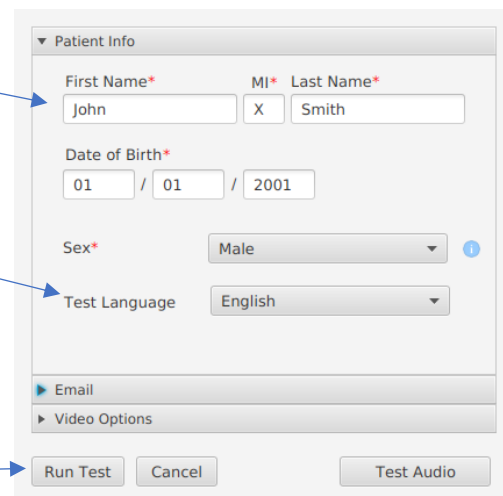


The Patient List screen features a title bar with a home icon, the text 'Patient List', and a close button. Below the title bar are two buttons: '+ Create' and '▶ Start Test', followed by a 'Search Patients:' search bar. The main area is a table with five columns: Last-Name, First Name, Middle Initial, Date of Birth, and Last Test Taken. The table contains three rows of patient data.

Last-Name	First Name	Middle Initial	Date of Birth	Last Test Taken
Jockey	J	J	06/08/1960	
Jameson	James	J	02/03/1980	
Doe	Jane	D	01/12/1990	
Barnes	Bethany	B	02/12/2000	

Figure 13-4 Patient List Screen

3. Fill out patient data (Name, date of birth, *sex)
4. Select the patient's preferred language for the test (English or Spanish)
5. Select appropriate video options or use the defaults
6. Enter any additional information as desired
7. Click **Run Test**



The Assessment Setup screen is a form for entering patient information. It includes fields for First Name*, MI*, and Last Name*. The Date of Birth* is entered in MM/DD/YYYY format. Sex* is a dropdown menu with 'Male' selected. Test Language is a dropdown menu with 'English' selected. There are sections for Email and Video Options, both currently collapsed. At the bottom are buttons for 'Run Test', 'Cancel', and 'Test Audio'.

Patient Info

First Name* MI* Last Name*

John X Smith

Date of Birth*

01 / 01 / 2001

Sex* Male

Test Language English

Email

Video Options

Run Test Cancel Test Audio

Figure 13-5 Assessment Setup Screen

8. The patient should turn the CogniWheel to start the test

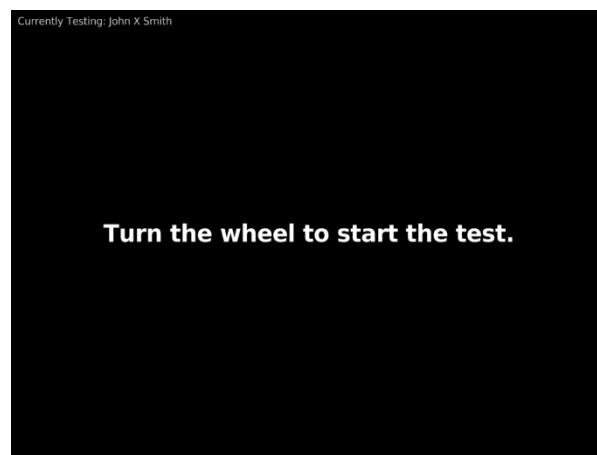
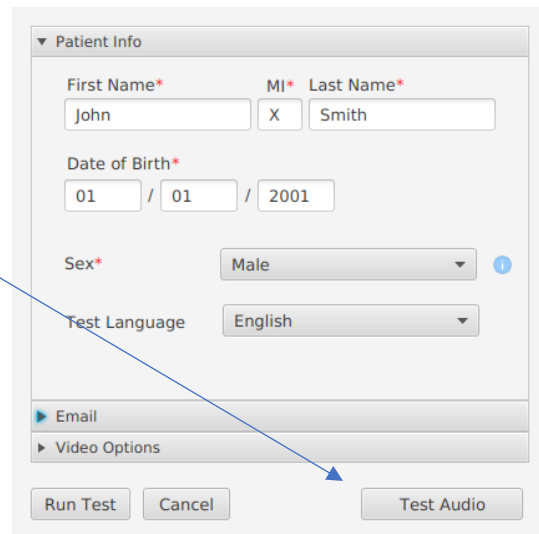


Figure 13-6 Start Assessment Screen

13.3 Video Volume Control

Before starting Cognitive Assessments test the audio using the **Test Audio** button on the **Assessment Setup** Screen



The screenshot shows a 'Patient Info' form with the following fields: First Name* (John), MI* (X), Last Name* (Smith), Date of Birth* (01 / 01 / 2001), Sex* (Male), and Test Language (English). Below these fields are sections for Email and Video Options. At the bottom are three buttons: Run Test, Cancel, and Test Audio. A blue arrow originates from the text 'Test Audio button' and points directly to the Test Audio button.

