

RapidID™ Network Mapping System

User Manual

Release 1.0 Version 1

Documentation Revision History

Version Number	Modifications	Date
1.0	Initial Release	5/24/2023

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Introduction to *Rapid*ID[™] Network Mapping System

The *Rapid*IDTM Network Mapping System automates labor-intensive and error-prone cable documentation, resulting in a faster, easier way to place and trace cables and patch cords. It is a practical alternative to traditionally manual approaches that is ideally suited for building a new telecommunications room, locating installed cabling, or replacing a network switch. Reduce the time and cost of patch cord documentation by up to 50%. With *Rapid*IDTM, the painstaking labeling process is already done. Now network engineers can easily, quickly, and accurately place and trace cables to focus on more strategic initiatives. Minimize the risk of a network outage. Network documentation can drastically reduce downtime during an outage, but documenting physical infrastructure is extremely time-consuming and often overlooked or outdated. *Rapid*IDTM makes the documentation process less painful and reduces human error by eliminating the need for manual data entry.

Features

- Pre-labeled patch cords that automate the labor-intensive and error-prone cable documentation process that can lead to an outage
- An easy to use scanner that saves time on tracing, labeling, and documenting connections, thus freeing-up network engineers to focus on more rewarding and strategic initiatives
- A feature-rich application for Apple and Android mobile devices and Windows®-OS desktop that reduces time and cost of patch cord documentation by up to 50%* while helping control cost and risk associated with cable installation and management

*Panduit internal time study, May 2021.

Required Components

- 1. *Rapid*ID[™] Enabled connectivity products.
 - a. Pre-labeled patch cords that contain RapidID™ labels
- 2. RapidID[™] Barcode Scanner (RPDSCN)
 - a. The *Rapid*ID[™] handheld barcode scanner is a Bluetooth® Low Energy scanner that pairs with the *Rapid*ID[™] application. Use it to quickly scan *Rapid*ID[™] barcodes on *Rapid*ID[™] enabled connectivity products.
- 3. *Rapid*ID[™] Software:
 - a. The *Rapid*ID[™] software application is available for mobile and tablet applications through the <u>Apple iOS</u> and <u>Android</u> play stores

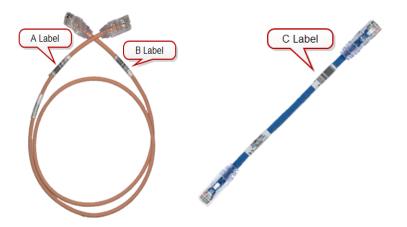
b. The *Rapid*ID[™] software application is also available for Windows® – PC through <u>https://www.panduit.com</u>

Components

RapidID[™] -Enabled Connectivity Products

Copper Patch Cords

*Rapid*ID[™]-enabled copper patch cords are pre-labeled with unique *Rapid*ID[™] labels in addition to a product information label. *Rapid*ID[™] barcode labels have a designated barcode with an 'A' & 'B' on them. The *Rapid*ID[™] barcode is a unique identifier that is placed on the product when manufactured. For patch cords shorter than 12", a single *Rapid*ID[™] barcode is placed on the product, with a 'C' label.



Opti-Core Fiber Patch Cord

*Rapid*IDTM -enabled Opti-Core fiber patch cords are pre-labeled with unique *Rapid*IDTM labels in addition to a product information label. *Rapid*IDTM labels have a designated barcode with an 'A' & 'B' on them. The *Rapid*IDTM barcode is a unique identifier that is placed on the product when manufactured.



Fiber Trunk Assemblies

*Rapid*IDTM -enabled trunk assembles are pre-labeled with unique *Rapid*IDTM labels in addition to a product information label. *Rapid*IDTM labels have a designated barcode with an 'F' & 'G' on it. The *Rapid*IDTM barcode is a unique identifier that is placed on each connection when manufactured.



Retrofit Labels

A reel of *Rapid*ID[™] labels specifically enable existing infrastructures for *Rapid*ID[™]. Labels are pre-printed with unique identifiers at the manufacturing facility. Retrofit labels are available by request through your local Panduit salesperson.



RapidID[™] Software

- The *Rapid*ID[™] software application is available for mobile and tablet applications through the <u>Apple iOS</u> and <u>Android</u> play stores
- The *Rapid*ID[™] software application is also available for Windows® PC through https://www.panduit.com

See Software for details.

*Rapid*ID[™] Bluetooth®-Enabled Handheld Barcode Scanner (RPDSCN)

The *Rapid*IDTM handheld barcode scanner is a Bluetooth® Low Energy scanner that pairs with the *Rapid*IDTM application. Use it to quickly scan *Rapid*IDTM barcodes on *Rapid*IDTM-enabled connectivity products.



Packaging Contents

- Barcode Scanner
- Cable Clip
- Wrist Strap
- USB-C to USB-A Charging Cable (3 feet)

Panel Description



- 1. Display: Shows working mode, power, time, barcode scans, and Navigation menus
- 2. Scan Button: Used for scanning barcodes and exiting menus
- 3. **Menu Button:** Hold for access to Scanner Menu, touch to navigate down on menu selections when inside of a menu
- 4. Select Button: Select highlighted content
- 5. Indicator Light: RGB LED status indicator
 - a. Blue = On/Connected
 - b. Flashing Blue = Connecting
 - c. Flashing Purple = Disconnected

Connect Scanner to Application

- 1. Open the menu and navigate to **Scanner** page.
- 2. Select **Scan Now** to scan for nearby devices. Ensure the scanner is turned on and in BLE mode.
- 3. Click the appropriate scanner to connect from the list.
- 4. The scanner will confirm the connection with a "beep," and a Test message will open on the app.

