TradeStation

ENTITY ACCOUNT APPLICATION PACKAGE

- Corporation
- Limited Liability Company
- Partnership (Limited or General)
- Trust
- Sole Proprietorship

ALL completed and signed pages must be returned.

This application package covers applications for equities (including equity options) and futures (including options on futures) accounts with TradeStation Securities, Inc.

Please note: The exchanges typically deem all individuals associated to corporations, partnerships and LLCs as **professional** for market data subscriptions

TradeStation

TradeStation Securities, Inc. Form CRS Relationship Summary

Introduction	TradeStation Securities, Inc. ("we", "our" or "us") is registered with the U.S. Securities and Exchange Commission (SEC) as a broker-dealer and is a member of the Financial Industry Regulatory Authority (FINRA) and the Securities Investor Protection Corporation (SIPC). Brokerage and investment advisory services and fees differ, and it is important for you to understand these differences. Free and simple tools are available to research firms and financial professionals at https://www.investor.gov/CRS, which also provides educational materials about broker-dealers, investment advisers and investing.
What investment services and advice can you provide me?	We provide brokerage services to retail and institutional traders and investors, including the buying and selling of equities, ETFs, options, mutual funds and fixed income ("Securities"). We don't offer any of our own Securities. We do not offer investment advice. We also offer the *TradeStation* Desktop Platform (the "Platform") through TradeStation Technologies, Inc., our affiliate. The Platform is a proprietary electronic trading platform that allows you to design, test and monitor your own custom trading and investment strategies, and then automate them with electronic order placement. You may also enter and monitor orders and perform some analytics via our mobile and web-based applications. We offer certain free real-time market data packages provided you qualify as a non-professional subscriber. Other market data packages and platform features are made available to non-professional and professional subscribers at extra cost, as described at: https://www.tradestation.com/pricing/market-data-pricing. TradeStation is an online broker for self-directed clients. We do not make recommendations regarding Securities, investment strategies or account types. We do not provide you with investment monitoring services, nor do we accept authorization from you to trade your account. You or an authorized party/delegate will make all decisions regarding the purchase or sale of Securities in your account, therefore it is your responsibility to understand the risks associated with your investment decisions. To learn more about the risks associated with trading, please visit: https://www.tradestation.com/important-information. For additional information about the services we provide, please visit: https://www.tradestation.com. **Conversation starters:** Ask your financial professional… • Given my financial situation, should I choose a brokerage service? Why or why not? • How will you choose investments to recommend to me? • What is your relevant experience, including your licenses, education, and other qualifications? What do these qualifications mean?
What fees will I pay?	**Commissions:** Commissions are transaction-based fees charged by brokers. We offer a variety of pricing plans. Depending on the pricing plan chosen, you may be charged more fees when you trade more. Access to, and use of, the Platform features and functions are provided to you at no additional cost on certain pricing plans. Information about all available plans, including other trade and account-related costs, can be viewed at: https://www.tradestation.com/pricing. **Interest:** Margin and day trading allow you to leverage assets to increase your buying power. Margin interest rates vary per the size of your debit balance. These rates may be adjusted at our discretion. For additional information on margin rates, please visit: https://www.tradestation.com/pricing/margin-rates. **Other:** Margin accounts may be subject to Short Debit Fees for the maintenance of short positions in securities. Short Debit Fees may increase or decrease from time to time in light of changing market conditions without notice. You may incur additional fees and costs related to brokerage services and investments including, but not limited to wire fees, account transfer fees, IRA account annual fees, inactivity fees and termination fees. For a full list of additional fees and costs that you may incur, please visit: https://www.tradestation.com/pricing/service-fees. If you custody or plan to transact in mutual funds with us, you should review the mutual fund prospectus for applicable fees, such as management fees and 12b-1 fees. If you utilize an introducing broker-dealer or investment adviser, the fee schedule may differ from the link posted above. Please contact your introducing broker-dealer or investment adviser for a list of fees. You will pay certain fees and costs regardless of whether you make or lose money in your account. Fees and costs will reduce any amount of money you make on your investments over time. We encourage you to learn about all of the fees and costs associated with your account and trading activity.