Figure 13-7 Assessment Setup Screen

In order to control the volume of video playback, the volume control keys on the keyboard can be used.



Figure 13-8 Volume Keys

Note: The **Mute** button sets the volume to its lowest setting. To unmute, it is necessary to use the volume-up key to increase the volume to the desired level.

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14 Assessment Reports

There are three different reports and resources that can be generated at the conclusion of a cognitive assessment:

- Practitioner Report
- Thrive Patient Report
- Cogniwell Information Sheet

Device administrators can configure which reports are generated from the Composition Settings tab of the Report Setting screen (see the **Report Setting** section of this manual).

14.1 Practitioner Report

This report is intended for the practitioner or physician. It displays the test scores and normalized ranges. Additional information is provided to the practitioner to help them explain the scores to the patient. Clinical contextualization is required.

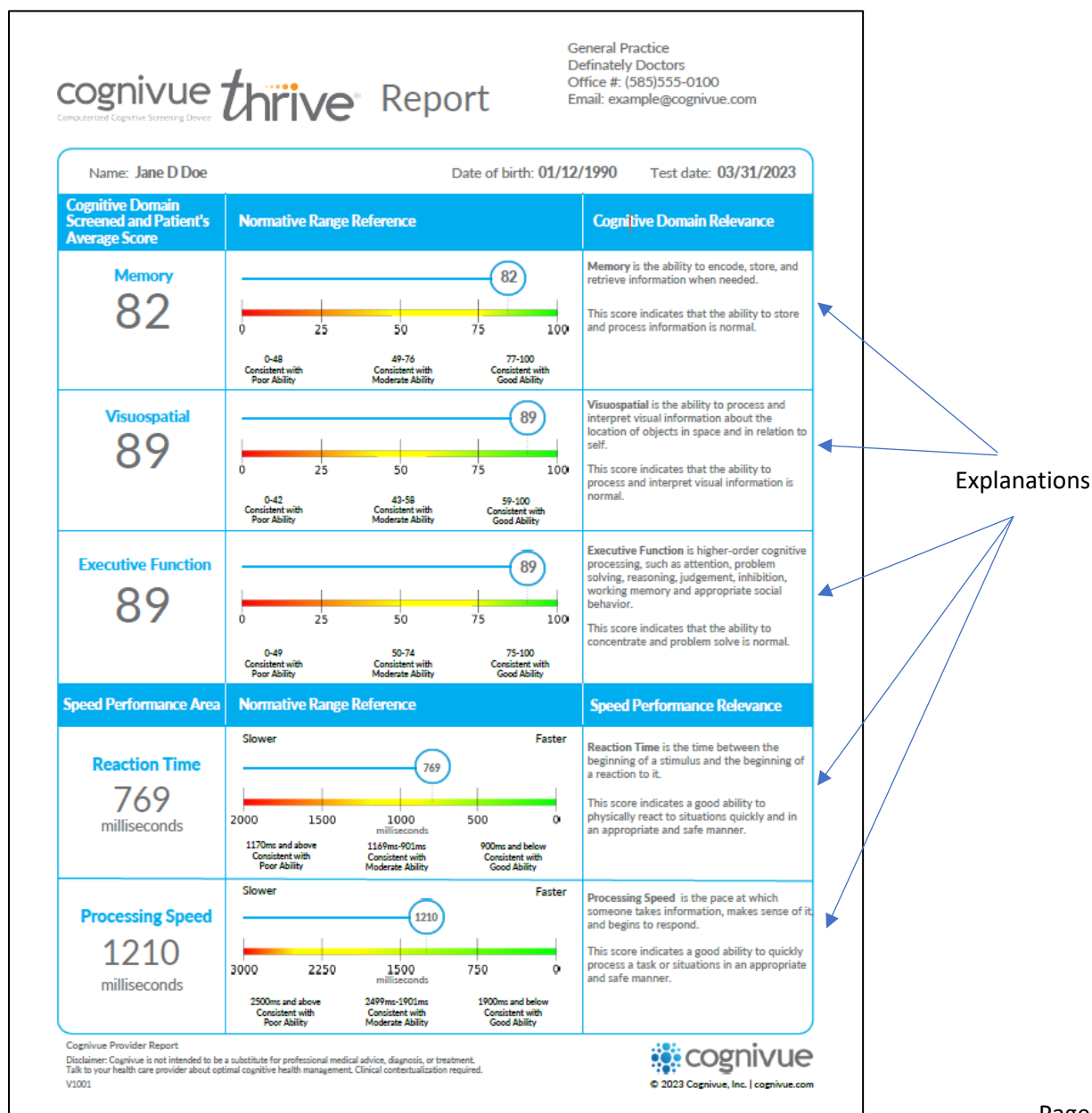


Figure 14-1 Practitioner Report

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14.2 Thrive Patient Report

This report is intended for the patient. It contains the test scores and normalized ranges. Additional information is provided to define the domains in patient-friendly language. Clinical contextualization is required.

