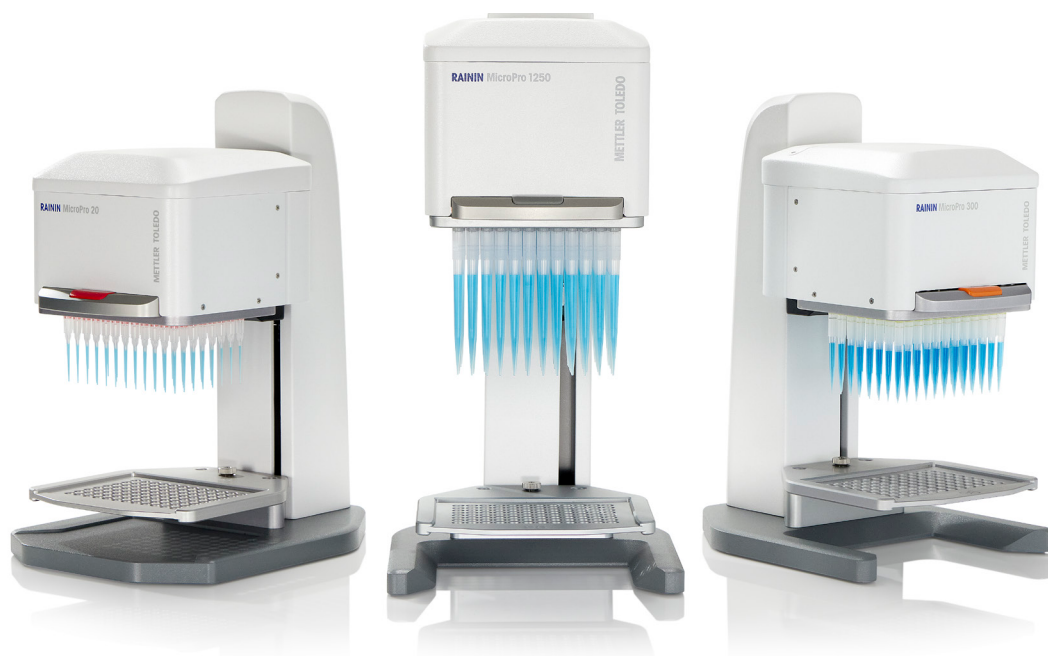


Rainin MicroPro Controller App Installation



This installation guide is only applicable for users who have MicroPro Controller app **v3.1 (legacy Avidien) or Rainin v4.1 or later**. If you have an older version of the app, please contact Rainin Technical Support for assistance with upgrading your application.

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New MP Controller App – Download and Installation

Below you will find step-by-step instructions for downloading and installing a new version of the MicroPro™ controller app.

1. Connect to WiFi

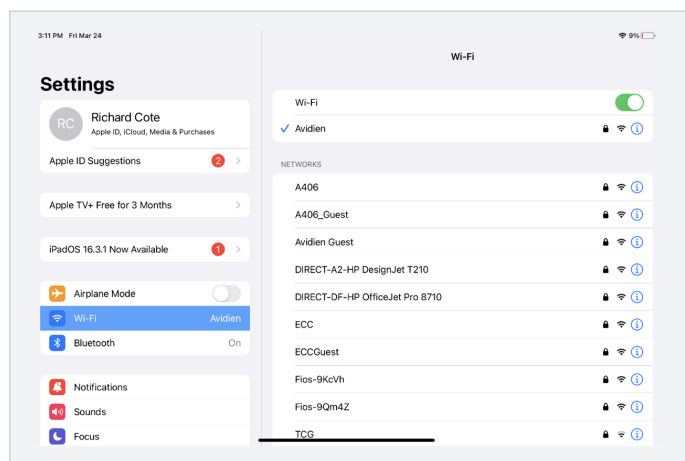
- Go to Settings by finding and pressing the settings icon.

It is usually located on the main front screen of the iPad® when you first turn it on.

