

AlphaTraderUI Installation

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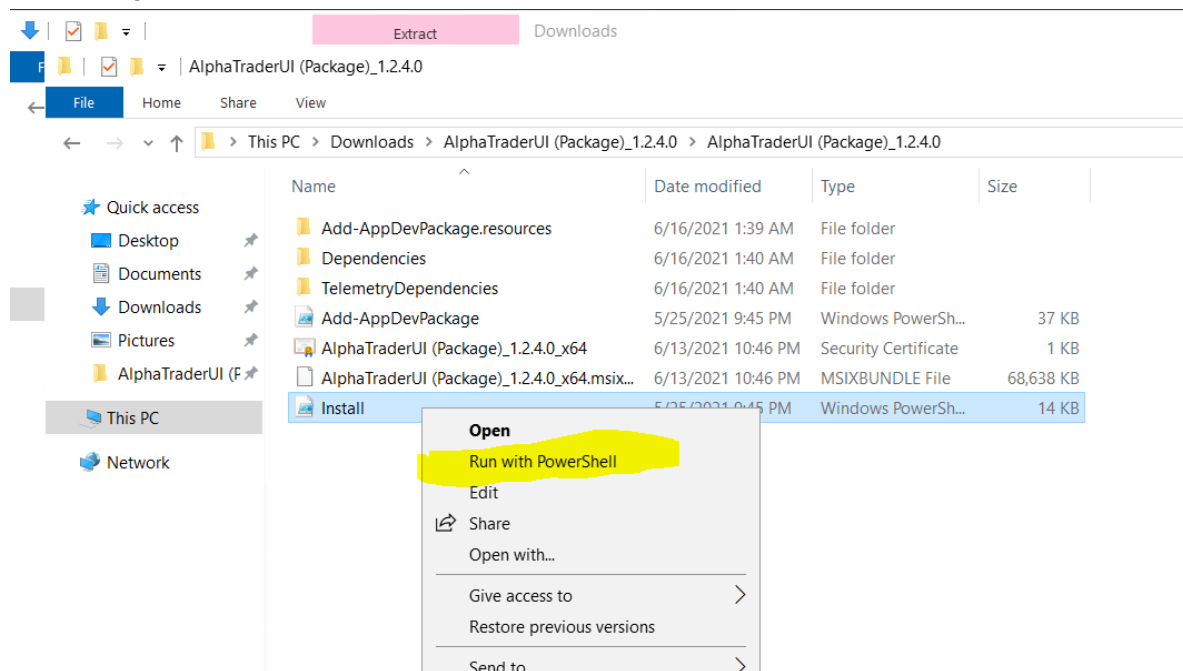
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AlphaTraderUI is a program intended to execute stock trading signals sent from AlphaHub.us. Use of this program is at user discretion.

v2.1.1.0

1. Download file [AlphaTraderUI Download Link](#)
2. Extract zip file (Right click on file, Extract All...)
3. Open extracted folder
4. Right click on Install and select Run with PowerShell



5. Execution Policy change -- Key in Y and press Enter
6. First time installs;
 - a. The script will prompt to enable developer mode in Windows. This allows applications to be sideloaded, bypassing the Windows Store. Select Developer Mode and then Yes at the next prompt.

For developers

Use developer features

These settings are intended for development use only.

[Learn more](#)

- ☐ Microsoft Store apps
Only install apps from the Microsoft Store.
- ☐ Sideload apps
Install apps from other sources that you trust, like your workplace.
- ☒ Developer mode
Install any signed and trusted app and use advanced development features.

- b. Close Windows Settings
- c. Install the Certificate -- Key Y and press Enter. This is only during the first install, updates will not prompt for this.