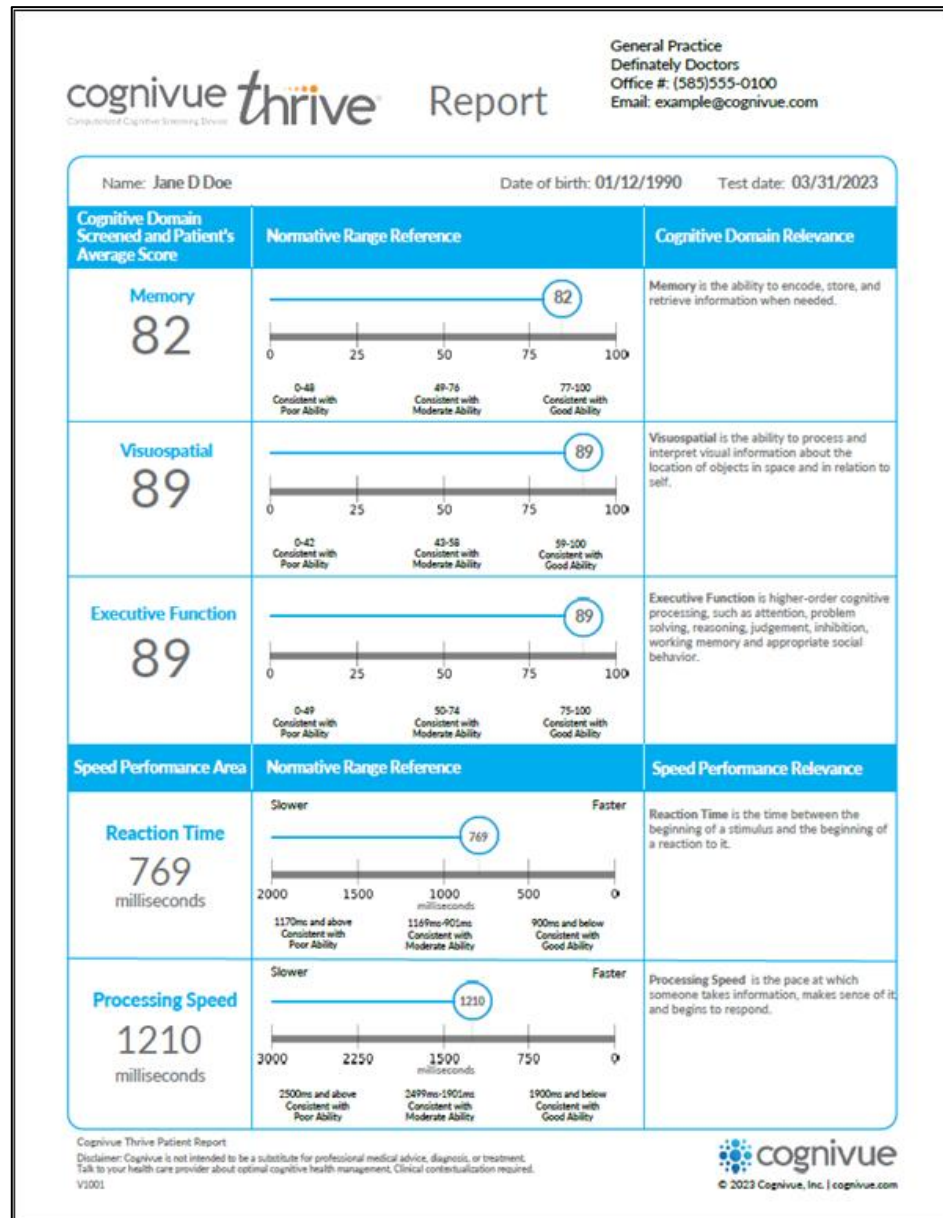


Figure 14-2 Thrive Patient Report

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14.3 Cogniwell Letter

The CogniWell Lifestyle Letter provides information about modifiable lifestyle factors that can have an impact on cognitive performance.



Take control of your memory and brain health

You have the power to optimize your cognition by adopting a combination of key healthy lifestyle habits and being aware of your overall wellness. Studies show that taking proactive steps may help reduce your risk of memory loss and other forms of cognitive decline. Here are evidence-based recommendations to proactively manage lifestyle-related risk factors and certain medical conditions that may affect cognition.

 Stay Mentally Fit	Exercising your mind can help your brain perform at its best Participating in cognitively stimulating activities may help sharpen certain thinking skills that tend to diminish with age. Have fun engaging your brain by reading books, playing games, and doing puzzles.
 Maintain Connections	Being socially active is brain friendly Studies have shown that increased social activity is linked to a lower rate of cognitive decline. To stay social, connect with friends and family, or consider volunteering for a local organization.
 Exercise Regularly	Exercising your body can help keep your brain in shape Research supports a strong link between physical activity and brain health. It is recommended to get at least 150 minutes of moderate aerobic activity a week. Any activity that gets your heart pumping counts as aerobic activity, such as walking, dancing, and biking.
 Eat Healthy	Eating right feeds a healthy body and mind Food that is good for your overall health is good for your brain. Talk to your physician about whether you are consuming a balanced diet that takes into consideration appropriate numbers of calories and nutrients.