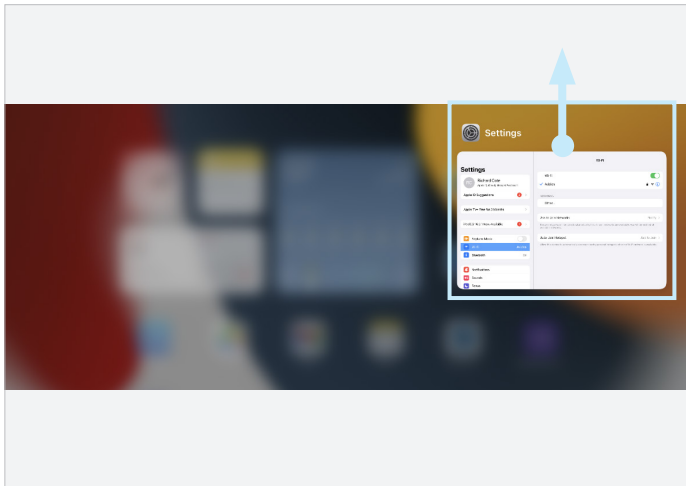
If not, swipe to the left (←) until you get to a screen that shows the App Library and press on the section labeled Utilities. Here, you will find the Settings icon.



- From within the Settings screen, select WiFi from the options on the left side and make sure that it is turned on. If it is already connected, then you will see the name of the network listed and a blue check mark next to it. If it is not connected, select the appropriate network name and enter the password if required.



- Once connected, exit and close settings swiping slowly upwards from the very bottom of the screen and stop and lift your finger when you reach the middle of the screen. The Settings window should now appear as a smaller rectangle image on the screen. Then, simply use your finger to drag the Settings window off the top of the screen. This will close the window.



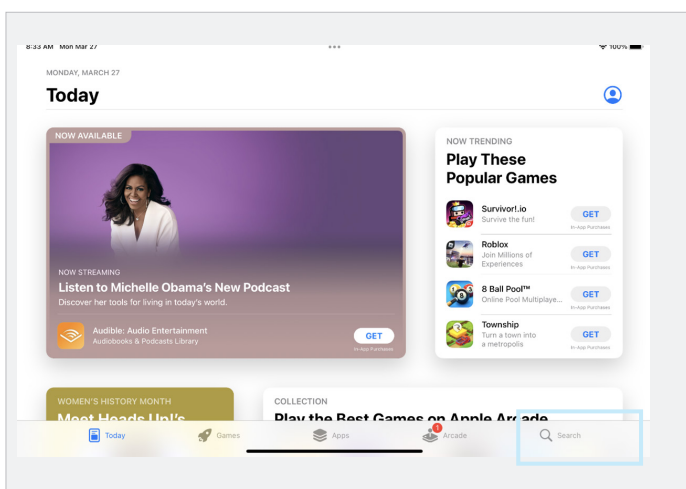
2. Log in to the App Store

- Go to the App Store by finding and pressing the icon. It is usually located on the main front screen of the iPad when you first turn it on. If not, swipe to the left until you get to a screen that shows the App Library and press on the section labeled Utilities. Here, you will find the App Store icon.

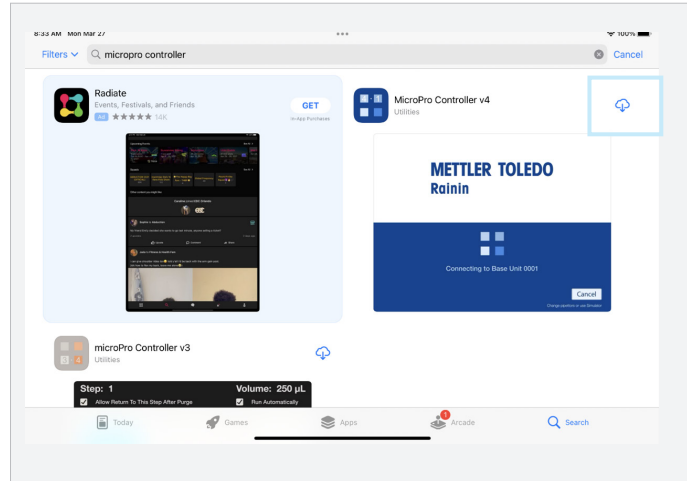
Note: You will need to create and use your own Apple ID to log in to the App Store. Or, if this is a shared iPad, use your department or organization's Apple ID and password. For more details on creating a new Apple ID, please follow the instructions provided at the following link: <https://support.apple.com/en-us/HT204316>

3. Find and download the MicroPro controller app

- After opening the App Store, press the search button on the bottom right of the screen. This will take you to the search window.