7. The installation will take place and at the end the app will be installed. Press Enter

```
Administrator: Windows PowerShell

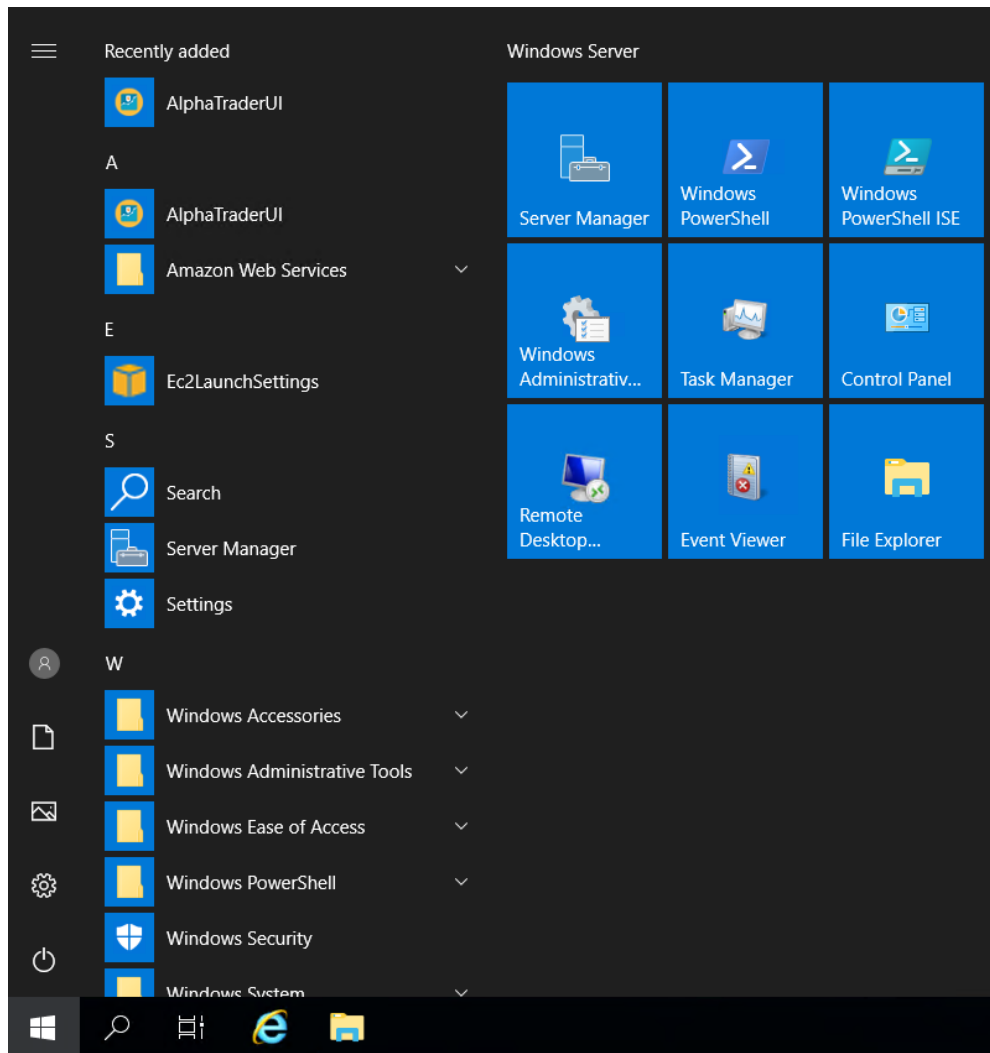
Execution Policy Change
The execution policy helps protect you from scripts that you do not trust. Changing the execution policy might expose
you to the security risks described in the about_Execution_Policies help topic at
https://go.microsoft.com/fwlink/?LinkID=135170. Do you want to change the execution policy?
[Y] Yes [A] Yes to All [N] No [L] No to All [S] Suspend [?] Help (default is "N"): y
Found bundle: C:\Users\Administrator\Downloads\AlphaTraderUI (Package)_1.2.4.0\AlphaTraderUI (Package)_1.2.4.0\Alph
erUI (Package)_1.2.4.0_x64.msixbundle
Found certificate: C:\Users\Administrator\Downloads\AlphaTraderUI (Package)_1.2.4.0\AlphaTraderUI (Package)_1.2.4.0\Alph
aTraderUI (Package)_1.2.4.0_x64.cer

Before installing this app, you need to do the following:
- Acquire a developer license
- Install the signing certificate
A developer license was successfully acquired.
The certificate was successfully installed.

Installing app...
Found dependency package(s):
C:\Users\Administrator\Downloads\AlphaTraderUI (Package)_1.2.4.0\AlphaTraderUI (Package)_1.2.4.0\Dependencies\x86\Micros
oft.ProjectReunion.0.5.appx
C:\Users\Administrator\Downloads\AlphaTraderUI (Package)_1.2.4.0\AlphaTraderUI (Package)_1.2.4.0\Dependencies\x86\Micros
oft.VCLibs.x86.14.00.appx
C:\Users\Administrator\Downloads\AlphaTraderUI (Package)_1.2.4.0\AlphaTraderUI (Package)_1.2.4.0\Dependencies\x86\Micros
oft.VCLibs.x86.14.00.Desktop.appx
C:\Users\Administrator\Downloads\AlphaTraderUI (Package)_1.2.4.0\AlphaTraderUI (Package)_1.2.4.0\Dependencies\x64\Micros
oft.ProjectReunion.0.5.appx
C:\Users\Administrator\Downloads\AlphaTraderUI (Package)_1.2.4.0\AlphaTraderUI (Package)_1.2.4.0\Dependencies\x64\Micros
oft.VCLibs.x64.14.00.appx
C:\Users\Administrator\Downloads\AlphaTraderUI (Package)_1.2.4.0\AlphaTraderUI (Package)_1.2.4.0\Dependencies\x64\Micros
oft.VCLibs.x64.14.00.Desktop.appx

Success: Your app was successfully installed.
Press Enter to continue...: 
```

