

PROCEDURE TO IMPORT FIDELITY ORDER REPORT TO TRADERVUE USING MS EXCEL 2019

by thomasalvatran

May 22, 2022

A Weekend Project

The current report of Fidelity does not the execution time of the trade also known as order time. Fidelity website is only providing date and ordering of execute time Traderview use it the order to display the orders but time is shown as 12:00:00 since Fidelity website does not provide it. See youtube video <https://youtu.be/3t2VlciljS4> this is the reason I want to fix it.

- **Time:** highly recommended; if this column is omitted, 12:00:00 will be used as the execution time for each execution. This has a number of side effects - see [Importing without execution times](#). If present, the time MUST be in HH:MM:SS format as shown, in 24-hour time. The time zone can be selected when importing.

However with Fidelity Active Pro application the user can export csv file format with the time as 12 hour format such as 12:00:00 AM or PM.

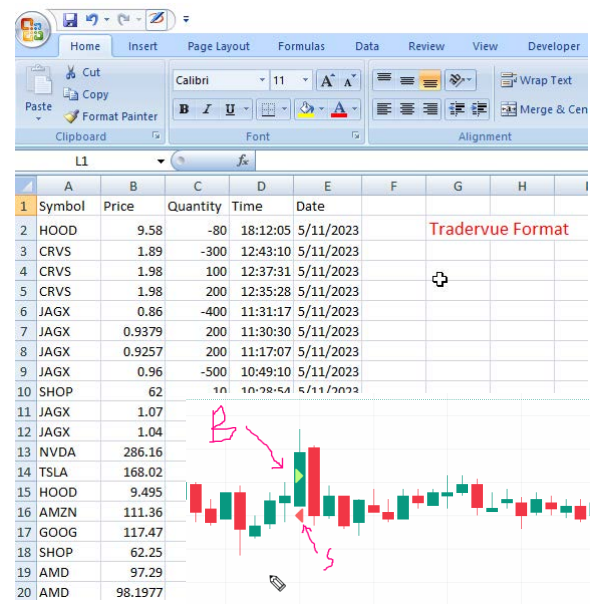
this is important

In main menu Trader and orders click orders a pop up will display from left mouse click export to csv. This way it will include time stamps in 12 hour format but it will be rejected by Tradervue because it does recognize AM or PM it is so stupid.

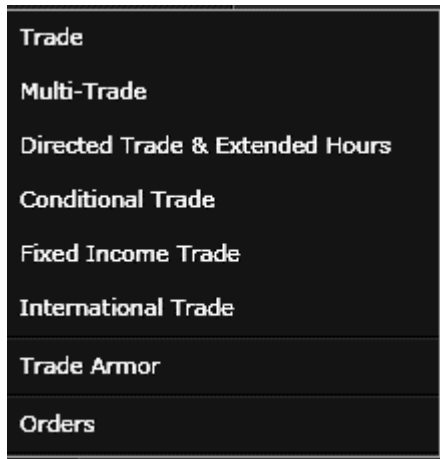
Export from Fidelity Active Pro Application and not from the website fidelity.com

Traderview should handle 12 hrs format with AM or PM since Fidelity is broker it is not their responsibility but traderview is a software company and very expensive monthly cost should handle any time format throws at it. This is easy job, I was a software design engineer (1979-2022) before I retired we do can do a lot of wonderful things with LAMP like Facebook. I think the Tradervue is based on PHP and MySQL if it is truth they can build a powerful website better this current website Tradervue.com many traders are using it and I don't use it just test my day performance when needed. I don't know but MySQL can be setup to accept any data throws as it. My Python converts the Fidelity format to Tradervue format with the correct timestamps and quantity per required by Tradervue. As you can see 06:12:05 PM quantity Sell 80 from Fidelity to become 18:12:05 with -80 (sell) which will be recognized by Tradervue. It reduces from 4 hours manually to just less then 3 minutes using Python. Passing correct timestamps format to Tradervue so it will show in the chart when the buy/sell took place.