TradeStation Securities, Inc. Form CRS Relationship Summary

	Conversation starters: Ask your financial professional… • Help me understand how these fees and costs might affect my investments. If I give you $10,000 to invest, how much will go to fees and costs, and how much will be invested for me?
What are your legal obligations to me when providing recommendations? **How else does your firm make money and what conflicts of interest do you have?**	We do not make recommendations regarding Securities, investment strategies or account types. The way we make money may create a potential conflict with your interests. You should learn about and ask us about these conflicts, because they may affect the services we provide. Here are some examples to help explain some potential conflicts. a. We route certain equities and options orders to exchanges, electronic communication networks, and broker-dealers during normal business hours and during extended trading sessions. Some of these market centers may provide us with payment in exchange for us sending them your orders, and might also charge you access fees, depending upon the characteristics of the order and any subsequent execution. If you trade more frequently, the payments we receive from these venues may increase. The material aspects of our relationship with each such venue, including any payment for order flow arrangements, can be found in the SEC Rule 606 Report & Rule 607 Disclosure at: https://www.tradestation.com/important-information, and further details of these payments and fees are available to you upon written request. b. In addition, if you trade using margin, that means you are borrowing money from us to conduct your equities trading. The margin interest we charge you to borrow this money is revenue to us. The more you trade using margin, the more money we may earn. Please learn about the risks of margin trading at: https://www.tradestation.com/important-information. c. We receive a portion of the revenue generated from fully paid securities lent to other institutions if your account is enrolled in the program. You can learn about the risks of this program at: https://www.tradestation.com/important-information. d. We may also make money by sharing the costs of certain services with introducing broker-dealers for whom we provide clearing services. For additional information about potential conflicts of interest, please visit our Important Documents page: https://www.tradestation.com/important-information.
	Conversation starters: Ask your financial professional… • How might your conflicts of interest affect me, and how will you address them?
How do your financial professionals make money?	Some of our registered representatives may be paid a base salary and a monthly bonus based on certain metrics, such as the number of new customer accounts they open and the commissions generated by those accounts. Our registered representatives may also receive periodic bonuses based on a combination of job performance and our overall profitability as a company. Our registered representatives have an incentive to encourage you to try various TradeStation products and services which may result in you choosing to trade more frequently and/or to consider alternative asset classes.
Do you or your financial professionals have legal or disciplinary history?	Yes. You may visit: https://www.investor.gov/CRS or https://brokercheck.finra.org for free and simple tools to research us and our registered representatives.
	Conversation starters: Ask your financial professional… • As a financial professional, do you have any disciplinary history? For what type of conduct?
Additional Information	You can obtain additional information about us and request a copy of this relationship summary by visiting: https://www.tradestation.com/important-information or by calling one of our specialists at 800.808.9336.
	Conversation starters: Ask your financial professional… • Who is my primary contact person? Is he or she a representative of an investment adviser or a broker-dealer? • Who can I talk to if I have concerns about how this person is treating me?

Equities, equity options, and commodity futures products and services are offered by TradeStation Securities, Inc. (Member NYSE, FINRA, CME and SIPC).

TradeStation Securities, Inc. is an SEC-licensed broker dealer and a CFTC-licensed futures commission merchant (FCM), and a member of FINRA, SIPC, CME, NFA and several equities and futures exchanges, which offers to self-directed investors and traders Equities accounts for stocks, exchange-traded products (such as ETFs) and equity and index options, and Futures accounts for commodity and financial futures and futures options.

TradeStation Technologies, Inc. is a software development company which offers analytics subscriptions that self-directed investors and traders can use to chart, analyze and design back-tested strategies for Equities, Options, Futures, Forex and Crypto markets (TradeStation Technologies is not a financial services company).

TradeStation International Ltd acts as an introducer to TradeStation Group's affiliates and a non-affiliated broker. TradeStation International Ltd is authorized and regulated by the Financial Conduct Authority (FCA) in the United Kingdom (registration number 445531).

TradeStation Europe B.V. offers securities, options, and futures trading to customers residing in Europe. TradeStation Europe B.V. is registered with the Dutch Chamber of Commerce (no. 89426657) and regulated by the Dutch Authority for the Financial Markets in the Netherlands. TradeStation Europe has entered into a clearing agreement with TradeStation Securities, pursuant to which TradeStation Securities provides clearing and execution services for TradeStation Europe. TradeStation Securities custodies certain client assets on behalf of TradeStation Europe. TradeStation Europe custodies its clients' funds with the foundation Stichting TradeStation Europe.