8. A new windows app is installed called AlphaTraderUI



AlphaTraderUI Configuration Settings

Start Trader - Starts the trader, will turn into Stop Trader button


AlphaHub Settings - General AlphaHub settings

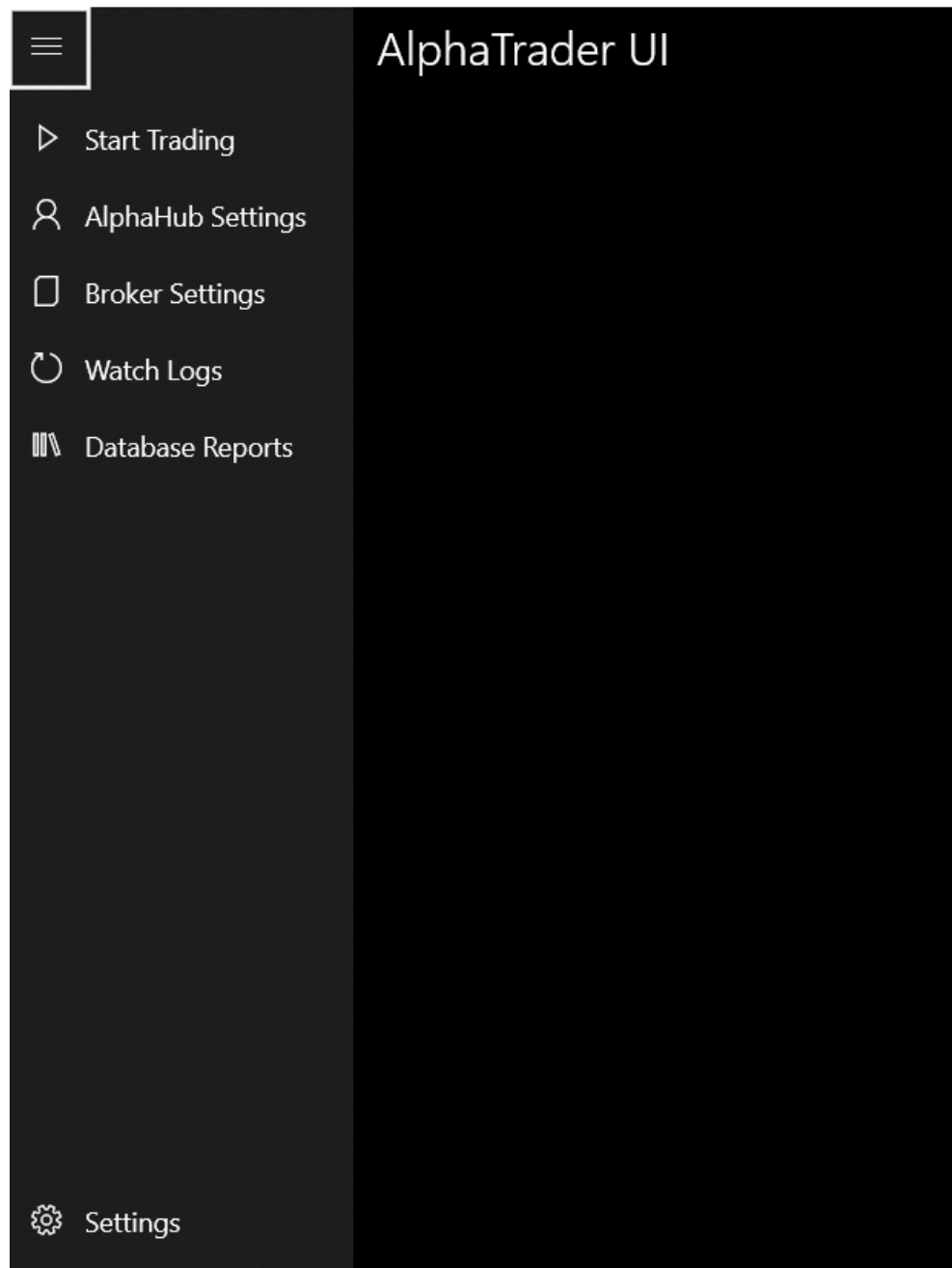
Broker Settings - Configure multiple broker configurations

