NC SECU_MD_User_Walk_Through – (Version 6f)

This is a walk through on fixing NCSECU OFX downloads within Moneydance. This walkthrough is long, because we are trying to make this dirt simple. You should read this entire document before you begin; this will help you follow the steps correctly.

This will be a one-time process. Basically, you will be doing this:

1) Gather your current account information
2) Make a backup.
3) Get the script provided.
4) Run the script provided.
5) Using the standard Moneydance Online Menu, download your account and then Link/Match additional accounts (if you have more than two).

We anticipate these steps will be about a 20-minute process (not including reading this pdf ☺), a bit more if you have more than one checking and one credit card account.

> *NOTE – This is not an official Infinite Kind document.*
> *This fix and instructions have been created by Moneydance users.*
> - *Script creation by Moneydance user Stuart Beesley*
> - *Instructions and testing by Moneydance user @dtd*
> - *Credits and technical OFX input by Moneydance user @hleofxquotes*
> *>> Thanks, all! <<*
> *Yes, you use this at your own risk.*
> *This is provided freely, but you should **backup and test** this before using.*

So, are you ready to change Moneydance so that you can turn back on automatic downloads of transaction data from NCSECU? Of course, you are!

STEP 1 – Gather your current account information. (required)

You need your account numbers. You also need the NCSECU routing number.

The NCSECU routing number is easy. It is **253177049**. Add that to your copy/paste file.

You know your checking, savings, money market or credit card account numbers. Make a note of whether your accounts are Checking, Savings, Money Market or Credit Card etc.

There are some caveats, and requirements in this download game.

- For your checking/savings/money market account(s), NCSECU requires seven digits, so if your is less than this then you have to pad it with zeroes, so 123456 becomes 0123456.
- For your credit card, use your 16-digit number (15 for Amex).

Put these numbers into the same file; you now have a copy/paste file with the required items in it, because you'll be copying/pasting them when you run the script.
The file should basically have within it:

userid – (under access id)
yyyyyyy
userpassword – (under access pin)
zzzzzz
NCSECUroutingnumber
253177049
Checkingaccountnumber – 7 digits
nnnnnnn
Accounttype: Checking, Savings, Money Market or Credit Card
Creditcardnumber – 16 digits (15 for Amex)
aaaabbbbccccdddd

If you have more accounts, put them in this file as well; **we will handle those accounts in step 5.**

Now that you have your numbers, what do you do with them?

STEP 2 – Get the script provided.

The script deletes the non-working NCSECU profile and creates a new NCSECU custom profile that works. In creating the new custom profile, you will be asked to enter the information you gathered.

There is a Python script (and this documentation) available on the author's site:
https://yogi1967.github.io/MoneydancePythonScripts/
but don't click the author's site now, what you really want now is to click:
https://github.com/yogi1967/MoneydancePythonScripts/raw/master/useful_scripts.zip

Download the file and unzip it, then look for this file (script):
- *ofx_create_new_secu_bank_custom_profile.py*

Note: This script deals with max one checking / savings / money market account and max one credit card account. You need at least one of these, you don't need both. Your actual financial data is not touched or changed; just the OFX connection profile, the associated OFX authentication details, and the linkages between your Moneydance accounts and the connection profile. This script does only ONE thing – remove your broken profile, correct the linkages, and provide a custom new one.

We will deal with other accounts in step 5.

DISCLAIMER: Before we move further, realize we are entering a zone where we cannot assume responsibility. If you go further, anything that goes wrong is your responsibility.

So, **make a backup at absolute minimum**, so you can restore if something goes wrong. If this is enough for you move on to step 3.

This script is pretty safe (the worst that could potentially happen is you break your already broken NCSECU profiles) – but testing this script, on a test database, will insure it works properly for you.

If you have multiple NCSECU accounts, we recommend you start with a test database, as you may have to figure out which accounts match/link to the numbers NCSECU and Moneydance will soon be showing.

If you mistakenly link the wrong MD account with the wrong NCSECU account, then you could download transactions into the wrong register… the same as if you completed the online menu incorrectly…. one reason to use a test database first to make sure you know the proper linkages.

Here is one testing methodology, you may have a different one.

Open Moneydance. Make an export backup of your database. Make a copy of that export backup. Rename it TESTNCSECU.moneydancearchive – you now have your live file, a backup of your file, and a test file. This is being cautious.

Open the TESTNCSECU file by double clicking – note that when Moneydance opens, the name is TESTNCSECU. Now – let's go and see that it works!

STEP 3 – Run the script provided.

Open Moneydance with your database file (or if you are testing, TESTNCSECU).

You may not know how to run a script. So here are instructions.

From the menu, select WINDOW/SHOW MONEYBOT CONSOLE

You'll get something that looks very odd, but two buttons you need to see are "Open Script" and "Run" (NOT run snippet). If you don't see both, you must change the window sizes to show "Run".

Click "Open Script", find: ***ofx_create_new_secu_bank_custom_profile.py***
and then double click or whatever puts it in place.

Then click "Run".

NOTE: On a Mac you will get two popup warnings about a jffi*.dylib file. Just click Bin/Ignore/Cancel – it doesn't matter and is irrelevant. These are nothing to do with these scripts, it's a problem in the Moneydance code. They are harmless popups.