 Sleep & Relax	Getting a good night's sleep rests your body and mind Insufficient sleep can not only make a person irritable, it can affect memory and decision making. Healthy adults need between 7 and 9 hours of sleep per night.
 Healthy Hearing	Hearing health is important to your cognitive health Hearing impairment has been recognized as a modifiable contributor to cognitive decline when identified in mid-life. See your hearing healthcare professional to help maintain your hearing health.
 Optimal Vision	Manage or prevent vision impairment Research has found the relationship between cognitive decline and vision impairment may be a modifiable risk factor. To manage or prevent vision impairment, schedule regular visits with your vision healthcare provider.
 Medication Management	Medication management is important to your overall health Taking your medicine as prescribed is important for overall health. Reviewing your medications with your healthcare provider or pharmacist is an integral part of medication management.



cognivue.com

Disclaimer: Cognivue Clarity/Thrive® is indicated for use as an adjunctive tool for evaluating cognitive function. It is not a stand-alone diagnostic tool and does not identify the presence or absence of clinical diagnoses. The device results are to be assessed and interpreted by a licensed clinician. Cognivue, Cognivue Thrive and Cognivue Clarity are trademarks or registered trademarks of Cognivue in the US and/or other countries. © Cognivue. All rights reserved. CG-1003 (04_2023)

Figure 14-3 Cogniwell Letter

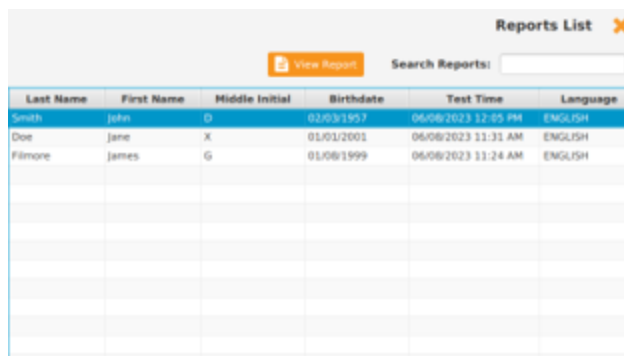
15 Accessing Reports

15.1 Viewing Reports

After a Cognitive Assessment has been completed the report can be reviewed by going to the **Report List** Screen.

15.2 Reviewing Reports

Administrators can review the test report by Selecting the **Reports** button from the Main Menu Screen. A list of available reports will be presented. After selecting the desired report from the list, click the **View Report** button to display the report.