					2:54		
					•	canner	
Home BleManager State	PoweredOn	Scar ((0))	Scanner	<no file=""></no>		No File>	
ind Nearby Devices	Scanning	*	Test	 <unspecined></unspecined> × 	BleManager State	PoweredOn	((0
me ^	Counting	-14	1001	Signal	Find Nearby Devices	Scan Now	~
a's iPhone (3)				h.	Scanner	<unspecified></unspecified>	>
e's Apple Watch				al			
nner 347				al –	Test		`
Project Rock TW X-LE				•0 0	Name 🔨	Signal	
		ТАВІ	.ET		Mike's Apple Watch		ı
					Mikes iPad		0
					Scanner 347		
					мс	BILE	
		_				Menu	

Power

- The scanner contains an auto shut-off feature to save battery life.
 - ° The default time for auto turn off is 2 minutes.
 - ° See barcode settings for changing the timeout.

Scanner Settings

General

- Shut Down: Shuts down device
- Restore Defaults: Restores device to default settings
- Match (Bluetooth)
- Keys Trigger
- Continuous Mode: Turns scanner laser on indefinitely
- Not Sleep: Turns off the auto-turn off feature
- Delete Last
- Change Language: Change from English to Chinese or from Chinese to English

Working Mode

- Instant Upload (Default)
- Storage Mode
- Total Storage
- Upload Data
- Zero Cleaning

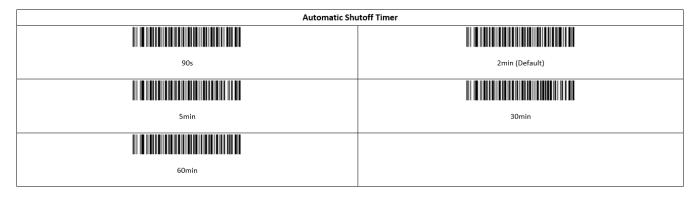
Communication

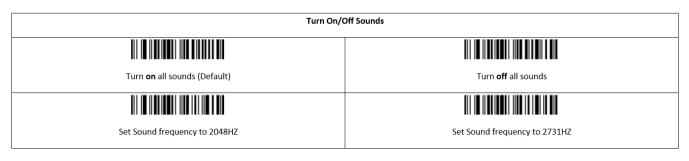
- Bluetooth_HID
- Bluetooth_SPP
- Bluetooth_BLE (Default)
- Wireless 2.4G
- WireUSB_HID
- WireUSB_COM

Time Settings

- **Disable** (Default)
- Time Prefix: Attaches time to the beginning of the scanned barcode
- Time Suffix: Attaches time to the end of the scanned barcode
- Time Correction: Manual time correction

Barcodes for Setting Changes





RapidID[™] Network Mapping System User Manual

	Scanner Volume					
Low volume	Medium volume	High volume (Default)				
· · · · · · · · · · · · · · · · · · ·						
Set Communication to Bluetooth (BLE)						
Bluetooth-BLE (Default)						

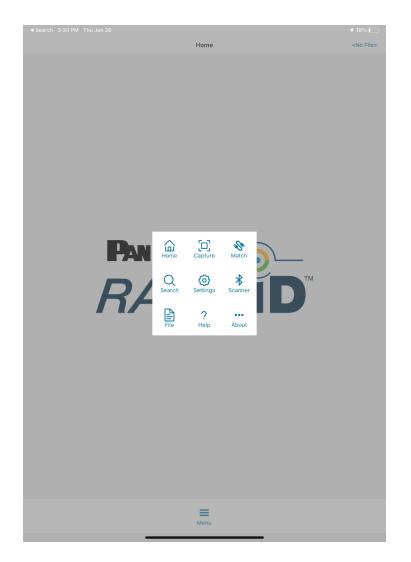
RapidID[™] Software for Tablet/Mobile

The *Rapid*IDTM software provides a feature rich application that aides in the documentation and troubleshooting processes. It is available as a free software application download for mobile devices and tablets. For information about the *Rapid*IDTM PC application, available for Windows OS, see *Rapid*IDTM Software for PC.

Users can download the software at www.panduit.com/rapid-id

Home and Navigation

The *Rapid*ID[™] Homepage shows the **Navigation** menu.