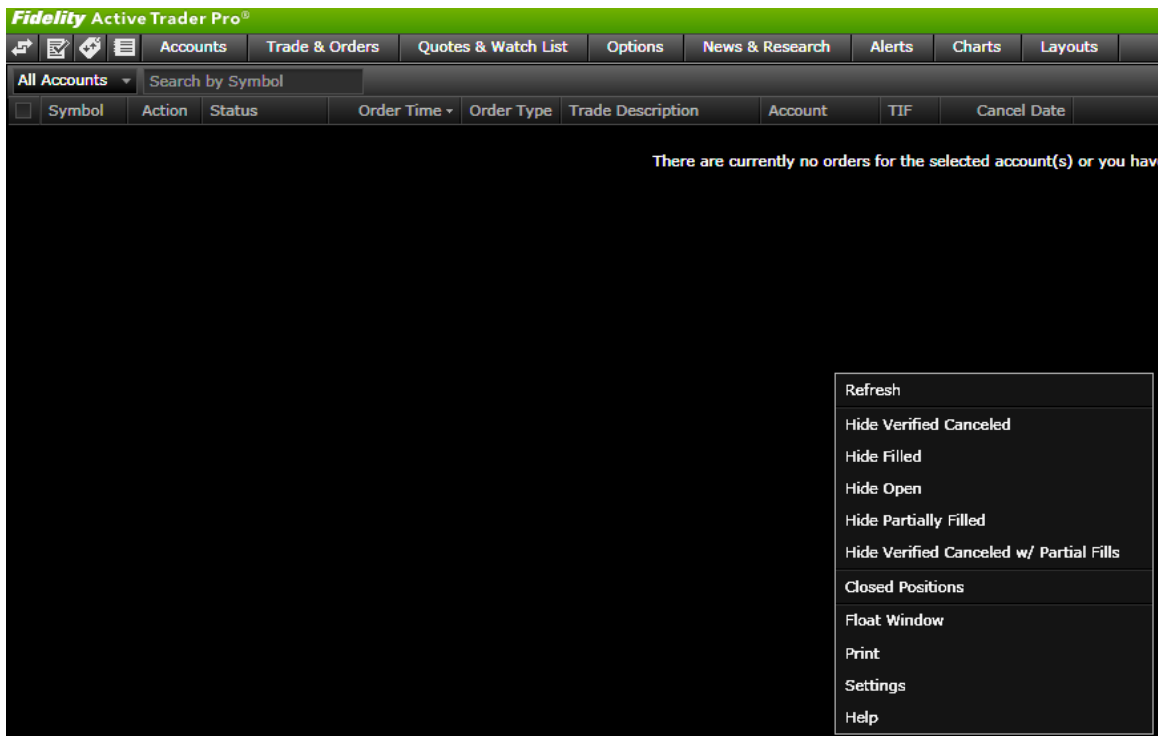
Order Status	Symbol	Status	Trade Des	Order Tim	Order Typ	Account	Quantity
05/11/2023 09:43:26 PM ET							
4	HOOD	FILLED AT	Sell 80	06:12:05	Limit at \$5 ROLLOVER		80
5	CRVS	FILLED AT	Sell 300	12:43:10	Stop Loss ROLLOVER		300
6	CRVS	FILLED AT	Buy 200	12:37:31	Limit at \$3 ROLLOVER		200
7	CRVS	FILLED AT	Buy 200	12:35:28	Limit at \$2 ROLLOVER		200
8	JAGX	FILLED AT	Sell 400	11:31:17	Stop Loss ROLLOVER		400
9	JAGX	FILLED AT	Buy 200	11:30:30	Limit at \$6 ROLLOVER		200
10	JAGX	FILLED AT	Buy 200	11:17:07	Limit at \$6 ROLLOVER		200
11	JAGX	FILLED AT	Sell 500	10:49:10	Stop Loss ROLLOVER		500
12	SHOP	FILLED AT	Buy 10	10:28:54	Limit at \$6 ROLLOVER		10
13	JAGX	FILLED AT	Buy 200	10:24:49	Limit at \$1 ROLLOVER		200
14	JAGX	FILLED AT	Buy 300	10:22:38	Limit at \$1 ROLLOVER		300
15	NVDA	FILLED AT	Buy 1	10:03:05	Limit at \$2 ROLLOVER		1
16	TSLA	FILLED AT	Buy 2	09:58:11	Limit at \$1 ROLLOVER		2
17	HOOD	FILLED AT	Buy 30	09:53:57	Limit at \$5 ROLLOVER		30
18	AMZN	FILLED AT	Buy 2	09:53:26	Limit at \$1 ROLLOVER		2
19	GOOG	FILLED AT	Buy 2	09:44:41	Limit at \$1 ROLLOVER		2
20	SHOP	FILLED AT	Buy 20	09:42:42	Limit at \$6 ROLLOVER		20
21	AMD	FILLED AT	Buy 2	09:41:47	Limit at \$5 ROLLOVER		2
22	AMD	FILLED AT	Buy 2	09:37:09	Limit at \$5 ROLLOVER		2
23	AMD	FILLED AT	Buy 2	09:36:49	Limit at \$5 ROLLOVER		2
24	AMD	FILLED AT	Buy 5	08:47:23	Limit at \$5 ROLLOVER		5
25	AMZN	FILLED AT	Buy 2	08:46:30	Limit at \$1 ROLLOVER		2
26	AAPL	FILLED AT	Buy 5	08:39:04	Limit at \$1 ROLLOVER		5