- Search for MicroPro Controller. Find the version of the app that you are looking for in the list. The name of the app has the version number in it, so you can use that to tell which version you are selecting. The app icon also shows the version number in the icon itself (see next page).



Note: Each version of the MicroPro Controller will be released as a separate app in the App Store. This is the only way MicroPro users can continue to download previous versions of the app.

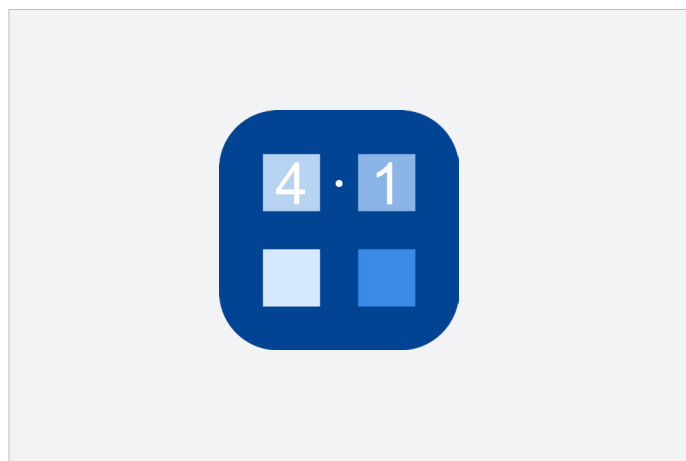
4. Download the app

- Press the GET button next to the version of the app you wish to download. If you have already downloaded the app before, even if you have deleted it from your iPad, it will simply show the download icon. If this is the case, simply press the download icon to begin downloading.
- Once downloaded, close the App Store in the same way as you closed Settings, by swiping/dragging up from the bottom until you get into the middle of the screen then release. The app window should now be a smaller version of itself, and you can now drag it off the top of the screen to close it.

5. Locate the app on tablet

After the app is downloaded, it will be automatically placed in the next available spot on the main screen(s) of your iPad. You might not see it right away, but you can find it in a couple ways:

- Swipe the main screen to the left to look on any of the other main screens that might have the app in them. Look for the MicroPro Controller icon that has the version number that you downloaded.



- If you do not see it, continue swiping the screen to the left until you come to the App Library screen. Here, you will see a section labeled Recently Added. Here you should find the latest version of the app that you have downloaded.

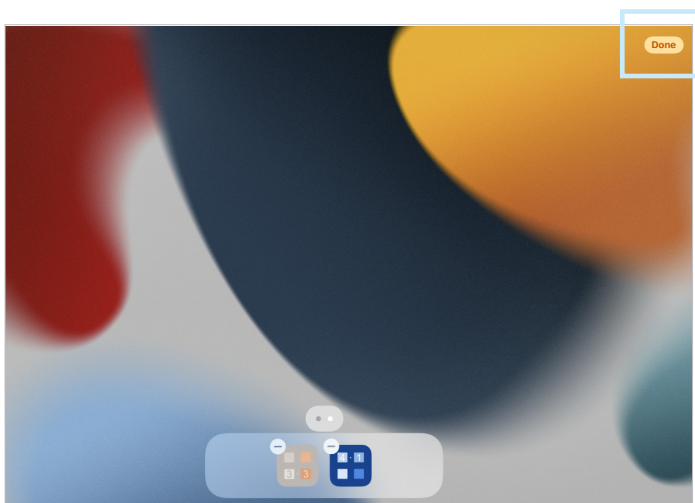
6. Move the app

- Once you have found the app, we recommend that you move it to the main screen and place it into the app tray at the bottom of the screen. This is the area with the lighter colored back ground that should currently have the older version of the app. This area will also temporarily show the icons of any recently used apps.