The navigation menu shows the following menus:

Menu	Description
Home	<i>Rapid</i> ID™ Home screen
Capture	Navigate to the Capture page
Match	Navigate to the Match page
<u>Search</u>	Navigate to the Search page
<u>Settings</u>	Navigate to the Settings page
File	Navigate to File Save
Help	Navigate to FAQs
About	Navigate to About page

Settings

About	Settings <no< th=""><th>o File></th></no<>	o File>
runcation	tail	\downarrow
ocation Delimiter	-	\downarrow
itial Port Number (0-999)		1
ort Number Step Size (1-999)		1
elect Barcode Scanner	<unspecified></unspecified>	*
urn Sound On/Off		 Image: A start of the start of
port capture	blip *	\downarrow
port change	buzz *	\downarrow
port verified	beep *	\downarrow
3rd port on type C	hazard •	\downarrow
▶ undo	blip *	\downarrow
▶ redo	blip *	\downarrow
match reference	blip *	\checkmark
▶ match	beep *	\checkmark
▶ mismatch	buzz *	\downarrow
search found	beep *	\checkmark
 search not found 	buzz *	\checkmark
	Resets settings to Default	

ltem	Description
Truncation	Adjusts the truncation of text in the Module Page
Location Delimiter	Adjusts the connector between Module and Port
Port Number Step Size	Adjusts the step size from one port to the next when scanning
Select Barcode Scanner	Shortcut to the scanner page

Item	Description
Turn Sound On/Off	Turns app sounds on/off
Sounds	Change sound response on individual actions

Capture Page

The **Capture** page collects information regarding the location of patch cords. Using the **Module** field, a user can set the scanning location of the barcode scanner and begin documenting connections.

As the user scans, the scanning port auto-updates to the next consecutive port in the module.

File			Capture				DC_Cabin		
Module		C6509	C6509_Blade3 🗸 Display Rows			ws		Connected	¥
Scannin	ng Port	-	- 1	+	Last Scan				mi
0	Near Port A	Barcode			Prior B	arcode	Far Port		
0	C6509_Blade3-01	17135418A0840					PatchPanel4-04		
0	C6509_Blade3-02	17131165A0107					PatchPanel4-07		
0	C6509_Blade3-03	17131165A0170					PatchPanel4-02		
0	C6509_Blade3-04	17131165A0246					PatchPanel4-03		
0	C6509_Blade3-05	17135418A0835					PatchPanel4-01		
0	C6509_Blade3-06	17131165A0177					PatchPanel4-08		
0	C6509_Blade3-07	17131165A0166					PatchPanel4-11		
0	C6509_Blade3-08	17131165A0176					PatchPanel4-05		
0	C6509_Blade3-09	17135418A0558					PatchPanel4-06		
0	C6509_Blade3-10	17131165A0247					PatchPanel4-09		
0	C6509_Blade3-11	17131165A0004					PatchPanel4-10		
0	C6509_Blade3-12	17131165A0145					PatchPanel4-12		
			82 retach	K] Undo	Di Redo	Menu			

- Module: User-defined field that groups ports
- Scanning Port: The port the RapidID™ barcode will scan to
- Display Rows: Setting for visual layout of data
 - Connected: Only shows rows of data which contain port connections
 - Contiguous: Shows all rows of data regardless of port connections
 - ° Changed: Only shows connections of ports that have been changed
- Last Scan: Provides the last barcode scanned and a visual indicator for when the scanner is connected to the software.
- Undo/Redo

File			Capture		DC_Ca	binet1
Module	e	C6509_Blade3	 Display Rows 		Connected	¥
Scanni	ing Port	- 1	+ Last Scan			mai
0	Near Port 🔿	Barcode	Prior Barcode	Far Port		
0	C6509_Blade3-01	17135418A0840		PatchPanel4-04		
0	C6509_Blade3-02	17131165A0107		PatchPanel4-07		
0	C6509_Blade3-03	17131165A0170		PatchPanel4-02		
0	C6509_Blade3-04	17131165A0246		PatchPanel4-03		

- **Near Port**: Combination of Module + Scanning port to provide the location of the patch cord.
- **Barcode**: The *Rapid*ID[™] barcode mapped to the near port.
- **Prior Barcode**: Used in validation, the prior barcode shows the previous barcode data associated with the Near Port.
- **Far Port**: When both sides of the patch cord are connected, this field displays the Far Port.

Verify

The verification function, located within capture page, allows for a comparison to be made between current patch cord locations and previously saved results. This enables users to verify the connection location during troubleshooting or an audit, after initial documentation has been completed.

< Hon	ne		Capture			DC_Cat	binet1	
Module		C6509_Blade3	C6509_Blade3 V Display Rows			ontiguous	🗸 at	
Scanni	ng Port	- 3	+ La	ast Scan	999999	999B0052	(00)	
0	Near Port A	Barcode		Prior Barcode	Far Port			
0	C6509_Blade3-01	99999999A0049		17135418A0840				
0	C6509_Blade3-02	999999980052		17131165A0107				
0	C6509_Blade3-03	17131165A0170			PatchPanel4-02			
0	C6509_Blade3-04	17131165A0246			PatchPanel4-03			
0	C6509_Blade3-05	17135418A0835			PatchPanel4-01			
0	C6509_Blade3-06	17131165A0177			PatchPanel4-08			
0	C6509_Blade3-07	17131165A0166			PatchPanel4-11			
0	C6509_Blade3-08	17131165A0176			PatchPanel4-05			
0	C6509_Blade3-09	17135418A0558			PatchPanel4-06			
0	C6509_Blade3-10	17131165A0247			PatchPanel4-09			
0	C6509_Blade3-11	17131165A0004			PatchPanel4-10			
0	C6509_Blade3-12	17131165A0145			PatchPanel4-12			
		2						

To Verify:

- 1. Navigate to the area where connections need to be verified.
- 2. Confirm the starting location.
- 3. Scan cables connected to the port locations.