To get csv file with timestamp Click orders from menu then Create file by left click on Fidelity export csv (not using Activity order from fidelity website, it does not give time but only date it creates a file called Account_History.csv this NOT what users want). In Fidelity active pro in order report only shows time stamp for only the current day with Date and time. Next day it will only show Date as in the Fidelity website report as well as Active Trader Pro in order section so if we need to the execution time for each trade need to do after market close for that day if users want to maintain the time stamp to hour, minute and second which are important to the traders to know exactly time to execute so users can reference later with the chart. Don't know why keep time all the time for all executed trade in Fidelity. It is very cheap and very easy to do.



Click Orders from Fidelity Active Trader Pro



Before export to csv file need to Hide Verified Cancels w/ Partial fills so it won't show

in the report. So it won't display a lot of junk. We attract the time column from Orders in Fidelity Active Trader Pro then merge with Activity & Orders report as follows

This Activity & Orders from Fidelity website Fidelity.com. Choose custom Time Period then make sure unclick Settlement in core we just need Stock symbol, Price, cost, quantity and time with date.

ROLLOVER IRA
Brokerage: 110992950 Routing Number

Employer Benefits
Go to NetBenefits.com

Summary Positions Balances **Activity & Orders** Planning Analysis Performance Statements Account Features

Orders History Pending transactions

Time Period: Choose Custom Time Period From: 05/23/2022 To: 05/23/2022 Security Type: Symbol Security: Enter Symbol Go View settlements in core

Show: All Transactions

Expand all Collapse all

Date	Description	Amount	Cash Balance
05/23/2022	YOU BOUGHT ZOOM VIDEO COMMUNICATIONS INC CL A (ZM) (Cash)	-\$1,010.50	\$27,401.05
05/23/2022	YOU BOUGHT ZOOM VIDEO COMMUNICATIONS INC CL A (ZM) (Cash)	-\$495.60	\$28,411.55
05/23/2022	YOU SOLD ZOOM VIDEO COMMUNICATIONS INC CL A (ZM) (Cash)	\$208.31	\$28,907.15

Download

Run Date	Action	Symbol	Security D	Security T	Quantity	Price (\$)	Commissi	Fees (\$)	Accrued Ir Amount (\$)	Settlement Date
05/23/2022	YOU SOLD	ZM	ZOOM VII	Cash	-3	104.56		0.01	313.67	5/25/2022
05/23/2022	YOU SOLD	ZM	ZOOM VII	Cash	-2	104.16		0.01	208.31	5/25/2022

Brokerage services are provided by Fidelity Brokerage Services LLC, 900 Salem Street, Smithfield, RI 02917. Custody and other services provided by National Financial Services LLC. Both are Fidelity Investment companies and members SIPC, NYSE. Insurance products at Fidelity are distributed by Fidelity Insurance Agency, Inc., and, for certain products, by Fidelity Brokerage Services, Member NYSE, SIPC.