Watch Logs - Displays information about downloading a program to watch the logs

Database Reports - Export trades with slippage or display trades on screen

Settings Button - Change the theme

 AlphaTraderUI



AlphaHub Settings

ALPHA_USERNAME -- Enter your AlphaHub Username

ALPHA_PASSWORD -- Enter your AlphaHub Password

SLIPPAGE_PERCENT -- Percent checked before executing a market OPEN order.

MONITOR_SLIPPED_ORDERS -- If an order is missed because of slippage, it will be monitored throughout the day to see if a market order could be placed later and remain under slippage %. Checks every 5 minutes.

CHECK_MISSING_TRADES -- Will query for missed signals. For example, issues with the web socket or if the trader was started later in the day. Checks every 5 minutes, normal limit first then market order under slippage apply.

Auto-Start Trading on Startup

This would be used if a server was being hosted on a specific start/stop routine and the AlphaTraderUI app was moved into the Windows Startup process. This setting does not require a user to press the Start button

LOG_PATH -- Path to write log files.

Example: C:\AlphaTraderUI_Logs\

Log files are written out by date Example: AlphaLog_20210503.txt

Save Configuration - Saves configuration to database

Broker Settings

NAME -- Unique broker name

ENABLED -- Use broker configuration for signals enabled, or not if disabled

SIGNALS -- Algorithms to subscribe. Multiple signals can have a , separating them

Minotaur1 = 14 | Optimus 1 = 17 | The Optimizer = 18 | Minotaur 3 = 16

Example: 14,17 This would subscribe to both Mino1/Opti1 at 50/50 trade amount

14,17,18 Heavier position in The Optimizer choice

BROKER -- Trading broker Values: ALPACA

TD Ameritrade

--ALPACA--

ACCOUNT TYPE -- Type of account

Values: PAPER

LIVE

ALPACA API KEY -- Live API key

ALPACA API SECRET -- Live Secret key

--TD Ameritrade--

TD App Consumer Key -- TDA Consumer Key

TD Refresh Token -- TDA Refresh Token

TD Account -- TDA Account (could be equity or IRA)

Refresh Token Expiration - Date of expiration. Nothing needs to be done but if you want you can refresh it here, it expires every 90 days. The trader with automatically refresh after 85 days.

TRADE_AMOUNT -- Amount to trade, total. This amount would be divided between signals.

No punctuation in price, no commas. ALL is valid, example below

Examples: 10000 entered and subscribed to 14,17. Each signal would get 5000

ALL -- 99% of current portfolio value. Used to reinvest profits.

MARGIN -- Amount of margin to use as a multiplier. **TRADE_AMOUNT must be ALL**

Example: 1.5 on an account of 10k would trade 15k

MARKET ORDER WAIT

CLOSE -- Time in seconds before canceling a limit order and placing a CLOSE market order

OPEN -- Time in seconds before canceling limit order and placing OPEN market order

Limit orders are monitored every 10 seconds to see if they have been filled. The timer is always running so orders placed will be turned into market orders within 10 seconds of the intended time

****ADAPTIVE TRADING IS EXPERIMENTAL****

Alpaca seems to work at this time. TD Ameritrade has an issue closing prior trades

If using Adaptive, use paper account or be available to monitor account positions

****ADAPTIVE TRADING IS EXPERIMENTAL****

USE ADAPTIVE TRADING

Split Chunks -- Total number of orders to send for buy/sell. Example, buying 90 shares with chunk size of 30 would be 3 shares per order. Remainders are added to the first sets of orders until the remainder is 0.