TradeStation account services, subscriptions and products are designed for speculative or active investors and traders, or those who are interested in becoming one. No offer or solicitation to buy or sell securities, securities derivative or futures products of any kind, or any type of trading or investment advice, recommendation or strategy, is made, given or in any manner endorsed by any TradeStation Group company, and the information made available on or in any TradeStation Group company website or other publication or communication is not an offer or solicitation of any kind in any jurisdiction where such TradeStation Group company or affiliate is not authorized to do business. Past performance, whether actual or indicated by historical tests of strategies, is no guarantee of future performance or success. There is a possibility that you may sustain a loss equal to or greater than your entire investment regardless of which asset class you trade (equities, options, futures or futures options); therefore, you should not invest or risk money that you cannot afford to lose. System access and trade placement and execution may be delayed or fail due to market volatility and volume, quote delays, system, platform and software errors or attacks, internet traffic, outages and other factors. The trademark "TradeStation®," as well as other trademarks, domain names and other proprietary intellectual property of TradeStation Group companies, are owned by TradeStation Technologies.

Please read carefully the agreements, disclosures, disclaimers and assumptions of risk presented to you separately by the applicable TradeStation entity on the TradeStation Group company site and/or the separate sites, portals and account or subscription application or sign-up processes of each of these TradeStation Group companies. They contain important information, rights and obligations, as well as important disclaimers and limitations of liability, and assumptions of risk, by you that will apply when you do business with these companies.

TradeStation®

Welcome.

How to Open Your TradeStation Account

Please complete this application in its entirety by typing your answers and information in the appropriate fields. **Please list your name exactly as it appears on your government issued photo identification.** Once completed, simply print and sign the application before sending it to us. You will need the latest version of the free Adobe Acrobat reader (https://get.adobe.com/reader/) to use the interactive features on this form. Alternatively, you can print then complete the entire form using blue or black ink. Please do not use white-out.

To ensure that your account application is complete and may be processed as soon as reasonably possible, ***please make sure you've completed all applicable documents and that you return this entire package, including the pages on which you are not required to sign or provide information.***

Visit our website to view the funding instructions.

Please return your completed application and additional documentation to TradeStation via email or regular mail:

1) **Email: newaccountservices@tradestation.com**
2) **Post to the following address:**
   TradeStation New Accounts
   8050 SW 10th Street, Suite 2000
   Plantation, FL 33324, USA

REQUIRED FORMS

- ☐ **Account Application and Agreements, Disclosures, Disclaimers and Assumption of Risks**
  For all accounts.
- ☐ **Certificate of Corporate Secretary**
  If opening an account for a corporation
- ☐ **Certificate of Managing Member, Manager or Officer of LLC**
  If opening an account for a limited liability company
- ☐ **Certificate of Trustees**
  If opening an account for a trust
- ☐ **Certificate of General Partner**
  If opening an account for a partnership
- ☐ **Sole Proprietorship Certification**
  If opening an account in the name of a sole proprietorship

IDENTITY VERIFICATION

Please include the following identification documentation with your application package:

- ☐ **U.S. Entity**
  - EIN Verification such as an IRS SS-4 Letter
- ☐ **U.S. Resident**
  Copy of valid government issued photo identification
- ☐ **Non-U.S. Resident**
  - Copy of valid government issued photo identification
  - Address Verification Document
    A document such as a recent bank or brokerage statement or utility bill dated within the last 90 days.

Required Supporting Documentation for Your Organization

Please provide the following documentation as applicable to your organization along with your account application forms. If the organization is owned or controlled by another entity, please provide the same documentation for the additional layered entities.

All copies must include signatures where signatures are required.

Organizations residing outside of the U.S. must provide all equivalent documentation as applicable to their respective country.

Corporation	• Certified Articles or Certificate of Incorporation • Corporate resolutions with current officers and directors • Corporate Bylaws • Shareholder Register
Partnership	• Certified Certificate of Partnership • Partnership Agreement
Limited Liability Company *Companies registered in the US only*	• Certified Articles of Organization • Operating Agreement
Trust	• First and last page of trust agreement and any amendments. Must include all grantors, trustees and signature pages. • Certification of Trust
Sole Proprietorship	• State or county registration for sole proprietorship

All Investment Funds, Hedge Funds and Mutual Funds will need to provide copies of the funds offering documentation such as subscription agreement, private placement memorandums and/or prospectus, in addition to the documentation requested above, as applicable to your organizational structure.