Date downloaded: 4:36 PM

We will merge these columns with time column from Orders of Fidelity Active Traders Pro.

Run Date	Action	Symbol	Security D	Security T	Quantity	Price (\$)	Commissi	Fees (\$)	Accrued Ir Amount (\$)	Settlement Date	Order Time	
05/23/2022	YOU BOUGHT	ZM	ZOOM VII	Cash	10	101.05			-1010.5	5/25/2022	04:11:50 PM 05/23/2022	=TIMEVALUE(LEFT(O7,11))
05/23/2022	YOU BOUGHT	ZM	ZOOM VII	Cash	5	99.12			-495.6	5/25/2022	04:11:37 PM 05/23/2022	

This column from Orders of Fidelity Active Pro

Run Date	Action	Symbol	Security D	Security T	Quantity	Price (\$)	Commissi	Fees (\$)	Accrued Ir Amount (\$)	Settlement Date	Order Time	Time
05/23/2022	YOU BOUGHT	ZM	ZOOM VII	Cash	10	101.05			-1010.5	5/25/2022	04:11:50 PM 05/23/2022	0.674884
05/23/2022	YOU BOUGHT	ZM	ZOOM VII	Cash	5	99.12			-495.6	5/25/2022	04:11:37 PM 05/23/2022	

This column from Orders of Fidelity Active Pro. need to attract the time from

Currently this is only way to merge time into Activity & Orders report from website that I know of. In this process you may find a missed alignment between Order Time column and Activity & Orders report because even Fidelity website and the app is called Fidelity Active Trader Pro work differently the Activity & Orders may split the trade into 2 or 3 when buy or sell and the orders

of Active Pro does not which causing missing alignment. This method assumes that both reports are the same if there are discrepancies you need to merge the column or stretch the time so the number of rows in both reports are the same and reference for the same symbol when buy and sell. If they split they both reports need to split the same or merge then both merge the same. It becomes a nightmare when both reports are not the same number of rows even it reports buy and sell of the same stock symbol but one report as a split when buy and sell and one is not this is the bug in the way that fidelity report from the website and in the application. If I found another way I will up this document accordingly. After this step we just need to convert Order time to Time

Order Time		Time
04:11:50 PM 05/23/2022		0.674884

then copy and paste this time in values without reference (REF) so we can delete column Order Time which is failed in Tradervue because it won't accept the 12 hours' time such as 04:11:50 PM but 24 hrs. time in the format HH:MM:SS which it is stupid software. Otherwise we don't need to do the following step.

Order Time		Time		Time
04:11:50 PM 05/23/2022		0.674884		16:11:50

as you can see it converts from 04:11:50 PM to 16:11:50 which is required by Tradervue. We need to go the process to convert from 04:11:50 PM to absolute values then to 24 hrs time format.

With this way we have the time is format 09:00:00 AM it needs to convert to HH:MM:SS format otherwise Tradervue importing fail see, it complex procedure using function procedure to attract 11 bytes of data for time and store it in const value so the format 09:00:00 AM will delete completely for Tradervue to parse correctly, follows the link

<https://www.Tradervue.com/help/generic> and

https://www.Tradervue.com/help/no_exectime

using function in excel to convert

<https://exceljet.net/formula/convert-date-string-to-date-time>

=TIMEVALUE(LEFT(Cell of Time, 11) // Need 8 HH:MM:SS AM or PM, 11 characters

Cell N

Order Time
11:31:20 AM
05/13/2022

To convert to numeric Integer number first take 11 characters from left of N cell

=(TIMEVALUE(LEFT(N, 11)

The string 11:31:20 AM has value as follows in value (please note that Tradervue will fail AM/PM) it only accepts HH:MM:SS format so we need to convert first:

Time INT

0.480093

Since we use function to convert cell N has 09:00:00 AM it as reference we cannot delete Cell N so we need to store Time INT into const value before we can delete it because AM/PM will cause errors when import into Tradervue. Create a column called Time as it need to parse Time into Tradervue

Time

using copy with paste special with values with Paste options into a new column.