The screenshot shows the 'Reports List' interface. At the top right is the title 'Reports List' with a close icon. Below it is an orange 'View Report' button and a search bar labeled 'Search Reports:'. The main area contains a table with the following data:

Last Name	First Name	Middle Initial	Birthdate	Test Time	Language
Smith	John	D	02/03/1957	06/06/2023 12:05 PM	ENGLISH
Doe	Jane	X	01/01/2001	06/06/2023 11:31 AM	ENGLISH
Filmore	James	G	01/06/1999	06/06/2023 11:24 AM	ENGLISH

Figure 15-1 Report List Screen

15.3 Printing

Test reports may be printed from the Cognivue Thrive® device whenever a report is opened in the report viewer. The print feature prints to the device's default printer.

The Default printer can be set from any screen

1. Click the printer icon using the menu bar in the upper left corner of the screen
2. Right click on the preferred Printer
3. Click **Set As Default**



Figure 15-2 Printer Menu Icon

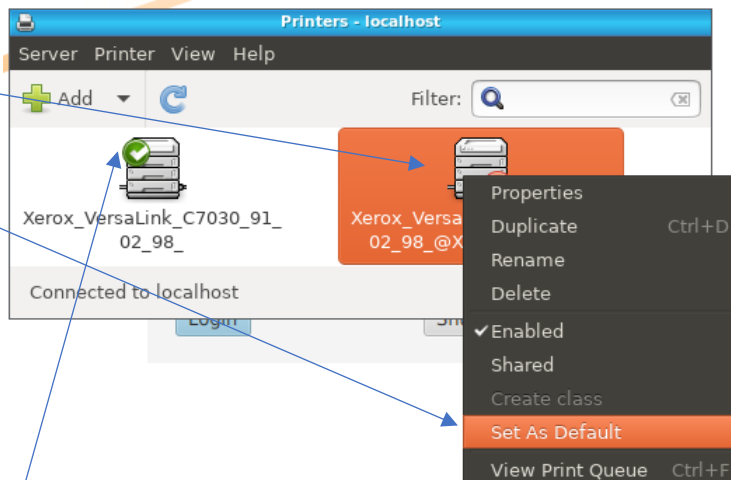


Figure 15-2 Printer Management Screen

4. A pop-up Set Default Printer will appear. Selecting Set as the system-wide default printer, press OK to continue

A green checkbox indicates that the printer has been set as default

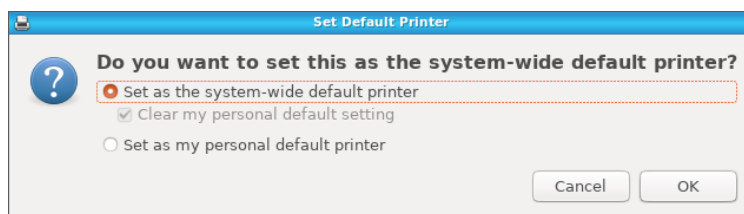


Figure 15-4 Set Default Printer Prompt

15.4 Emailing

Emailing reports from the device requires consent on a per assessment basis. The checkbox on the start assessment screen or the re-entry of a pre-existing patient's email serves as this consent.

If the email cannot be sent after the assessment due to network interruption the email can be resent once the network is restored via the **Email Menu** on the **Main Screen** for an administrator user.