Long Wait -- Time to wait in seconds between orders if the stock is moving in a favorable direction

Short Wait -- Time to wait in seconds between orders if the stock is NOT moving in a favorable direction

SHORTING ALLOWED -- Does the broker allow shorting, or would you prefer not to short if the signals call for it

CLOSE BEFORE OPEN -- The close order will be placed and must be closed before the open order will be placed.

CLOSE EARLY -- Set a time to close the prior day's order ahead of the signal. The trader must have performed the trade for the prior day as the order is looked up in the database.

Previous / Next Broker -- Switch between the brokers saved within the database.

New Configuration - Create a new broker configuration

Save Configuration - Save the broker configuration

Delete Configuration - Delete the broker configuration(with confirm)

Database Reports

****Most of the search criteria work in the UI, the export does export, but only follows the date range and filled price. ****

START DATE -- Date to start looking at orders in the database

STOP DATE -- Date to stop looking at orders in the database

BROKER -- Choose 'All' or select individual brokers for the reports

SLIPPAGE != 0 -- Only report orders that have a slippage != 0

FILLED PRICE > 0 -- Only show orders that have filled

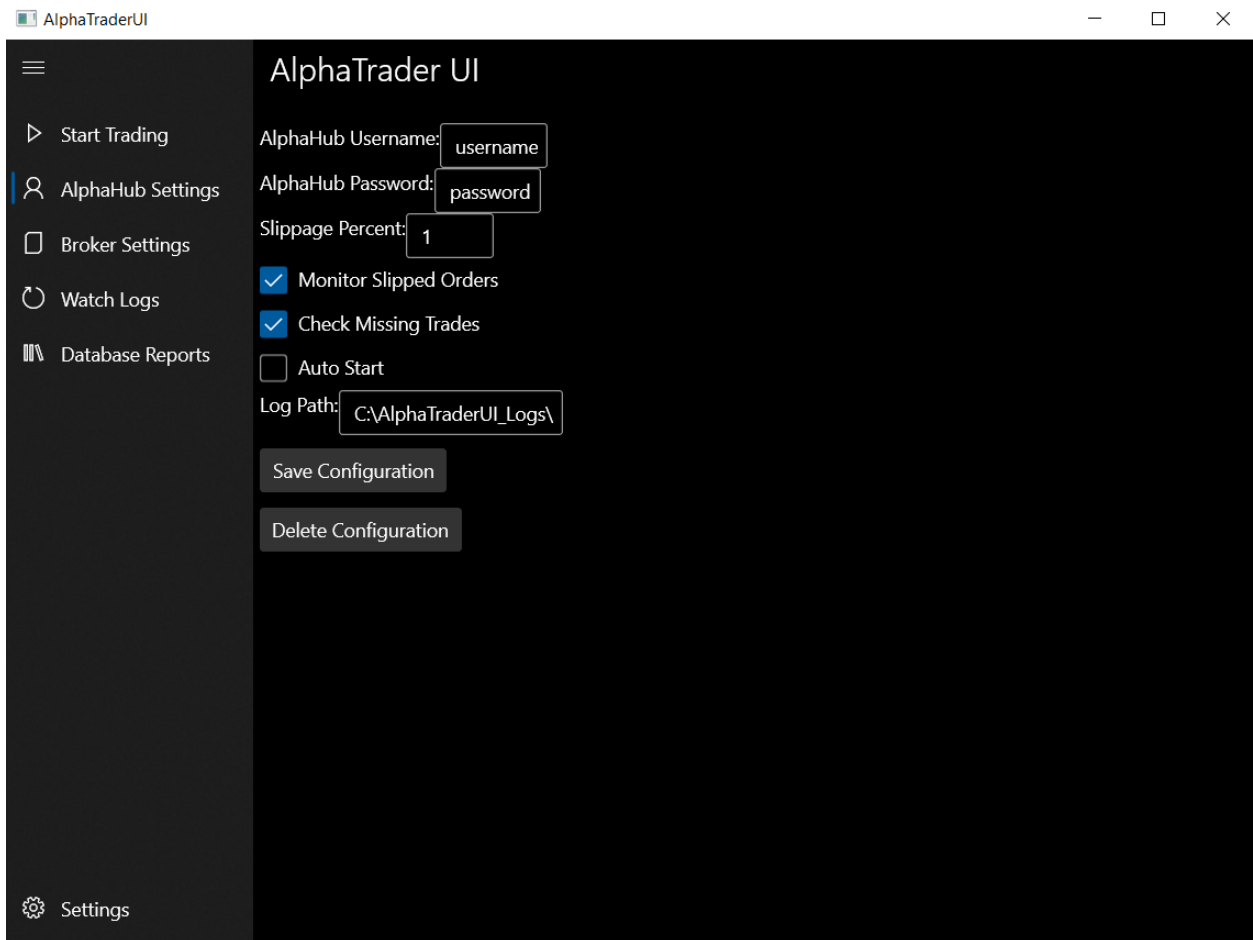
ALPHAHUB SIGNALS -- Choose 'All' or select individual algo signals