Please note, additional documentation may be requested.

REQUIRED

Please complete all information carefully. You are representing to TradeStation that all information you provide is true, complete and accurate. Information provided under "Trading Experience" means of the Primary Authorized Representative.

To expedite your account opening process, if you have been working with a Representative, please enter that person's name below:

Representative's Name:.....**Promotional Code:** .....

Please select the account type you would like to open within the next 90 days:

☐ **Equities**	Includes equity options, if selected below and approved for options trading.
☐ **Futures**	Includes options on futures, if selected below.

For Futures accounts only

What type of futures trading will you be doing with this account?

If you do not make a selection below, your futures account will be coded for Futures Only, which means that you do not intend to trade options on futures but intend to trade only futures using the TradeStation Platform.

☐ **Futures Only**
(Trading through the TradeStation platform)

☐ **Futures Options**
(Trading through the TradeStation FuturesPlus platform)

For Equities accounts only

Would you like the ability to trade options with this account?

◯ **Yes** ◯ **No**

If yes, please provide the following additional information.

Please check one or more of the following option strategies and trading objectives you may wish to employ:

☐ 1. Covered Call Writing, Protective puts – Income
☐ 2. Long Puts/Calls, Collars, Covered Puts, Long Straddles/Strangles – Income and Growth
☐ 3. Put/Call Spreads – Income and Growth
☐ 4. Uncovered Put Writing – Income, Growth, and Speculation
☐ 5. Uncovered Call Writing – Income, Growth, and Speculation

Cash accounts are eligible for covered calls, protective/covered puts, buying calls/puts, and European index spreads.
Margin accounts are eligible for all cash objectives, options spreads, short straddles/strangles, and uncovered calls/puts.

Options trading is not suitable for all investors. If you would like the ability to trade options through a TradeStation account, you should first read the disclosure document titled Characteristics and Risks of Standardized Options.

FOR INTERNAL USE ONLY (APPROVAL OF EQUITY OPTIONS TRADING)

Date approved	ROP Signature	Approved option levels: ☐1 ☐2 ☐3 ☐4 ☐5
CID#	Account #	

REQUIRED

Entity Account Information

Full Title of Account (Legal Name of Entity; If a sole proprietorship, enter individual's legal name d/b/a – Example: John Smith d/b/a XYZ Company, Inc.)			
State/Country of Registration	Date of Formation		
U.S. Tax I.D. # or other government identification # *Note to foreign residents: a W-8BEN-E is required for entities at account funding (or W-8BEN for sole proprietorships).*			
If this is a U.S. corporation, please specify: ◯ C Corporation ◯ S Corporation			
Legal Entity Identifier (LEI), if applicable *Note to E.U entities: An LEI is required at account opening.*			
Principal Business Address (no P.O. boxes)			
City	State/Province	Zip	Country
Mailing Address / P.O. Box ☐ Check here if same as Principal Business Address			
City	State/Province	Zip	Country
Does the entity have a website? ◯ No ◯ Yes	If yes, please provide the website address.		
☐ I do not wish to receive marketing communications (E.U. and UK residents only).			

Financial Information

Annual Net Income in USD:

- ☐ If under $50,000 specify _____
- ☐ $50,000-$99,999
- ☐ $100,000-$249,999
- ☐ $250,000-$999,999
- ☐ Over $1 million

Total Net Assets in USD:
This includes all assets, minus all obligations, debts and liabilities.

- ☐ **If under $75,000 specify** _____
- ☐ $75,000-$99,999
- ☐ $100,000-$199,999
- ☐ $200,000-$499,999
- ☐ $500,000-$999,999
- ☐ $1,000,000-$4,999,999
- ☐ $5,000,000-$49,999,999
- ☐ Over $50 million

Liquid Net Assets in USD:
This includes cash and marketable securities, minus all obligations, debts and liabilities.