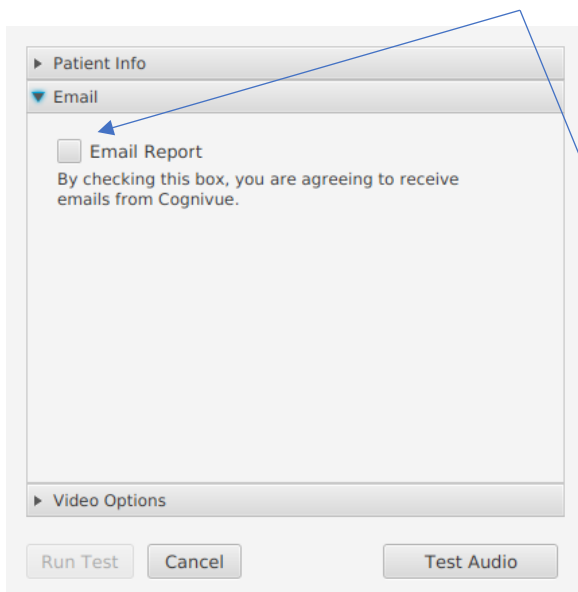


Figure 15-5 Email Report Checkbox

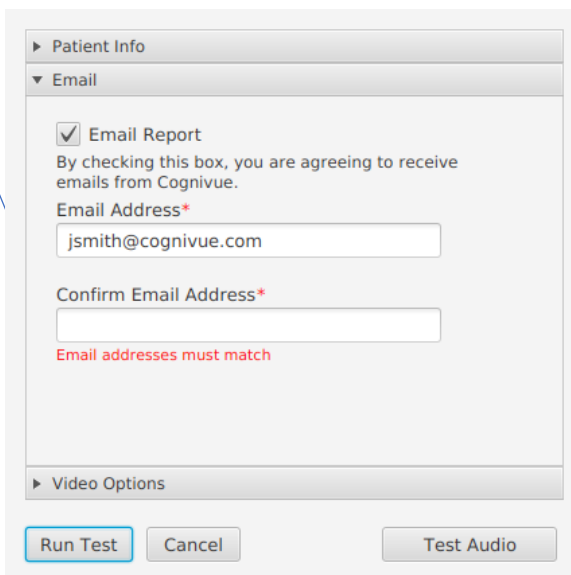


Figure 15-6 Email Report Confirmation

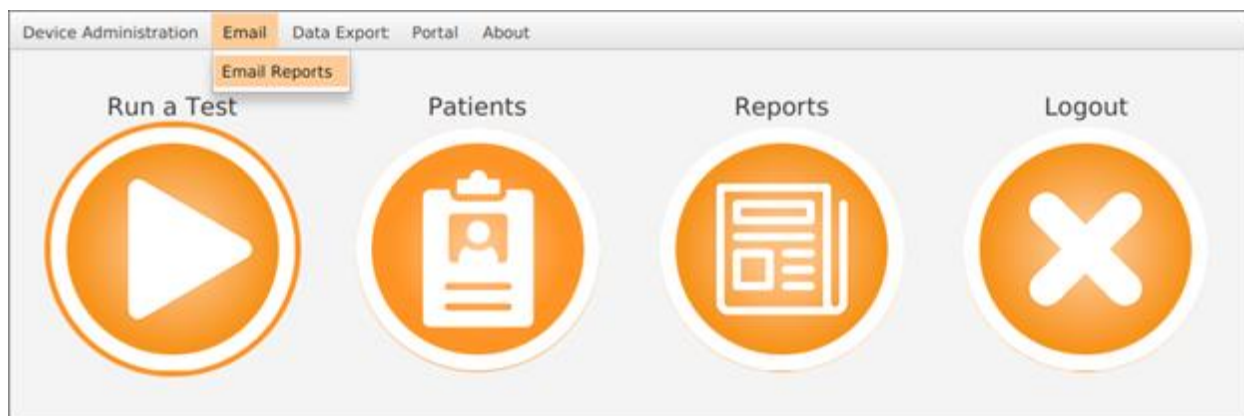


Figure 15-7 Email Report Menu

15.5 Drive Mapping

15.5.1 Setting the SMB Share Password

The SMB password can be set and reset on device by an administrator user.