Time INT

0.480093

to new
column
Time

Time

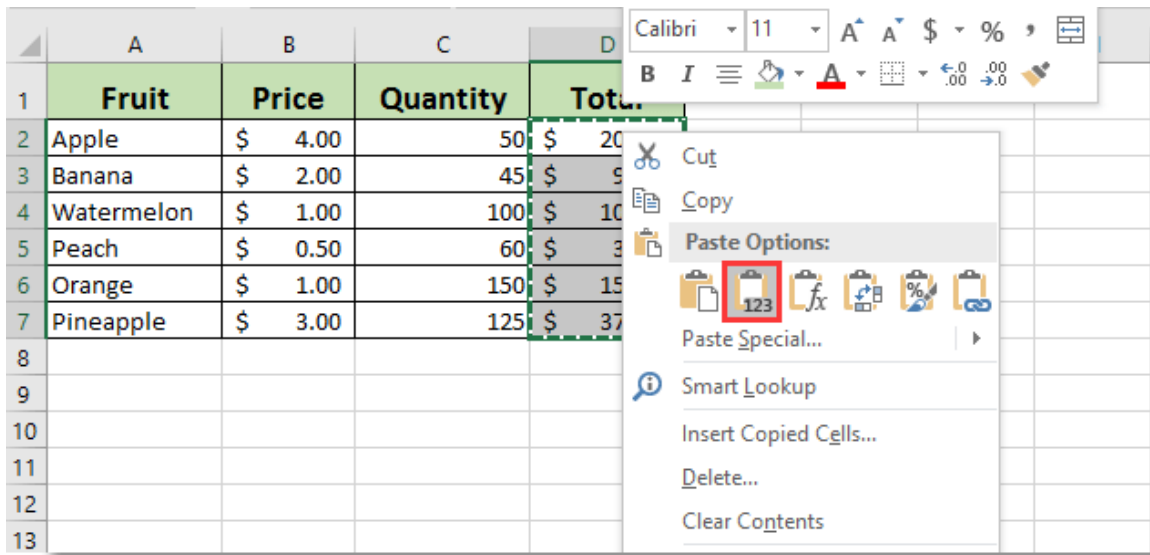
0.480093

Time INT		Time RAW
0.434502315		0.43450231
0.434398148		0.43439815

Final result is RAW data without REF (reference) so we can delete column Order Time has AM/PM causing error in Tradervue and Time with REF it has REF to Order time causing error #REF! on Excel since it has been deleted. With paste special the constant data to RAW data we can now delete 2 columns: Order Time and Time INT with Ref, only remain columns Time in RAW format

Time										
0.480093										
0.45485										
0.44772										
0.445856										
N	O	P	Q	R	S	T	U	V	W	X
		Time with REF			Time copy and paste RAW data (Constant) no need Reference					
Order Time					it contains only absolute numbers					
11:31:20 AM										
05/13/2022		=TIMEVALUE(S4LEFT(N4,11))			0.480093					
10:54:59 AM		TIMEVALUE(time_text)								
05/13/2022		0.454849537			0.45485					
10:44:43 AM										
05/13/2022		0.447719907			0.44772					
10:42:02 AM										
05/13/2022		0.445856481			0.445856					

This Time column value is final value a raw data or absolute value or Macro or Constant in C/C++ which is defined which do not has a reference so we can delete all REF cell if we don't do this step Excel will error with #REF!. The trick is deleting the reference data in the cell after we capture the RAW data which no longer need a reference (REF) This picture works a thousand words. To do this, select the cells you need to remove all references, then press **Ctrl + C** keys, keep these cells selected, right click and select **Values** under **Paste Options** section. We attract the data from Order Time cell after we are using it we can delete it as long as we store result of ref in absolute values in memory therefore because these absolute values no longer has reference (REF) so we can delete all reference REF cells. See screenshot:



Now with Time has Integer/Constant value we can convert to HH:MM:SS format as we wish or Tradervue wants it.

<https://www.extendoffice.com/documents/excel/3300-excel-convert-seconds-to-hh-mm-ss.html>

To highlight the entire columns the cell then click format cell then custom Type: HH:MM:SS hit ok then cell will convert to that format 24 hours from 12 hour format. Do exactly not a single cell and drag down that is copy we want change the format of whole columns.