Cables that are confirmed to be in the correct position will highlight green.

Cables that are incorrect will highlight red (see below: port 1 & 2) with an indication of the previous *Rapid*ID[™] barcode.

< Hon	ne		Cap	oture	DC_Cat	binet1
Module	9	C6509_Blade3	~	Display Rows	Contiguous	\checkmark
Scannii	ng Port	— з	+	Last Scan	99999999B0052	[00]
0	Near Port A	Barcode		Prior Barcode	Far Port	
0	C6509_Blade3-01	99999999A0049		17135418A0840		
0	C6509_Blade3-02	99999999B0052		17131165A0107		
0	C6509_Blade3-03	17131165A0170)	PatchPanel4-02	
0	C6509_Blade3-04	17131165A0246			PatchPanel4-03	
0	C6509_Blade3-05	17135418A0835			PatchPanel4-01	

Note: When cabling is being updated, such as during a move, adds, and changes process, the verification function can be overridden/ignored by saving the new cables to their respective positions. After the new cables are installed and scanned into their positions, the user can save the new connections to the database, which will overwrite the previously saved connection data.

Search Function

By utilizing the currently opened file, the **Search** function can provide the port location of a patch cord. Once a barcode is scanned, the search function will then display the module and port location of the patch cord to the user.

Capture		DC_Cabinet1			
	Scan Barcode Scan a barcode to search for its location.				
	Barcode Location ^				
	16942135A0759	C6509_Blade4-13			

Match Function

The **Match** page feature enables users to easily locate each end of a patch cable, without the need to manually trace cables or document their findings. This is done by scanning a *Rapid*IDTM barcode into the reference field, and then scanning other cables until the correct one is identified.

< Search	Match	DC_Cabinet*
Reference	1700278480004 [89] Compare	17002784A0004 (et
	Test Barcodes Scan barcode to text for same cable.	
Search	Restort March	DCTORPOR
Reference	1700278480004 [m] Compare	1700278480003 [4
	Test Barcodes Scan barcode to test for same cable.	
	X	
	🗞 🗮 Rotatut Minu	

- **Reference**: Scan the *Rapid*ID[™] barcode for which you're trying to find the other side
- **Compare**: Scan *Rapid*ID[™] barcodes continuously until you find the correct other side of the reference cable
 - **Green Checkbox** = Correct other side of the cable
 - **Red "X"** = Incorrect other side of the cable
- **Restart**: Clears the Reference and Compare fields, and resets the page for another match connection

File Function

The **File** page provides the user capabilities to save, delete, import, and export files and data.

< Home					File					DC_Cabinet
Enter Filename										×
DC_Cabinet1										
NEMA_MDC.json										
	✓ Save	Ay Save As	C. Load	X Close	⊲ CSV	کې Export	Import	Ü Delete	Menu	
			_				_			

- Save: Saves progress in the current session
- Save As: Saves the current session as a new file
- Load: Loads a user selected file
- Close: Closes the current session
- CSV: Exports a file as a comma-separated values (.CSV) text file
- **Export**: Exports a file as a JSON. (Allows the file to be transferred to other hardware devices)
- Import: Imports JSON files from other hardware devices
- Delete: Deletes the selected file

Unsaved Changes

When a user makes changes to a file but do not save them, the file and modules with changes will be highlighted.

Module C6509_Blade3 Display Rows Connected Scanning Port - 1 + Last Scan	
	[mu]
	\checkmark
✓ File Capture DC_Cab	inet1

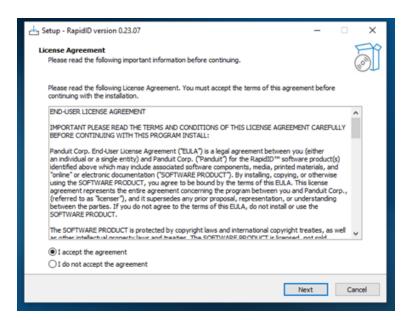
RapidID[™] Software for PC (Windows)

RapidID[™] for PC is a local host application that can be run on any Windows machine.

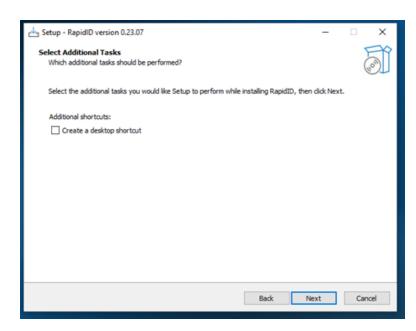
Users can download the software at www.panduit.com/rapid-id

To install RapidID[™] onto a local Windows Device:

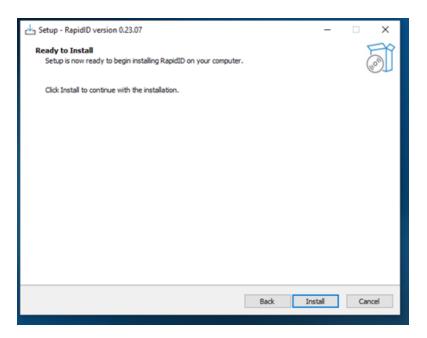
1. Agree to the terms of the End-User License Agreement.