- To move the latest version of the MicroPro Controller app to this area, press and hold the icon until a couple of small pop-up windows appear. You can ignore those windows and simply drag the icon towards the bottom of the screen until it is positioned inside the app tray area. Then you can let go of the app and it will stay in this new position.

Note: While you do this, all the icons are shown to be shaking or vibrating. This is normal behavior and indicates that you are in the process of arranging the apps on the main screen. Once you have the app icon where you want it, press the DONE button in the top right corner of the screen.

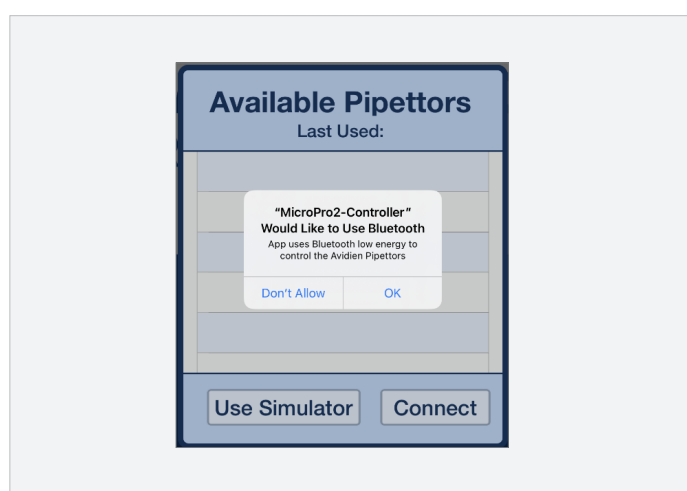


7. Open the app and Bluetooth® permissions

- To open the new app, simply press on the icon and it will open normally.
- When opening a new app for the first time, a pop-up window will ask permission to allow the MicroPro Controller app to use Bluetooth. Press OK. This will allow the iPad and the MicroPro Controller to communicate with the instrument.

Note: If you choose not to allow the app to use Bluetooth, it will not function properly.

- After pressing OK, the MicroPro Controller will open to the normal startup screen where it is asking to connect to a nearby instrument. From here you can connect to an instrument or choose “Use Simulator” instead.



FAQ – Frequently Asked Questions

Below is a list of frequently asked questions regarding installing the app, using a new version, why and when new versions are released, etc.

Q: Why are new versions of the app released?

A: New versions can be released for a variety of reasons. They are typically released to accompany a new model of instrument and/or to make new features or capabilities available. Minor bug fixes are generally not the only reason a new version is released.

Q: How often do new releases come out?

A: We try to keep app releases to a minimum. There are typically 1-2 app releases each year, but that depends on other factors as mentioned above.

This limited approach is due in part to the fact that some MicroPro users must validate the app software as part of their labs' requirements. As such, they cannot easily accommodate a new app every time one is released. Because of the work involved to validate a new app, these users do not adopt the latest versions right away unless there is a distinct advantage to justify the added work.

Q: Do I have to switch to the latest version?

A: We would always recommend that you download and use the latest version of the app. This will ensure that you are always benefiting from the latest capabilities of the MicroPro Controller app.

That said, you do not need to switch to the latest version. They can continue using the older version as long as you need. However, we recommend upgrading in order to take advantage of whatever new features have been released in the latest versions.

Q: Why is each new version released as a separate MicroPro Controller app?

A: Each new version is released as a separate MicroPro Controller app to allow users to continue to download the older versions. Rainin will always ship a unit with the latest version of the app pre-installed on the iPad. However, users who require software validation may want to continue using the older version that they have already verified.

Apple® does not allow for older versions of the same app to be accessible. So, the only way to ensure that users have access to these older versions is for each version to be released as a separate MicroPro Controller app. That way, you can always search for, find and download the specific version that is needed.

Note: In the case of a critical update, a new version of the MicroPro Controller app may be released as just an update, rather than a completely separate app. When this is the case, the ability to update the existing app will be available in the App Store. Rather than downloading and installing a new separate app, the user can simply update the existing app they already have. For example, v4.2 was a critical update to v4.1 and therefore was released as an update to v4.1 rather than a completely separate app. However, this does mean that v4.1 is no longer available in the App Store.