Update Slippage Report -- Display in the trader the results from the search criteria.

Export Slippage Report -- Choose a file to export the CSV file to based on the search criteria

BrokerName	Algold	Symbol	Price	FilledPrice	SlippedPercent	BuySell	OpenClose	CreatedAtUtc	Status	Completed
TDA_Main	14	NFLX	530.6	531.3399	0.13945	buy	Open	6/29/2021 10:30:41 AM	MarketOrder	✓
TDA_Main	17	SNPS	275.19	275.17	-0.00727	buy	Open	6/30/2021 9:40:35 AM	Filled	✓
TDA_Main	17	REGN	547.21	546.347	0.15771	sell	Close	6/30/2021 9:40:35 AM	MarketOrder	✓
TDA_Main	14	HSIC	73.94	73.99	0.06762	buy	Open	6/30/2021 10:30:42 AM	MarketOrder	✓
TDA_Main	14	NFLX	532.84	533.12	-0.05255	sell	Close	6/30/2021 10:30:43 AM	Filled	✓
TDA_Main	17	SNPS	275.43	275.6	-0.06172	sell	Close	7/1/2021 9:40:55 AM	Filled	✓
TDA_Main	14	HSIC	75.06	75.1001	-0.05342	sell	Close	7/1/2021 10:30:44 AM	Filled	✓
TDA_Main	14	LRCX	640.28	639.9924	-0.04492	buy	Open	7/1/2021 10:30:44 AM	Filled	✓
TDA_Main	17	WDAY	238.89	238.74857	0.05920	sell	Close	7/2/2021 9:44:22 AM	MarketOrder	✓
TDA_Main	17	REGN	572.77	574.0783	0.22842	buy	Open	7/2/2021 9:45:05 AM	Filled	✓
TDA_Main	14	LRCX	636.0	635.41	0.09277	sell	Close	7/2/2021 10:31:19 AM	Filled	✓
TDA_Main	14	WBA	47.7	47.74665	0.09780	buy	Open	7/2/2021 10:34:40 AM	Filled	✓
TDA_Main	17	REGN	572.93	573.82	-0.15534	sell	Close	7/6/2021 9:41:02 AM	Filled	✓
TDA_Main	17	TSI A	674.49	669.7521	-0.70244	buy	Open	7/6/2021 9:42:20 AM	Filled	✓

Screenshots





- Start Trading
- AlphaHub Settings
- Broker Settings**
- Watch Logs
- Database Reports

Settings

AlphaTrader UI

Name: ☐ EnabledSignals: Broker: Account Type: Alpaca API Key: Alpaca API Secret: Trade Amount: Margin: Market Order Wait Close Position: Open Position: ☒ Use Adaptive TradingSplit Chunks: Long Wait: Short Wait: ☐ Shorting Allowed ☐ Close Before Open☒ Close Early
Close Early Time

9	38	AM
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Previous Broker

Next Broker

Current: Total:

New Configuration

Save Configuration

Delete Configuration