2. Create desktop shortcut (optional).



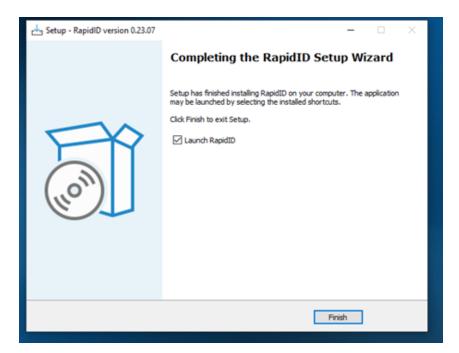
3. Start the installation.



*Rapid*ID[™] begins installing.

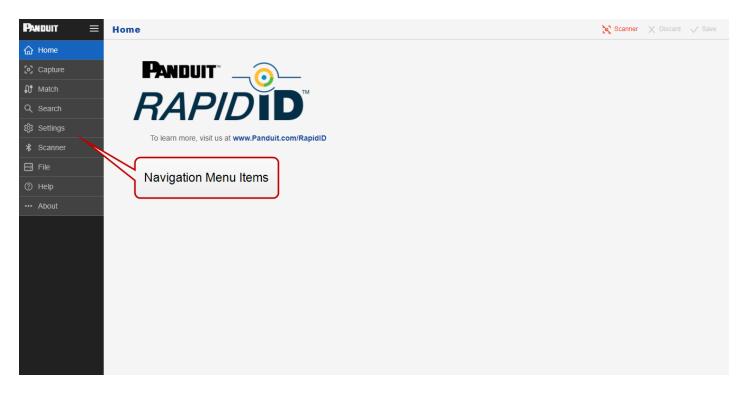
c나 Setup - RapidID version 0.23.07	-	• ×
Installing Please wait while Setup installs RapidID on your computer.		
Extracting files C: \Panduit\RapidID\rapidid-0.0. 1-SNAPSHOT.jar		
		Cancel

4. When installation completes, click **Finish** to launch the application.



Navigation

Starting the application takes the user to the home page.



Application Launch

When launched, the *Rapid*ID[™] application will launch the server, open the local browser, and navigate to 'localhost:8080'

Note: Only one instance of the *Rapid*ID[™] software is allowed at a time.



Settings

PANDUIT = Settings			🗙 Scanner 🛛 Discard 🗸 Save
i Home ⊗ Capture 407 Match	Language Ooses a profered legacys or detect the language from the browser's legacys preference (default is English for unsupported legacys).	Location Delimiter The lost detacked within a port lostion only separating mobilit nome from port number. Listatis Dutinitur	ĺ
C, Sandh Sandh Sandh Sandh File	Initial Port Number (0-999) The scarege gost number will be model to this value the flags of any of the ingels a model the flags of any of the ingels a model the flags of any of the ingels a model the flags of any of the ingels a model the flags of any of the ingels a model the flags of any of the ingels a model the flags of any of the ingels a model the flags of any of the ingels a model the flags of the ingels a model the ingels a models the ingels a mo	Port Number Step Size (1.999) The size for add incommenting the scarring port following a capture scar. 1	
© Help About	Barcode Scanner The not workly connected barcode scores, bardies the surveillande discorrect.	Allow Sounds Altere the replication is poly exants.	
	Port Capture This save plays for a new connection. Hol Capture big	Port Change This sound plays for a convection theorys. Post Durings v	
	Port Verified This source plays for a writed correction. Part source Part source Deep V	Third Port The seed plays for denoising trying to add a 3rd Contexture for a type C ladar.	
	Undo $\label{eq:constraint} \begin{split} & \text{The second plays for under } \\ & b \\ & b \\ & b \\ & \bullet \\ \end{split} $	Redo The sourd plays for redo.	
	Reference cable The wood plays for selecting a cable that you went to match.	Same The same plays when the same cable is found.	
	Differ The sound plays when a different table is faced.	Found This much plays for a learch that finals at least one	
	Not Found This sound plays for a search that does not find any buzz v	Restore Factory Defaults Restore Finday Defaults	

Connect Scanner

NOUIT 🗏 Scan	ner		
Home	1047		
apture	117401		
Match	anner Status disconnected		
Search			
Settings N	amo	ID	Signal
Scanner	Scanner 355	dd.0d.30.a5.df.42	al.
Fão	Galaxy Watch Active2(B838) LE	f4.9d.80.87.91:70	al.
Help			
bout			

The scanner page provides connection information about the <u>**RPDSCN**</u>. To connect the Bluetooth® scanner, use the following steps.

- 1. Click **Scanner** in the Navigation menu.
- 2. If not already scanning, click the **Scan for Devices** button.

Scanner Status disconnected		
Name	ID	Signal
Scanner 355	dd 0d 30 a5 df 42	al.
Galaxy Watch Active2(B838) LE	14.9d.80.87.91.70	sl.,

3. Select the scanner.

Note: The scanner name, for example "355", will match the ID of the RPDSCN.

Scanner Status disconnected		
Name	ID	Signal
Scenner 355	dd:0d:30:a5:df:42	at a
Galaxy Watch Active2(B838) LE	f4.9d:80:87:91:70	st.,

4. Ensure that the scanner is in BLE (Bluetooth Low Energy) mode.



The scanner is now connected to the *Rapid*ID[™] application.