- ☐ **If under $75,000 specify** _____
- ☐ $75,000-$99,999
- ☐ $100,000-$199,999
- ☐ $200,000-$499,999
- ☐ $500,000-$999,999
- ☐ $1,000,000-$4,999,999
- ☐ $5,000,000-$49,999,999
- ☐ Over $50 million

Entity E-mail Address (if applicable):	Entity Phone Number (if applicable):

Provide a list of all beneficial owners or investors, direct or indirect, with 10% or more equity interest of the entity:

NAME	OWNERSHIP %
.....	.....
.....	.....
.....	.....
.....	.....
.....	.....
	Total 100%

Beneficial owner = Each individual, if any, who owns, directly or indirectly, 10% or more of the equity interests (e.g, shares) of the entity. An individual is an indirect beneficial owner if their ownership interest is held through another entity. Beneficial owners with 10% or more interest must complete "Associated Person" information.

REQUIRED

Entity Account Information (Continued)

Industry in which the entity operates

Specific Line of Business within Stated Industry

Is the entity a financial services company, or subsidiary or affiliate of a financial services company or an advisory firm? ◯ Yes ◯ No

If yes, please indicate what type of financial services company:

- ☐ Securities Broker or Dealer
- ☐ Bank
- ☐ Savings and Loans Association
- ☐ Insurance Company
- ☐ Financial Technology Firm
- ☐ Financial Education Firm
- ☐ Proprietary Trading Firm
- ☐ Futures Commodity Trading Advisor
- ☐ Futures Commodity Pool
- ☐ Futures Introducing Broker
- ☐ Futures Commission Merchant (FCM)
- ☐ Digital Asset Firm
- ☐ Investment Advisor
- ☐ Unit Investment Trust (UIT)
- ☐ Real Estate Investment Trust (REIT)
- ☐ Exchange-Traded Fund (ETF)
- ☐ Hedge Fund {or custodian/ manager of hedge fund assets}
- ☐ Family Office
- ☐ Private Investment Fund
- ☐ Mutual Fund
- ☐ Closed End Fund

☐ Other (specify): _____

If yes, must complete EDD: https://uploads.tradestation.com/uploads/Enhanced-Due-Diligence-AML-Questionnaire.pdf

Does the entity have or solicit U.S. investors? ◯ Yes ◯ No

For futures accounts only, please provide the NFA ID# for your Commodity Pool Registration or Exemption filing. NFA ID#: _____

Source of Funds in Account (Check all that apply):

Please provide the source of assets that will be deposited or held in the account. If the source is a transfer from another firm, please indicate the source of funds that were used to purchase the assets.

- ☐ Salary, wages, savings*
- ☐ Sales of property/assets
- ☐ Working capital
- ☐ Family, relatives, inheritance*
- ☐ Investment capital
- ☐ Business revenue

☐ Other (specify): _____

**For sole proprietorships or closely-held entities funded by these means.*

Purpose of Account (Check all that apply):

- ☐ Investing of retirement funds
- ☐ Investing for tax benefits
- ☐ Generation of Income
- ☐ Investing of pooled assets
- ☐ Investing of business revenue
- ☐ Investing for estate planning purposes
- ☐ Hedging

Other (specify): _____

In the space provided, please explain how your entity generates revenue:

REQUIRED

Primary Authorized Representative Information / Associated Person #1

Legal Name of Primary Authorized Representative (officer, general partner, member or trustee)			Title at Organization/Trust
Social Security #	Date of Birth		Citizenship
ID #	ID Type	Country/State of Issue:	
Home Address			
City	State/Province	Zip	Country
Home Phone Number		Business Phone Number	
Mobile Phone Number			
E-mail Address			
Annual Income $		Net Worth (Excluding Residence) $	

Employment Status ☐ Employed ☐ Retired ☐ Student ☐ Unemployed ☐ Self-Employed ☐ Homemaker		Type of Business/Industry
Name of Employer	Title	Employer's Address

Source of income

☐ Salary ☐ Gift ☐ Inheritance ☐ Insurance proceeds ☐ Legal settlement ☐ Savings/Investments/Real Estate

☐ Other (specify): _____

Are you or your spouse employed by or associated with an NYSE, FINRA and/or NFA registered brokerage firm or an exchange?

◯ No ◯ Yes *If yes, please provide an authorization letter from the member firm with whom you or your spouse are associated. Letter should be on corporate letterhead and signed by a Principal or Compliance officer of the firm. If duplicate confirms and statement are required, an e-mail address must be provided on letter.*

Are you a director, 10% shareholder or policy-making officer of a publicly-owned company?

◯ No ◯ Yes If Yes, please list trading symbol(s): _____

If this is a Trust Account, is the Grantor the same person as the Trustee who is the Primary Authorized Representative? ◯ Yes ◯ No

If no, please complete the information requested on the Associated Person form in that application form for the Grantor(s).