The script will ask you for all those numbers you gathered.
Enter them carefully, copy/paste works well (on a Mac you can use keys CMD-C and CMD-V).
Make sure you clear the default information in each field.

First question, did you make a backup?
Of course, you have, but if not, **STOP**, go make one.

Enter/paste all the numbers requested. During this, you will be asked some questions, one of them being which bank logon / service profile to change (and the script will deliberately provide only NCSECU) and what type of account (checking/savings) you are entering.

After all the questions/data entry, hit **proceed**. A popup box should appear saying "Successful".
If you do not see successful, examine the information in the Moneybot Console Screen.
If you see errors, then either report them or see what went wrong.

CLOSE Moneydance and restart. **This is necessary**.

For each account you entered in the script, click on the account, and then select
ONLINE/Download (this account). (CMD-D on Mac)

If everything went well, checking should download, meaning you have successfully connected. The credit card data may download as well, but don't be concerned if you get error 2003 (account not found) for the credit card (this is a successful connection as well); we deal with that in step 5.

NOTE: The script has finished and is no longer involved. NCSECU now downloads slightly different information. YOU DO NOT NEED TO RUN THE SCRIPT AGAIN! What is downloaded (and what is stored for your account numbers) has changed somewhat. Now that you have a corrected profile, we look to Moneydance to take over.

If checking did not download, you **may** need to revisit the whole process again (i.e., start over), if you have not achieved a successful connection.

Some errors we've seen:

2000. Connection error. Check the console log for details.
If you get connection problems, please try disabling proxies, VPNs, Pi-Hole, Browser blockers, DNS Sinkholes, Cookie blockers to eliminate these as potential problems.

2003. Account not found. This is your bank telling you that it could not find the account you specified. **You have successfully connected!** We deal with this in step 5. by looking at your account numbers and other items.

2015. Date too far in Future. Moneydance remembers the last txn date so as not to download older information. So, you may see "Downloaded zero new transactions" because you've already downloaded the data. You may also see a 2015 error – where for some reason the last txn date is bad and in the future. In either case, use ONLINE/Setup Online Banking/Reset Sync to reset it.

You will get all the downloads the bank has on file instead of only recent ones after the txn date. *Optional: If you are using Moneydance 2021 build 2012+, you can change the last txn date vs. resetting it. The free Toolbox extension (by the NCSECU fix script author), advanced mode, OFX Banking menu, 'update OFX Last Txn Update Date' option. Toolbox can also do many other OFX 'things'. Again, totally optional.* https://yogi1967.github.io/MoneydancePythonScripts/

If things just don't work, then use Help>Console Window (this is different than the Moneybot Console) and try the download again, leaving the Console Window open. You will see extra messages. If you seek help, we will need to see these messages., i.e., copy/paste them.

Given you have successfully connected, the normal Moneydance Online/Setup Menu items work properly again for NCSECU. We can use this connect your other accounts in step 5.

Hopefully, you will say/post, "Oh wow, you folks rock."

STEP 4 – eliminated

STEP 5 – Add other accounts (will be required)

This script was initially designed to fix one checking account and one credit card, but we know some folks have more accounts with NCSECU.

Given your profile has now been fixed, you should be able to use Moneydance to go to each account, do the ONLINE/SETUP BANKING bit, hit Change, find the other accounts in the list (you may have issues linking multiple accounts to weird numbers) and properly link your accounts between NCSECU/Moneydance. Fixing these one at a time, starting with the ones that match, would be a good process. If an account is missing, it may be due to little or no use. Wake it up with a small transaction.

Be careful here! Pay attention to which numbers go to which accounts. If you get the matching wrong, change the accounts again to attach to the correct accounts. You may have to delete any transactions you downloaded incorrectly, if the matching was wrong initially. *If you are using TESTNCSECU, feel free to create a brand-new account, link it to a number you don't recognize, download transactions, and note which account that really is. Repeat if necessary, then once you have all the linkages correct, you can move to your real dataset knowing this information.* Again, take notes, as when Moneydance fixes this, the same matching will be needed.

If you've been entering transactions manually for the last month (I have), then you will need to do the merge/confirm bits to combine duplicate transactions. Personally, I have Moneydance / Preferences / Network / Automatically Merge Downloaded Transactions checked, but everyone has different concepts on how to do this properly.

STEP 6 - ☹
We don't rock. Yet. It didn't work?
First– go try again. Maybe you typed something wrong. (I've done this in testing)
Second – say something – we want it to work as well.

OPTIONAL – Cleanup (If needed)

If you did test this first with TESTNCSECU, then you may find an extra file nagging you. If you've finished and have now updated your live file, then you can delete this test file.

Opening your (fixed!) live file in Moneydance, go to HELP/Show Documents Folder. you should see your live file and the TESTNCSECU file. Given you no longer need it, you can delete TESTNCSECU. Don't delete the live file! ;)

Similarly, you can go to HELP/Show Backup Folder, and you can do the same – i.e., delete any TESTNCSECU backups. Again, not the live file backups, of course.

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