Note: The application will attempt to auto-reconnect when the scanner goes into sleep mode.

Scanner			
Scanner Status	connected		
Name	Scanner 355		
ID	dd:0d:30:a5:df:42		
Test Barcode			
Disconnect		Scan for Devices	Stop

Capture Page

The **Capture** page collects information regarding the location of patch cords. In *Rapid*IDTM for PC, the user defines the location of patch cords using the **Site**, **Zone**, and **Module** fields.

Note: A Site, Zone, and Module must be defined and selected before beginning to scan.

As the user scans, the scanning port auto-updates to the next consecutive port in the module.

RapidD	× +				
← → ♂ ○ loc	calhost 8080/capture				1 ± 0 ± 1
Preduit =	Capture				🗙 Scamer 兴 Discard 🗸 Save
	Ste				Contiguous ~
(E) Caphare					
£5 Match	Scanner Focus				
Q, Search (\$ Settings	Zone		Module	Scanting Part	0 0
③ Settings					
≵ Scanner ⊟ File					
E File	Capture Data				
⑦ Нор	Near End ~	Barcode	Prior Barcode	Note	Far End
About					

Rapid D					
• • • •	localhost.0000/capture				C 🕁 🖬 🔺
NIDUIT =	Capture				🗙 Somer 🖂 Societ 🗸 S
	_ 5H				- Display Mode
Capture	Data Center		0 1		contiguous
	Scanner Focus				
	c 200		tak -		
Settings	R1-Cabinet1	/ 🖁 🛛	1509_8iade3	D 🗄 1	0 0
	Capture Data				
	Near End ~	Barcode	Prior Barcode	Note	Far End
	C6509_Blade3-01	17135418A0840			PatchPanel4-04
	C6509_Blade3-02	17131165A0107			PatchPanel4-07
	C6509_Blade3-03	17131965A0170			PatchPanel4-02
	C6509_Blade3-04	17131165A0246			PatchPanel4-03
	C6509_Blade3-05	17135418A0835			PatchPanel4-01
	C6509_Blade3-06	17131165A0177			PatchPanel4-08
	C6509_Blade3-07	17131165A0106			PatchPanel4-11
	C6509_Blade3-08	17131165A0176			PatchPanel4-05
	C6509_Blade3-09	17135418A0558			PatchPanel4-06
	C6509_Blade3-10	17131165A0247			PatchPanel4-09
	C6509_Blade3-11	17131165A0004			PatchPanel4-10
	C6509_Blade3-12	17131165A0145			PatchPanel4-12
	C6509_Blade3-13	17131165A0072			
	C6509_Blade3-14	17135418A0756			
	C6509_Blade3-15	17131165A0305			
	C6509_Blade3-16	17131165A0304			

A user can add a note to a cable with the free form text field in the note's column. Notes are connected to each side of a connection.

Ca	oture Data					\$ 6	
	Near End ^	Barcode	Prior Barcode	Note	Far End		ŝ
	C6509_Blade3-01	17135418A0840		Add a note here	PatchPanel4-04		
	C6509_Blade3-02	17131165A0107			PatchPanel4-07		
	C6509_Blade3-03	1706651281096			PatchPanel4-02		
	C6509_Blade3-04	17131165A0246			PatchPanel4-03		
0	08500 Blade2.05	47435440A0025			DatchDapp14 04		

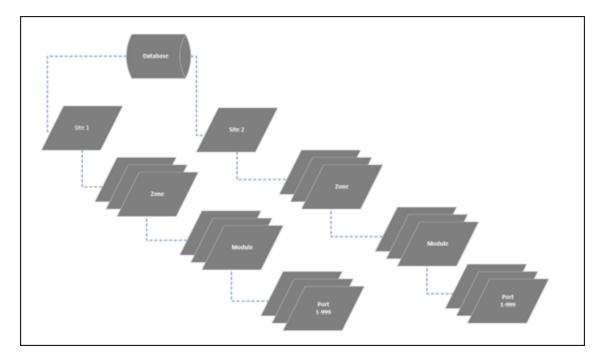
Data Structure: Site – Zone – Module – Ports

- **Sites**: The top level which represents a physical location or site where data is stored or processed. Examples could include a building, or a campus.
- **Zone**: The second level is the Zone, which represents a specific area within a site. They can have varying levels of detail, and a site can contain many zones. Examples could include a cabinet in a data center, or an entire telecommunications room.
- **Module**: The third level is the module, which represents a specific functional unit within a zone. Zones can have multiple modules. Examples could include

networking equipment such as switches, servers, patch panels, and/or rack units.

Note: Module names cannot contain spaces

• **Ports**: The fourth level is the port, which represents a specific interface or connection within a module. For example, a network switch has several ports. Ports range from 1-999.



Tip: Setting up a data structure that makes sense for your organization is important. Define a structure ahead of time to ensure clean data.

Verify

The verification function, located within Capture, allows for a comparison to be made between current patch cord locations and previously saved results. This enables users to verify the connection location during troubleshooting or an audit, after initial documentation has been completed.