Q: How can I tell which version of the app I have?

A: The app icon will have the version number in the icon image itself. The name of the specific app will also contain the version number.

Additionally, from within the app itself, you can go to the Settings screen. From here, if you navigate to the Instrument Info screen within Settings, you will see the exact version number of the app you are using listed there.

Q: Should I keep WiFi enabled and turned on for the iPad?

A: We recommend keeping WiFi turned off except for when you need to download a new version of the app. Why? The iPad is more secure without WiFi turned on and it will also prevent the iPad from downloading iOS software updates that are pushed out automatically by Apple.

Q: Can I transfer my saved programs, containers and special liquids from the old version to the new version of the app?

A: Yes, please see the guide below for step-by-step instructions.

Note: In the case of a critical update that is not released as a new separate app, the transfer of saved data is not required. This data will be maintained when the app is updated.

MP Controller App Transfer – From Old to New Version

Below are step-by-step instructions for transferring programs, containers and liquids from an older version of the app to the new version. Images in the left column show file transfer from the legacy Avidien controller app to the Rainin app while those in the right column show file transfer from an older Rainin controller app to a newer version.

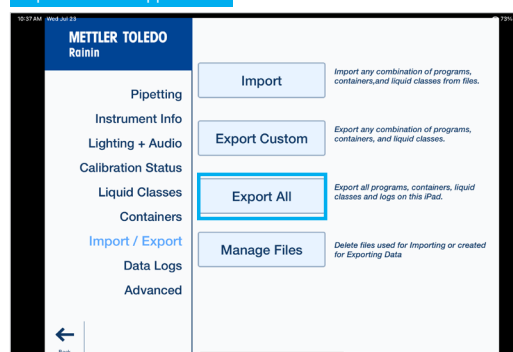
1. Export programs/containers/liquids from old app

- Open the old version of the app and proceed to the Settings screen by pressing on the Settings icon that is in the lower right corner of the main screen. For this operation you can be in Simulator mode or connected to an instrument (it doesn't matter).
- From within Settings...
 - Select Import/Export from the options on the left side of the screen. The right side of the screen will update to show you the various Import or Export options.
 - Press the Export All button.

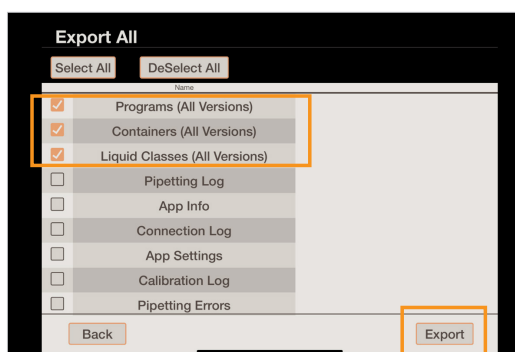
Steps for legacy Avidien app



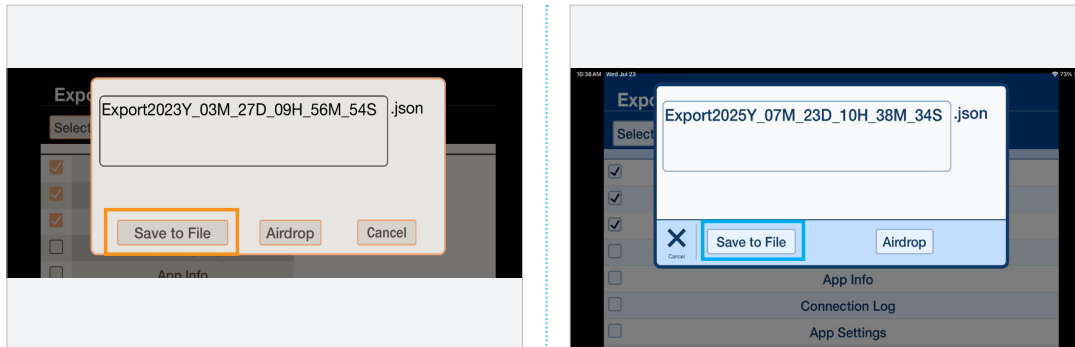
Steps for Rainin app



- The Export All screen will show a list of the item categories that can be exported. Since log files cannot be transferred from one version of the app to another, we are only interested in the programs, containers and liquids.
 - Select each one of these categories and
 - Press the Export button in the bottom right corner of the screen.