We can also use this formula to convert to 24 hours format HH:MM:SS as follows:

<https://www.extendoffice.com/documents/excel/3798-excel-convert-12-hour-to-24-hour.html#a1>

=TEXT(A2,"[hh]:mm:ss")

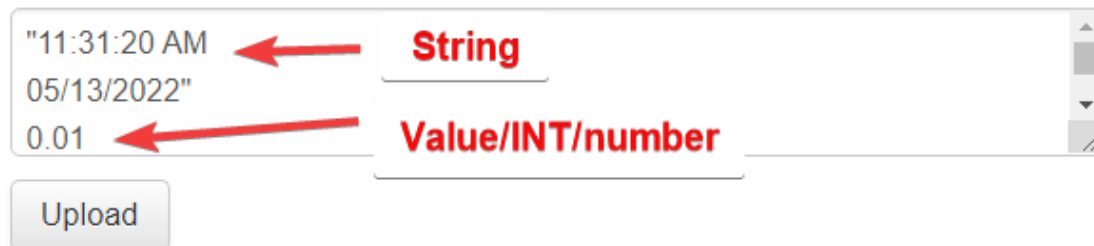
If we use this way then we create 1 cell with this formula and drag down to copy all the columns with the same formula. Two methods with 2 different ways of doing it.

From this formula or function it converts value into Text or string we can verify by paste into <https://www.tradervue.com/trades/import> a value is without quote" and string inside quote"

Option 2: paste data into browser

You can paste in data into the box below from your browser or elsewhere directly.

Data:



The screenshot shows a text input area containing three lines of data: "11:31:20 AM", "05/13/2022", and "0.01". A red arrow points from the text "String" to the first line. Another red arrow points from the text "Value/INT/number" to the third line. Below the input area is a button labeled "Upload".

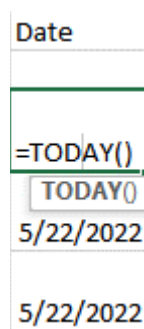
Under a new column Time we must name "Time" because how Tradervue knows we have a time if not, it will show 12:00:00 as default. The format should be as follows:

Date	Time
5/17/2022	11:31:20
5/17/2022	12:31:20
5/17/2022	13:31:20

Finally, we will have the new column Time and Date at last. Fidelity has Run date, Settlement date and Order time but Tradervue wants Date and Time so we need to change accordingly. We can choose Run date, Settlement date or today date

Tradervue only recognizes the date so to use Run date it needs to rename to Date

To use today date Date and formula Today(). So the user can tell Tradervue to print today date, Run date or Settlement date by providing correct date and Order time has been convert to 24 hrs format HH:MM:SS this is main goal for this project.



The screenshot shows a spreadsheet with a column header "Date". Below it, a cell contains the formula "=TODAY()". A dropdown menu is open, showing the text "TODAY()" and the date "5/22/2022". Below the dropdown, the date "5/22/2022" is displayed in the cell.

In Tradervue when upload you need to choose import Generic import format instead of tradition Fidelity without time stamp only date. But users want to have time and date so users have to follow this procedure otherwise users have to do by hand take too long.

Import from Broker

Please note: If possible, all data should be imported in chronological order, with the oldest data first.

Select your broker or trading platform:

Generic Import Format



Instructions See import instructions to right →

[Add tags to all trades in this import](#)

Local time zone:

(GMT-05:00) Eastern Time (US & Canada)