To Verify:

- 1. Navigate to the area where connections need to be verified.
- 2. Confirm the starting location.
- 3. Scan cables connected to the port locations.

letings Control Contro	ит 🔳 🖉	Capture				🛞 Scanner 🗙 Discard 🗸
splare Scanner Focus catch DC Cablet 1 0 10000 0000000 0000000 0000000 0000000 0000000 0000000 0000000 00000000 000000000 00000000000 00000000000 000000000000000 000000000000000000000000000000000000	me					
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Description Description Description Note Far End 0 0 0 0 Near End Barcode Prior Barcode Note Far End 0 0 0.0500_Blade3.01 17135418A0840 Image: Construction PatchPanel4.04 0 0.0500_Blade3.02 17131165A0107 Image: Construction PatchPanel4.07 0 0.0500_Blade3.03 16042135A0759 17131165A0246 Image: Construction PatchPanel4.07 0 0.0500_Blade3.05 16042135A0041 17131165A0246 Image: Construction PatchPanel4.07 1 0.0500_Blade3.05 16042135A0041 1713165A0246 Image: Construction PatchPanel4.07 1 0.0500_Blade3.05 16042135A0048 1713165A0246 Image: Construction PatchPanel4.07 1 0.0500_Blade3.07 1713165A0146 Image: Construction PatchPanel4.05 PatchPanel4.06 1 0.0500_Blade3.10 1713165A0247 Image: Construction PatchPanel4.00 PatchPanel4.00 1 0.0500_Blade3.11 1713165A0145 </td <td>tings</td> <td>DC Cabinet 1</td> <td>Z</td> <td>0_Blade3</td> <td>7</td> <td>0 0</td>	tings	DC Cabinet 1	Z	0_Blade3	7	0 0
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C6509_Blade3.04 16942135A0779 17131165A0246 C6509_Blade3.05 16942135A0941 17135418A0835 C0509_Blade3.06 16942135A0948 C0509_Blade3.07 17131165A0166 PatchPanel4.11 C0509_Blade3.08 17131165A0176 PatchPanel4.05 C0509_Blade3.09 17135418A0558 PatchPanel4.06 C0509_Blade3.09 17131165A0247 PatchPanel4.06 C0509_Blade3.11 17131165A004 PatchPanel4.10 C0509_Blade3.12 17131165A0072 PatchPanel4.12 C0509_Blade3.13 17131165A0072 PatchPanel4.12 C0509_Blade3.14 17131165A0072 Enclose		C6509_Blade3-02	17131165A0107			PatchPanel4-07
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C6509_Blade3-13 17131165A0072 C6509_Blade3-14 17135418A0756		C6509_Blade3-11	17131165A0004			PatchPanel4-10
C6509_Blade3-14 17135418A0756		C6509_Blade3-12	17131165A0145			PatchPanel4-12
		C6509_Blade3-13	17131165A0072			
C6509_Blade3-15 17131165A0305		C6509_Blade3-14	17135418A0756			
		C6509_Blade3-15	17131165A0305			
C6509_Blade3-16 17131165A0304		C6509_Blade3-16	17131165A0304			
C6509 Blade3-17 17131165A0179		Š.				Last Scanned 16942135A094

Cables that are confirmed to be in the correct position will highlight green.

File	Ca	pture Data				S & Ø
⑦ Help		Near End ^	Barcode	Prior Barcode	Note	Far End
About		C6509_Blade3-01	17135418A0840			PatchPanel4-04
		C6509_Blade3-02	17131165A0107	_		PatchPanel4-07
		C6509_Blade3-03	16942135A0759			

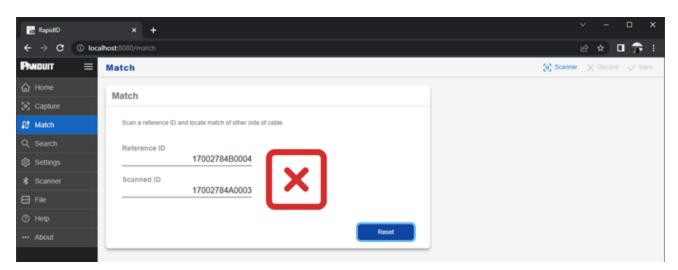
Cables that are incorrect will highlight red with an indication of the previous *Rapid*ID[™] barcode.

	Ca	pture Data				\$
		Near End ^	Barcode	Prior Barcode	Note	Far End
- sut		C6509_Blade3-01	17135418A0840			PatchPanel4-04
		C6509_Blade3-02	17131165A0107			PatchPanel4-07
		C6509_Blade3-03	16942135A0759			
		C6509_Blade3-04	16942135A0779	7131165A0246		
	0	C6509 Blade3-05	16942135A0941	7135418A0835		

Note: When cabling is being updated, such as during a move, adds, and changes process, the verification function can be overridden/ignored by saving the new cables to their respective positions. After the new cables are installed and scanned into their positions, the user can save the new connections to the database, which will overwrite the previously saved connection data.