From the **System Settings** Screen

1. Click the **SMB Share** Button

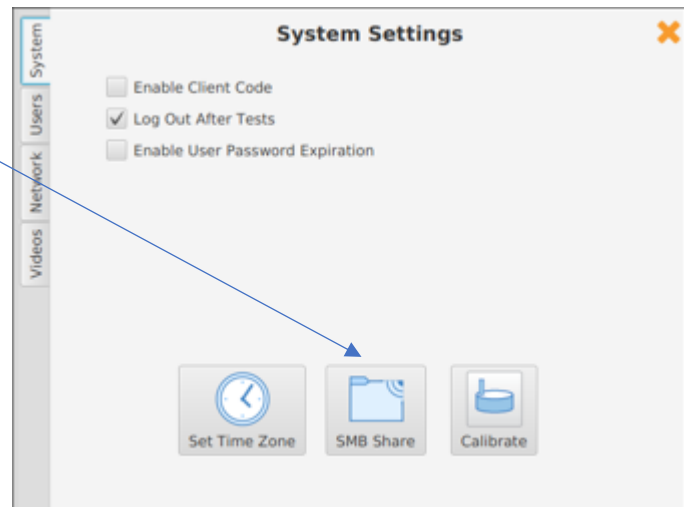


Figure 15-8 System Settings Screen

2. Enter a password that meets all the requirements

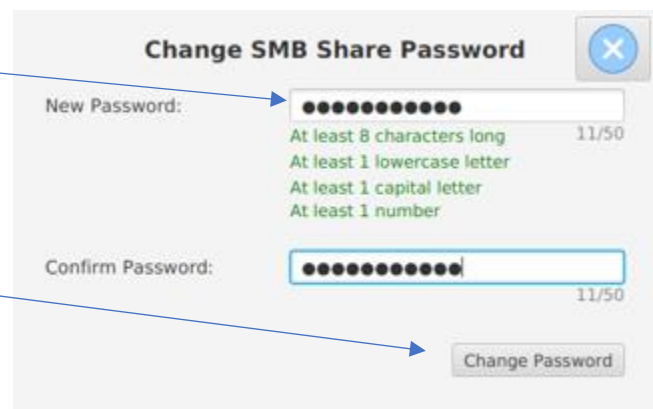


Figure 15-9 Change SMB Password

4. Click to confirm the change



Figure 15-10 Change SMB Password Confirmation Prompt

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15.5.2 Reports Mapping

This mapping provides access to the report pdfs sorted into folders based on the name and date of birth of the patient.

To map this drive, follow the appropriate Drive Mapping Instructions available at www.cognivue.com/support.

The information you will need for this share is

- Ip Address: Retrieved from the Network tab
- Mapping folder: Reports (e.g., \\192.168.0.48\Reports)
- Username: cogaccess
- Password: Set by device administrator

15.5.3 CSV Mapping

The CSV store provides access to csv files with the condensed data from all patient reports. These exports are generated by clicking the **Data Export** menu and selecting the **CSV Export** menu item.

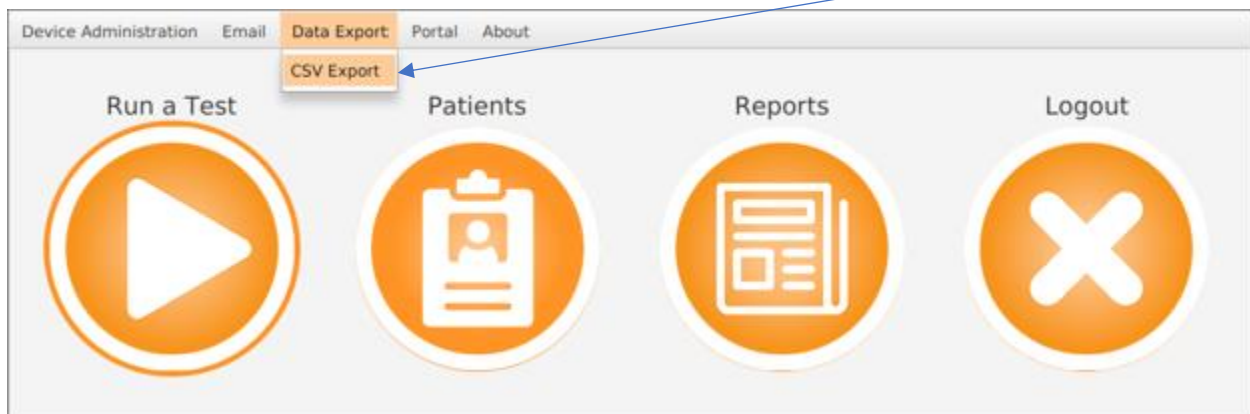


Figure 15-11 CSV Export Menu

The data included is:

- Last Name
- First Name
- Middle Initial
- Patient ID
- Sex
- Date of Birth
- Test Start Date-Time
- Serial Number
- Language
- Intro Video
- Instructional Videos
- Post Test Video
- Visuospatial
- Executive Function

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- Memory
- Reaction Time (ms)
- Processing Speed (ms)

To map this drive, follow the appropriate Drive Mapping Instructions available at www.cognivue.com/support.

