Transferring DFS Files over Bluetooth to PC from the D10 Tablets

One of the issues associated with the D10 model tablet is the fact that the tablet acts as a USB host. This means that you cannot just plug the tablet into a computer and view the files because your computer also acts as a USB host.

This document will give a step-by-step guide on an alternate way to retrieve your important DFS application files using Bluetooth. The following guide uses the Windows 7 OS as an example. However, the steps are the same and even more intuitive on newer versions of Windows.

Steps to Transferring Files to your PC over Bluetooth

1. Firstly, export a study that you want to transfer to your computer using the Big Fin Scientific DFS application on the tablet. This example will show how to transfer an entire Fish-Study package.

← Import and Export	
Basic	Export
Updates	Export a Fish-Records File (CSV)
Import and Export	Export a Study Settings File (JSON)
Manage Backups	Export a Study Settings Data File (CSV)
Audio	Export Fish-Study Packages
About us	Export a Tutti File
	Import
	Create Studies with a Study Settings File (JSON)

2. Now Open the File Commander Application on your tablet. The icon looks like the following:



3. Now Find the Fish Study Package that you just exported in the Big Fin Scientific application. By default, the files will be located in Device Storage -> Documents -> Big Fin Scientific. However, files may be in a different location if you saved them in a different folder.

PC	<u>↓</u> ⊼ <u>†</u>	
 Internal storage > Documents > Big Fin Scientific > This is fish study package used for BT doc example Sign In Go Premium Home Recent files Secure mode Favorites Recycle Bin PC File Transfer Internal storage 		
	Sign in	Get the most out of File Commander. Upgrade to File Commander Premium.
*	Go Premium	Fish Study Package-Sample Study - Gulf Trawl 1-07_29_16-11_05_05 Jul 29, 2016 11:05:06 AM
Ħ	Home	
Ð	Recent files	
2	Secure mode	
	Favorites	
Î	Recycle Bin	
ţ	PC File Transfer	
	Internal storage	
View our Enjoy a reward	Job Openings ding life in Idaho - Relocation assistance available. • •	

4. In order to Share the file, you must zip the Fish Study Package. This can be accomplished by tapholding on the Fish Study Package to select it and then tapping the icon in the top right corner of the tablet screen that looks like three vertical dots. Your screen should now look like the following. Tap 'Zip' to compress the Fish Study Package.



5. Once you have zipped the file, a zipped copy will appear next to the original Fish Study Package. It should look like the following picture.



6. Now make sure your computer has Bluetooth capabilities. Older computers do not have this feature by default. If you do not have built-in Bluetooth capabilities on your computer, you can use USB to Bluetooth module which is shown in the picture below.



7. Now you must pair the D10 tablet to your PC. In order to do this, first tap the Start button on the Windows taskbar and navigate to your Control Panel.

	Getting Started	×	
	Connect to a Projector		LabPuter
8	Calculator		Documents
	Sticky Notes		Pictures
(F)	Paint		Music
-	XPS Viewer		Computer
4	Windows Fax and Scan		Control Panel
	Microsoft Office Word 2007	•	Devices and Printers
4	Remote Desktop Connection		Default Programs
	Magnifier		Help and Support
>	All Programs		
Sear	rch programs and files	٩	Shut down 🕨

8. Inside Control Panel, open Hardware and Sound



Hardware and Sound View devices and printers Add a device

9. Now Open Devices and Printers



10. The USB to Bluetooth module should be located under the Devices section. The icon should look similar to the following picture.



11. Right click on the device and select Bluetooth Settings.



12. Now check the box in the window that says Allow Bluetooth Devices to find this computer and then close the window by pressing 'OK'.

8 Bluetooth Settings X	
Options COM Ports Hardware	
Discovery	
To protect your privacy, select this check box only when you want a Bluetooth device to find this computer.	
Connections Allow Bluetooth devices to connect to this computer	
Show the Bluetooth icon in the notification area	
Change settings for a Bluetooth enabled device. Restore Defaults	
OK Cancel Apply	

13. Now navigate to the bottom right corner of the PC taskbar on your Desktop and find the Bluetooth icon. It is possible that the icon is hidden. Simply tap the arrow icon in the corner to show the hidden icons.



14. Right-Click on the Bluetooth icon and then Left-Click on 'Show Bluetooth Devices' option.



15. In the window that opens, select 'Add a Device' on the top left. Make sure that your tablet's Bluetooth is turned on



16. The next window will display a list of Bluetooth devices that are currently discoverable. The D10 tablet Bluetooth name should be similar to the following picture. Add this device by double clicking on it or by selecting it and then pressing the 'Next' button.

Select a device to add to this co Windows will continue to look for new de	mputer vices and display the	m here.
iX101D1 Bluetooth Phone		
What if Windows doesn't find my device	!	

17. Now you should see a window with the following message appear on your computer.



At the same time, you should get another window on your tablet titled "Bluetooth pairing request." You should receive the dialog on your tablet if you are still in File Commander application. However, if you have any issues with not receiving the dialog box, navigate to Bluetooth under Settings on your tablet and make sure the tablet is discoverable and attempt to pair the computer with the tablet while the tablet is in the Bluetooth settings.

18. The pairing code should be the same for both dialogs on the PC and the tablet. Make sure to confirm the dialog boxes on both the tablet and the computer to successfully pair the two. After a successful pairing, your computer should show the following window. Note: you may need to wait for driver files to install after pairing.