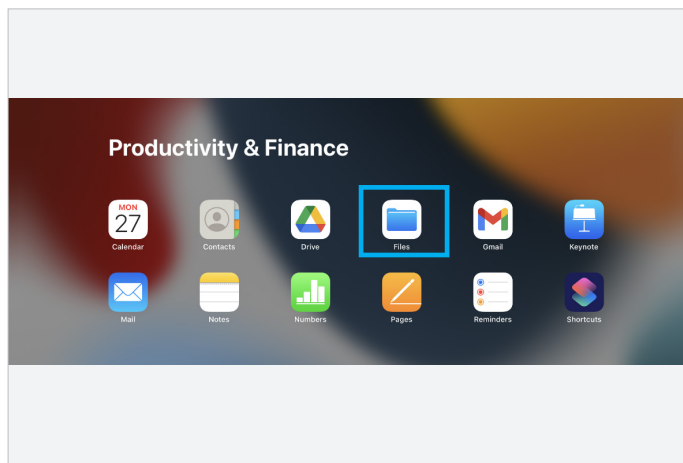
- A new pop-up window shows the name of the file that will be exported. By default it uses a naming convention that includes the date and time of the export. You can change the name to be anything that you want. After settling on a file name, press the Save to File button.



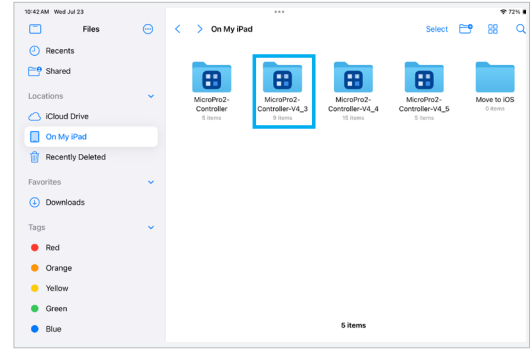
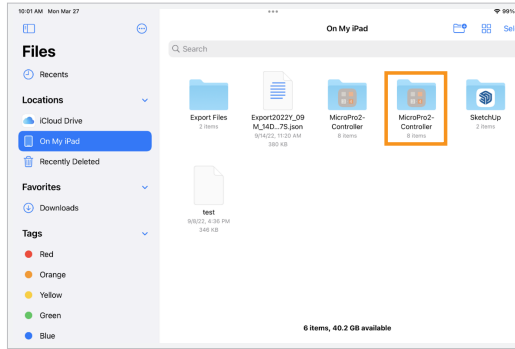
- After pressing Save to File, you can simply back out or close this older version of the MicroPro Controller app.

2. Copy and paste the saved file

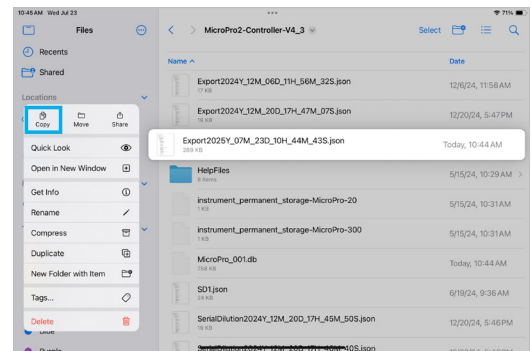
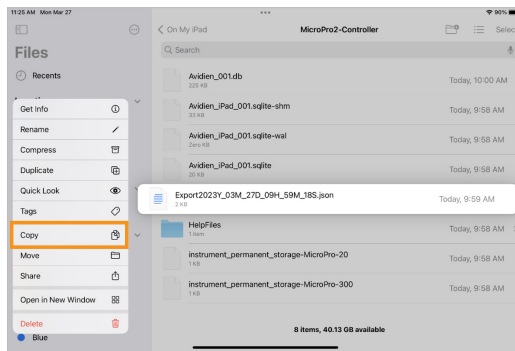
- The file you just exported has now been saved to the appropriate app directory in the standard Apple Files app.
- Find and open the Files app. This app is usually located on the main front screen, however, you can also swipe to the left until you get to the App Library screen. Here, you will find the Files app in the Productivity & Finance section.