The information you will need for this share is

- Ip Address: Retrieved from the Network tab
- Mapping folder: Csv (e.g., \\192.168.0.48\Csv)
- Username: cogaccess
- Password: Set by device administrator

16 Technical Specifications

Operating Environment	10 to 30 °C (50 to 86 °F) 10% to 85% Relative humidity, non-condensing 70 to 106 kPa Atmospheric Pressure
Transport and Storage Environment	-20 to 50 °C (-4 to 122 °F) 10 to 85% Relative humidity, non-condensing 50 to 106 kPa Atmospheric Pressure
Power Input	19V DC, 3.5 A Nominal
Weight	4.2 kg (9lbs 2oz)
Wireless Communications	Intel Dual Band Wireless-AC 3168 20 dBm max output power for 2.4 GHz 802.11b/g/n 23 dBm max output power for 5.0 GHz 802.11a/n/ac

17 Safety Precautions

Observe the following precautions to ensure safety and to prevent damage to Cognivue Thrive®:

- Do not place on uneven or unstable surfaces.
- Do not make any modifications or alterations to the device.
- Do not connect unauthorized peripherals to the device.
- Do not open the device cover or modify the device. There are no customer serviceable parts.
- Do not apply weight onto the device.
- Do not connect a multiple socket outlet or extension cords to Cognivue Thrive®.
- Do not install the unit such that the power cord is a tripping hazard.
- Do not expose to liquids, rain, or moisture except in routine cleaning of surfaces.
- This product contains rechargeable batteries. At end of use, return the device to Cognivue or dispose according to local guidelines.
- Only use the provided AC Power Adapter with this device.
- Removal of the power cord from the inlet is the mains disconnect.

WARNING: To avoid the risk of electric shock, this equipment must only be connected to a supply mains with protective earth.

WARNING: Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

WARNING: Use of accessories, transducers, and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

WARNING: Portable RF communications equipment should be used no closer than 30 cm (12 inches) to any part of Cognivue Thrive®. Otherwise, degradation of the performance of this equipment could result.

NOTE: The EMISSIONS characteristics of this equipment make it suitable for use in industrial areas and hospitals (CISPR 11 class A). If it is used in a residential environment (for which CISPR 11 class B is normally required) this equipment might not offer adequate protection to radio-frequency communication services. The user might need to take mitigation measures, such as relocating or re-orienting the equipment.

18 Product Safety Standards

This device meets the following product safety standards:

USA ANSI/AAMI ES60601-1:2005+A2 (R2012) +A1 - Medical Electrical Equipment—Part 1: General requirements for safety and essential performance








Canada CAN/CSA C22.2 No. 60601-1:2014 - Medical Electrical Equipment—Part 1: General requirements for safety and essential performance (includes Amendment 1)

EMC IEC 60601-1-2:2014 includes EMC requirements and tests. Medical Electrical Equipment including CISPR 11:2009 + A1:2010, Group 1, Class A as shown in the table below:






EMC Emission	Parameter	Standard	Test Level/Note
	Conducted Emissions	5011:2009, CISPR 11:2009 + A1:2010	Class A
	Radiated Emissions	N 55011:2009, CISPR 11:2009 + A1:2010	Class A
	Harmonic Current	EN/IEC 61000-3-2	Class A
	Voltage Flicker	EN/IEC 61000-3	-
EMC Immunity	Electrostatic Discharge	IEC/EN 61000-4-2	15 kV air, 8kV contact
	Radiated Immunity	IEC/EN 61000-4-3	3V/m (80Mhz-2.7GHz)
	Electrical Fast Transients	IEC/EN 61000-4-4	2kV
	Surge Line to Line	IEC/EN 61000-4-5	1kV Line to Line 2kV Line to Ground
	Conducted Immunity	IEC/EN 61000-4-6	3Vrms and 6Vrms
	Magnetic Immunity	IEC/EN 61000-4-8	30 A/m
	Voltage Dips & Interruptions	IEC/EN 61000-4-11	

19 Product Safety Symbols

The following symbols may be used for marking on this equipment:

	Follow the operating instructions
	Type B applied part
	Serial Number
	DC input
	Manufacturer Date
	Manufacturer's name and address
	NRTL Mark (Safety Certification Mark)

The following symbols may be used for Environmental Conditions for Transport

	Atmospheric Pressure Limitation
	Temperature Limitation
	Relative Humidity Limitation
	Keep away from rain
	Handle with Care

**Manufactured by:**

Cognivue, Inc.
7911 Rae Blvd
Victor, NY 14564
USA

**United Kingdom Responsible Person**

Donawa Lifescience Limited
Aviation Business Park
Christchurch
BH23 6NX
UK