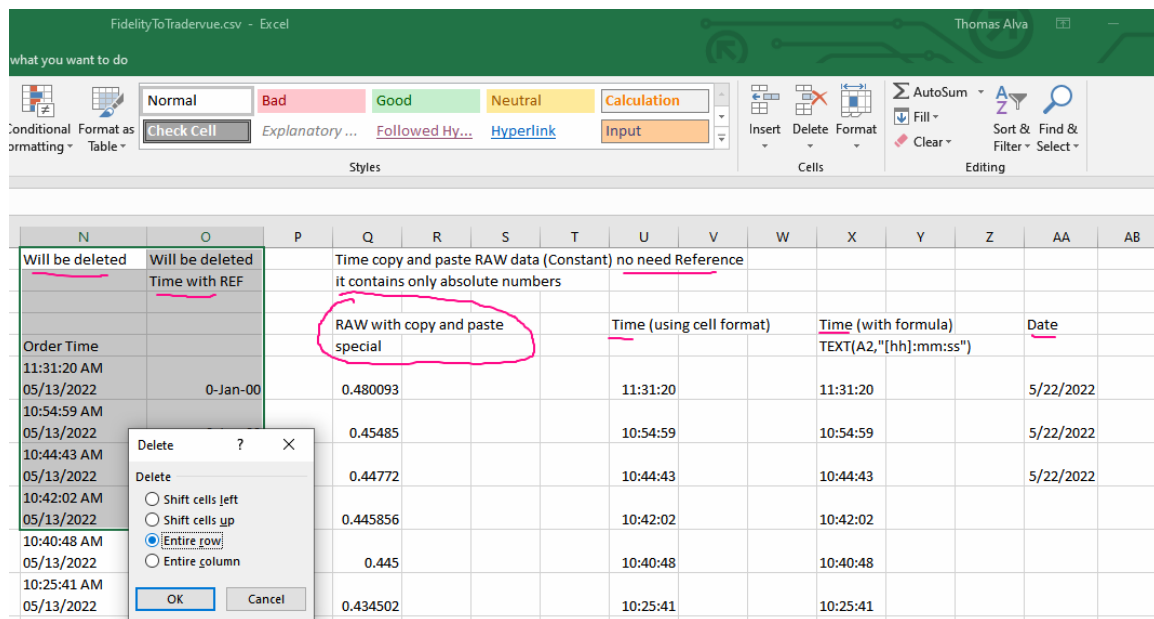
Option 1: import from a file

Choose File

No file chosen

Upload

Using format cell and formula `TEXT(A2,"[hh]:mm:ss")` give the same result as you can see now the spreadsheet.csv has a new column Time and Date



File save this csv file to something like FidelityToTradervue.csv.

NOTE:

I spent one Saturday from 7AM to 7PM and half day to figure out how to do in Active Trader Pro to output the timestamp and wrote the report. Totally 2 days in the weekend.

The export csv does not have all columns populate missing Quantity and price....Fidelity will not provide it until 9:30 AM when market open

An error occurred during the import:

A Price column is required, but was not found in the import data.

This error occurred on line 4 of the input data. [Get help](#).

when market open all columns will have per Tradervue required except timestamp is wrong that is why I was worked to make it work. Before market open

Symbol	Status	Order Tim	Order Typ	Trade Des	Account	TIF	Cancel Da	Quantity
SNMP	FILLED AT	07:23:35	Limit at \$C	Sell 100 Li	ROLLOVER	Day+	--	100
SNMP	FILLED AT	07:13:24	Limit at \$C	Buy 100 Li	ROLLOVER	Day+	--	100

more columns when market open this is what we want

Run Date	Action	Symbol	Security Descr	Security Type	Quantity	Price (\$)	Commissi	Fees (\$)	Accrued Ir	Amount (\$)	Settlement Date	Order Time
05/13/2022	YOU SOLD	VERU	VERU INC COM	Cash	-1	13.14		0.01		13.13	5/17/2022	11:31:20 AM
05/13/2022	YOU BOU	VERU	VERU INC COM	Cash	1	14.27				-14.27	5/17/2022	10:54:59 AM

after we add a correct time stamp with data and time columns

Run Date	Action	Symbol	Security D	Security T	Quantity	Price (\$)	Commissi	Fees (\$)	Accrued Ir	Amount (\$)	Settlement Date	Time	Date
05/13/2022	YOU SOLD	VERU	VERU INC	Cash	-1	13.14		0.01		13.13	5/17/2022	11:31:20	5/22/2022
05/13/2022	YOU BOU	VERU	VERU INC	Cash	1	14.27				-14.27	5/17/2022	10:54:59	5/22/2022

A few notes about this data format:

- **Date:** highly recommended; if this column is omitted, the import date will be used for each execution. If present, the date MUST be in one of the following formats: mm/dd/yyyy, mm-dd-yyyy, yyyy/mm/dd, yyyy-mm-dd, yyyyymmdd. Note that day-first formats are not supported.
- **Time:** highly recommended; if this column is omitted, 12:00:00 will be used as the execution time for each execution. This has a number of side effects - see [Importing without execution times](#). If present, the time MUST be in HH:MM:SS format as shown, in 24-hour time. The time zone can be selected when importing.
- **Symbol:** required. For futures, the symbol can be in any of the following formats: ESZ1, ESZ11, ES DEC 11, ES Dec11, ES 12-11, or ES 12.11. For forex, use symbols like EURUSD.
- **Quantity:** required.
- **Price:** required.
- **Side:** optional; if side is omitted, the quantity should be negative to indicate a sell. If present, needs to start with a "B" or an "S" for buy or sell; acceptable examples are BOT, SLD, Buy, Sell, Short, etc.
- Either commas or tabs are acceptable as delimiters.
- The header row as shown above is highly recommended, but is optional if the columns are in the exact order shown above. If your columns are in a different order, the header is required. Various synonyms for the column names are accepted.

THE RESULT:

The output result with date and time

MULN

May 13, 2022 08:20

Shares traded: 900

Closed P&L: \$-5.00

[Add Notes](#)

☐ Share trade

Tags:

[Add Tags](#)

Execution detail:

[Advanced >](#)

Date/time	Symbol	Qty	Price	Position
2022-05-13 08:20:06	MULN	100	\$1.070	100
2022-05-13 08:20:15	MULN	100	\$1.040	200
2022-05-13 08:22:17	MULN	-100	\$1.010	100
2022-05-13 08:24:15	MULN	100	\$1.060	200
2022-05-13 08:27:28	MULN	-100	\$1.070	100
2022-05-13 08:27:41	MULN	-100	\$1.110	0
2022-05-13 08:32:43	MULN	100	\$1.120	100
2022-05-13 08:36:37	MULN	-100	\$1.070	0
2022-05-13 09:05:18	MULN	50	\$1.120	50
2022-05-13 09:05:58	MULN	-50	\$1.080	0

Price Action

[Running P&L](#)

Chart size:

The input file csv from Fidelity active pro order reports for the 2022-05-13

Brokerage											
Run Date	Action	Symbol	Security D	Security T	Quantity	Price (\$)	Commissi	Fees (\$)	Accrued Ir	Amount (\$)	Settlement Date
05/13/2022	YOU SOLD	VERU	VERU INC	Cash	-1	13.14		0.01		13.13	5/17/2022
05/13/2022	YOU BOU	VERU	VERU INC	Cash	1	14.27				-14.27	5/17/2022
05/13/2022	YOU SOLD	VERU	VERU INC	Cash	-5	14.2		0.02		70.98	5/17/2022
05/13/2022	YOU BOU	VERU	VERU INC	Cash	5	14.97				-74.85	5/17/2022

This procedure will create Time and Date for Tradervue Date is today using function as

=Today()

Order time has been deleted after its data has been attracted for Time then it must delete because Order time has 12 hrs format has AM/PM will cause error when parse the csv file into Tradervue. Time format is 24 hrs HH:MM:SS will work with Tradervue.

Brokerage													
Run Date	Action	Symbol	Security D	Security T	Quantity	Price (\$)	Commissi	Fees (\$)	Accrued Ir	Amount (\$)	Settlement Date	Date	Time
05/13/2022	YOU SOLD	VERU	VERU INC	Cash	-1	13.14		0.01		13.13	5/17/2022	5/17/2022	11:31:20
05/13/2022	YOU BOU	VERU	VERU INC	Cash	1	14.27				-14.27	5/17/2022	5/17/2022	12:31:20
05/13/2022	YOU SOLD	VERU	VERU INC	Cash	-5	14.2		0.02		70.98	5/17/2022	5/17/2022	13:31:20
05/13/2022	YOU BOU	VERU	VERU INC	Cash	5	14.97				-74.85	5/17/2022	5/17/2022	14:31:20