- Press on the Files icon and open the app. You will then be presented with a standard file screen that, by default, shows you all the files that are on this iPad. You will see a number of folders on the right side of the screen. Select the folder labeled "MicroPro2-Controller" or the one with the name and version of the app you are using.

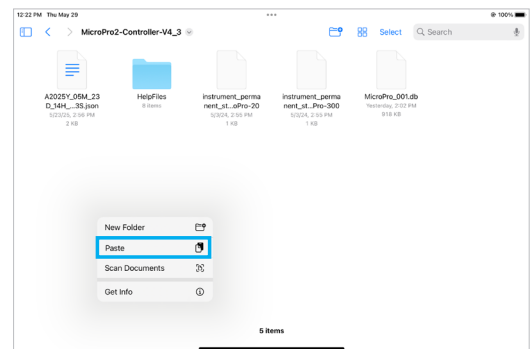
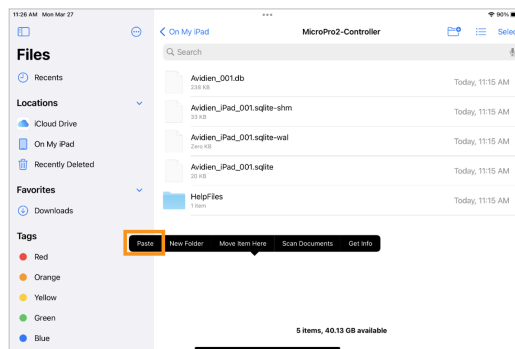


- Once you select the folder, you will see a list of the files contained within.
 - Find the file name that you just saved using the Export All function in the old app.
 - Press and hold the file name until a list of options appears.
 - Release the file name and select Copy from that list.



- Then use the navigation bar at the top of the screen to go back to the top directory called "On My iPad."
 - Select the folder with the name of the new version of the app you would like to transfer the programs into.
- Once you select the folder, you will now see a list of the files for this new version of the app.
 - Press and hold on the blank area of the screen on the right side after the list of files.
 - Hold until you see a list of options, then release and press Paste.

This will then paste the file you copied from the old app folder into the new app folder.

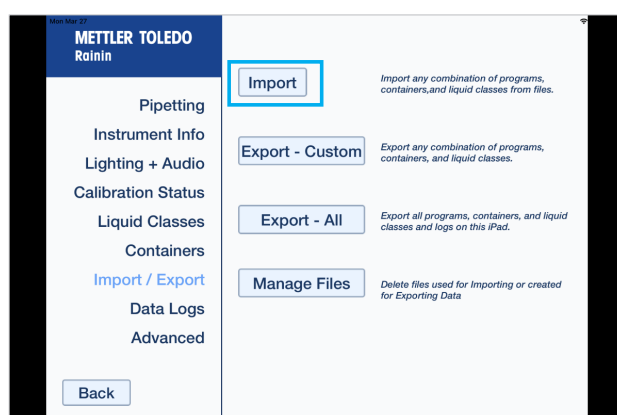


Note: You might see two app folders with the same name. This is a known issue for all versions up to 4.2 that was resolved with the release of version 4.3. For now, simply:

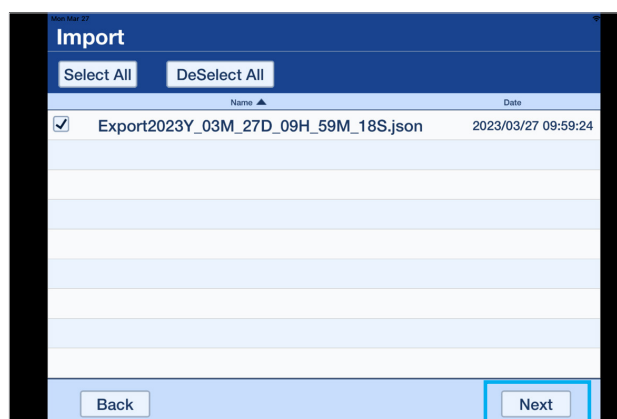
1. Check each folder to find the name of the file that you saved.
 2. Following the instructions above, paste the file into the new folder that has the same name but does not have the file already.
- After completing the steps above, exit and close the Files app using the same method as before:
 - Swipe or drag your finger up from the bottom of the screen until you reach the middle of the screen.
 - Release and the Files app should now be reduced in size on the screen.
 - Swipe this smaller version of the Files app up and off the top edge of the screen to close.

3. Import programs/containers/liquids into the new app

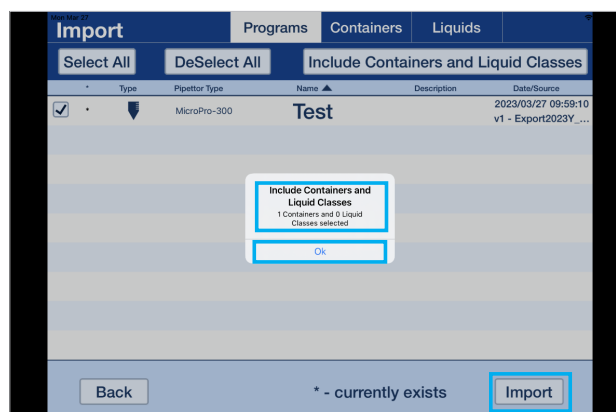
- Open the new version of the app by pressing on the icon with the appropriate version number that should now be on the main app tray on the bottom of the main screen (see previous installation steps above). You can either connect to an instrument or use Simulator (it doesn't matter which).
- From the main screen, go to Settings by pressing on the Settings icon in the lower right corner.
- From here, select the Import/Export option on the left. The screen will update showing new options on the right side. Press the IMPORT button.



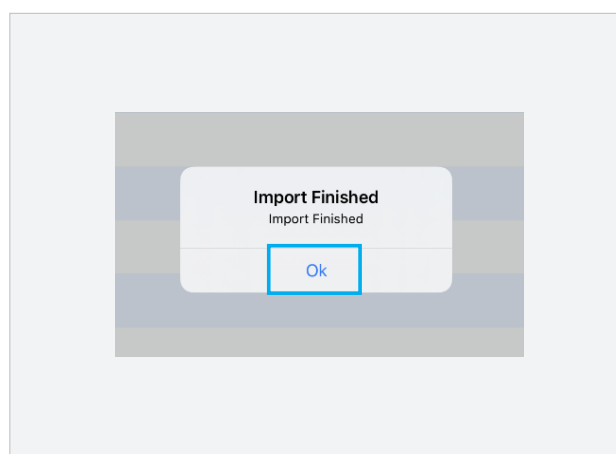
- From the main Import screen, you will now see a list of files that you can import.
 - Find the name of the file that you saved previously
 - Select it using the checkbox.
 - Then press NEXT on the lower right.



- This will now take you to a detailed screen that shows a list of all the programs, containers and liquids that were saved in this file. To import everything:
 - Press Select All (upper left) from the Programs tab
 - Then, press the Include Containers and Liquid Classes button (upper right).
 You will see a pop-up window that tells you how many containers and liquids were included.



- After everything has been selected that you wish to import, press the Import button in the lower right corner. The items will be imported into the MicroPro Controller app and you will now see a pop-up window that says Import Finished.
 - Press OK.



- Press the BACK button (lower left) until you exit all the way back to the main pipetting screen. Now, if you proceed to Favorites (function button at the top), you will see all the programs from the file saved on the old app have now been imported into the new app.

Note: You do not have to import everything. You can simply choose the items you wish to import and only bring those into the new app. Keep in mind that you can select individual Containers and Liquids by navigating to those tabs from within the Import screen.

Notes

METTLER TOLEDO Group

Local contact: www.mt.com/contacts

Subject to technical changes.

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For more information