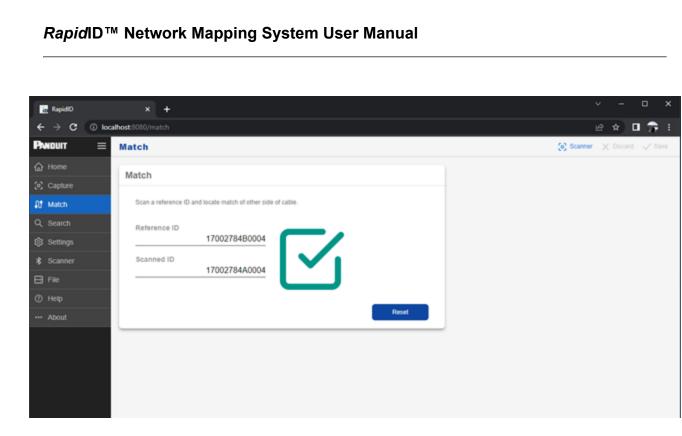
Match

Like *Rapid*ID[™] Mobile, the Match page feature enables users to easily locate each end of a patch cable, without the need to manually trace cables or document their findings. This is done by scanning a *Rapid*ID[™] barcode into the reference field, and then scanning other cables until the correct one is identified.



Result of Incorrect Match - Cable ends compared are not the same.

Result of Correct Match - Cable ends compared are the same.



Search

The search function provides the user with information regarding the physical location of a cable. Using the user defined location within the capture, the search function will return the location of the cable.

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wT ≡	Search	🗙 Baarnar 📈 Discard 🗸 Sieve
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pture		
	17131165A0177	
	Tristitusierri 🐼	
	Location	
	Data Center-R1-Cabinet1-C6509_Blade	23-06
	Part Information 😱	UTPBAXSBU
	Application	(1) 10GBASE-T Ethernet (2) Data center I/O Consolidation (3) Data center server virtualization (4) Backbone aggregation (5) Parallel processing and high speed computing.
	Boot Color	Clear
	Cable Construction	U/UTP
	Color	Blue
	Conductor Gauge (AWG)	24
	Conductor Type	Sold
	Connector 1 Type	Modular Plug
	Connector 2 Type	Modular Plug
	Flammability Rating	CM
	IEC Variant	60603-7
	Jacket Material	Polyvinyl Chloride (PVC)
	Maximum Operating Temperature (*C)	60
	Maximum Operating Temperature ("F)	140
	Maximum Storage Temperature ("C)	70
	Maximum Storage Temperature (*C) Maximum Storage Temperature (*F)	
	Maximum Storage Temperature ("F)	
	Maximum Storage Temperature ("F)	158 -10
	Maximum Storage Temperature (*F) Minimum Operating Temperature (*C)	158 -10 14

Part Information

Users can now use $RapidID^{TM}$ to find out more information about a product. A $RapidID^{TM}$ label is scanned or typed into the barcode text box, the user can find out more information about the cable. Click the cloud image to retrieve information about the product. Information includes the part number, cable color, length, flame rating among many others.

Once information is received, it will be stored on the local machine.

Note: An internet connection is required.

File

The file page contains six options for importing and exporting data within $RapidID^{TM} PC$, each with a unique function.

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PNDUT	≡	File			
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\$3 Match			RapidD PC Data	Mutite/Tablet	Module Names
		Export			
		_		 	
E Fie			RepidID PC Data	Mobile/Tablet	CSV
① Help					
About					
	_				

Import

- RapidID[™] PC Data: Imports data from another version of RapidID[™] for PC. Includes Site & Zone files. Data will be recognized as a '.ZIP' file. Clicking the button opens a guided setup.
- **Mobile/Tablet**: Imports data from *Rapid*ID[™] Mobile/Tablet. Data will be recognized as a '.JSON' file. Clicking the button opens a guided setup.

Note: Upon import, the user will need to define what Site and Zone the file should import to.

• **Module Names**: Imports module data in mass from a text file. Examples include '.TXT', '.CSV'. Clicking the button will open a guided setup.

Note: Upon import, the user will need to define what Site and Zone the file should import to.

Export

- RapidID[™] PC Data: Exports data from RapidID[™] for use with another instance of RapidID[™] PC. The user can select an individual site or zone to export. Data will be exported as a '.ZIP' file.
- **Mobile/Tablet**: Exports data from *Rapid*ID[™] for use with an instance of *Rapid*ID[™] Tablet/Mobile. The is only able to select an individual zone to export. Data will be exported as a '.JSON' file.
- **CSV**: Exports data from *Rapid*ID[™] as a '.CSV' file for use with other programs. The user can select an entire site or zone to export.

Database Backup/Restore

To preserve your database, Panduit recommends periodically backing up your *Rapid*ID[™] database. Database backups are an essential way to preserve data in the event of a system failure.

Note: It is recommended that databases are backed up before importing other files into $RapidID^{\text{TM}}$.

Database Backup:

- 1. Navigate to: 'C:\Panduit\RapidID'.
- 2. Run: 'dbbackup.bat'.
- 3. Once database backup is completed, the file will be available in 'C:\Panduit\RapidID\backup'.

Note: it is recommended that the backup file is saved to a secure location.

Database Restore:

- 1. Navigate to: 'C:\Panduit\RapidID'.
- 2. Run: 'dbrestore.bat'.
- 3. Select the database backup file where you want to restore the database.
- 4. Once the database restore has been completed, close program and restart *Rapid*ID[™] application.