19. Now that you have successfully paired the Tablet to your computer, navigate back to the Bluetooth icon on the bottom right of your computer screen.



20. Right-Click on the Bluetooth icon and select 'Receive a File'



21. After selecting the 'Receive a File' option, the following window will be displayed:

Wa	iting for a connection	
You con	should see a file transfer begin as soon as someone starts transmitting files to your nputer from their Bluetooth enabled computer or device.	
You You	may see a message telling you a Bluetooth device is trying to connect to your computer. must accept the connection in order for the transfer to occur.	

This means your computer is waiting on a command over Bluetooth from your tablet.

22. Now, On the Tablet, open File commander and find your zipped Fish-Study package and tap-hold on it to select it. Once selected, tap on the share icon in the top right corner of the tablet screen. The share icon looks like the following picture:



23. Next, the tablet will ask how you want to send the file. Select the option "Bluetooth."

Fis Jul	h Study Packag 29, 2016 11:05:06	e-Sample Study - AM	Gulf Trawl 1-07_2	29_16-11_05_05	;	
Fis Jul	h Study Packag 29, 2016 11:07:13	e-Sample Study - AM	Gulf Trawl 1-07_2	29_16-11_05_05	i.zip	
	Send	file				
	A	File Command	der Wi-Fi Direct	м		
	м	Gmail				
	8	Bluetooth				
	3	Android Beam	1			
	۵	Save to Drive			1	Inbox by Gmail
		\bigtriangledown	0			

24. Now a window will be displayed that asks what device you would like to send the file to. Look for your computer in this window and select it.



25. Now, look back at your Computer screen and notice that the dialog window has changed if the file was sent successfully.

			23
🕞 🚯 Bluetooth File Tra	nsfer		
Save the received	d file ne location below, or click Brow	vse to choose a different location.	
File name:	File Name	Size	
	6757	6.34 KB	
Location:	C:\Users\LabPuter\Docu	iments	Browse
			Finish Cancel

The file will most likely be named something different than what you named it on the tablet. However, this is just a Bluetooth code that was assigned to it and the original file name is actually still there. Select a location where you want to save the file by tapping the "Browse…" button. And then tap "Finish." 26. After Receiving and saving the file, open the folder that the file is located in. Notice that the file has no extension and therefore Windows OS does not know how to open it. If you try to double click on it, your computer will display an error message and try to get you to select a program to open it with.

Irganize 👻 Include in	library 🔻 Share w	rith 🔻 New folder					
Favorites	Name	*	Date modified	Туре	Size		
Desktop Downloads Downloads Recent Places DFS Firmware Documents Music Fictures Videos	_ 6757 ■ Silverlight_x	View Sort by Group by Refresh Customize this folder Paste Paste shortcut Undo Move Share with	Ctrl+Z	File Application	7 KB 12,856 KB		
Computer 🏭 System (C:)		New	•				
➡ Local Disk (D:) ➡ BFS Firmware (\\CAI		Properties					

Right click on the file and select "Properties".

27. In the Properties of the file, add an extension to the file. To do this, simply add ".zip" to the end of the file name and hit "OK"

6757 Propert	ties
General Secu	rity Details Previous Versions
	6757.zip
Type of file:	File
Description:	6757
Location:	C:\Users\LabPuter\Downloads
Size:	6.34 KB (6,494 bytes)
Size on disk:	8.00 KB (8,192 bytes)
Created:	Today, July 29, 2016, 1 minute ago
Modified:	Today, July 29, 2016, 1 minute ago
Accessed:	Today, July 29, 2016, 1 minute ago
Attributes:	Read-only Hidden Advanced
	OK Cancel Apply

28. The File type has now changed to a zip file. You can now right click and extract your Fish-Study data package to anywhere you want on your computer. Extract the file's contents. Check the 'Show extracted files when complete" option if you want to view your data files after the extraction process.

Extract Compressed (Zipped) Folders	X
Select a Destination and Extract Files Files will be extracted to this folder: C:\Users\LabPuter\Desktop	Browse
 ✓ Latract Compressed (Zipped) Folders Select a Destination and Extract Files Files will be extracted to this folder: C:\Users\LabPuter\Desktop ✓ Show extracted files when complete 	
	Extract Cancel

29. You now have all of your records on the computer and the transfer process is now completed. Notice that the original file names are still there and were not lost in this process.

rganize 🔻 🛛 Include in	library 🔻 Share with 👻 New folder				8== -	
Favorites	Name	Date modified	Туре	Size		
Desktop	abbreviation codes	7/29/2016 11:07 AM	Microsoft Office E	1 KB		
bownloads	Fish Records Data File-Sample Study - Gu	7/29/2016 11:07 AM	Microsoft Office E	10 KB		
🔄 Recent Places	Fish Study Settings Data File-Sample Stu	7/29/2016 11:07 AM	Microsoft Office E	2 KB		
	Fish Study Settings File-Sample Study - G	7/29/2016 11:07 AM	JSON File	33 KB		
Libraries						
BFS Firmware						
Documents						
J Music						
E Pictures						
Videos						
Computer						
Sustem (C)						
Local Dick (Dr)						
BES Firmware ()(CAL						
Network						
Network						