All associated persons must provide valid government photo ID. Non-US residents must also include an address verification document.

Trading Experience

EQUITIES

No. of years trading
- ☐ None
- ☐ **If under 1, specify months** _____
- ☐ 1-5
- ☐ Over 5

OPTIONS

No. of years trading
- ☐ None
- ☐ **If under 1, specify months** _____
- ☐ 1-5
- ☐ Over 5

FUTURES

No. of years trading
- ☐ None
- ☐ **If under 1, specify months** _____
- ☐ 1-5
- ☐ Over 5

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Associated Person

Corporate / Partnership / Trust
LLC / Sole Proprietorship

Please complete Associated Person's Information for all individual(s) who will have power or authority to directly or indirectly control the account (e.g. trustee, general partner, corporate officer, LLC manager or managing member) and for all beneficial owners with 10% or more ownership (e.g. shareholders of a corporation, members of an LLC, limited partners of a partnership).

Associated Person #2

Legal Name of Associated Person (officer, general partner, member, trustee, or beneficial owner)				Title at Organization/Trust
ID #	ID Type	Country/State of Issue		
Home Address				
City	State (U.S.)	Zip	Country	Province
Primary Phone	Home Phone			E-mail Address
Citizenship	U.S. Social Security #			Date of Birth
Annual Income $			Net Worth (excluding residence) $	
Employment status ☐ Employed ☐ Self-Employed ☐ Unemployed ☐ Retired ☐ Student ☐ Homemaker			Type of Business/Industry	
Name of Employer		Title		Employer's Address

Source of Income

☐ Salary ☐ Gift ☐ Inheritance ☐ Insurance proceeds ☐ Legal settlement ☐ Savings/Investments/Real Estate

☐ Other (specify): _____

Are you a director, 10% shareholder or policy-making officer of a publicly-owned company?
No Yes If Yes, please list trading symbol:

Are you or your spouse employed by or associated with an NYSE, FINRA and/or NFA registered brokerage firm or an exchange?
No Yes *If yes, please provide an authorization letter from the member firm with whom you or your spouse are associated. Letter should be on corporate letterhead and signed by a Principal or Compliance officer of the firm. If duplicate confirms and statement are required, an e-mail address must be provided on letter.*

All associated persons must provide valid government photo ID. Non-US residents must also include an address verification document.

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Associated Person

Corporate / Partnership / Trust
LLC / Sole Proprietorship

Please complete Associated Person's Information for all individual(s) who will have power or authority to directly or indirectly control the account (e.g. trustee, general partner, corporate officer, LLC manager or managing member) and for all beneficial owners with 10% or more ownership (e.g. shareholders of a corporation, members of an LLC, limited partners of a partnership).

Associated Person #3

Legal Name of Associated Person (officer, general partner, member, trustee, or beneficial owner)				Title at Organization/Trust
ID #	ID Type	Country/State of Issue		
Home Address				
City	State (U.S.)	Zip	Country	Province
Home Phone	Business Phone			E-mail Address
Citizenship	U.S. Social Security #			Date of Birth
Annual Income $		Net Worth (excluding residence) $		
Employment status ☐ Employed ☐ Self-Employed ☐ Unemployed ☐ Retired ☐ Student ☐ Homemaker		Type of Business/Industry		
Name of Employer	Title			Employer's Address

Source of Income

☐ Salary ☐ Gift ☐ Inheritance ☐ Insurance proceeds ☐ Legal settlement ☐ Savings/Investments/Real Estate

☐ Other (specify): _____

Are you a director, 10% shareholder or policy-making officer of a publicly-owned company?
◯ No ◯ Yes If Yes, please list trading symbol:

Are you or your spouse employed by or associated with an NYSE, FINRA and/or NFA registered brokerage firm or an exchange?
◯ No ◯ Yes

If yes, please provide an authorization letter from the member firm with whom you or your spouse are associated. Letter should be on corporate letterhead and signed by a Principal or Compliance officer of the firm. If duplicate confirms and statement are required, an e-mail address must be provided on letter.

All associated persons must provide valid government photo ID. Non-US residents must also include an address verification document.

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Trusted Contact Person

This applies to account number _____ and any and all other accounts that I may have or later open with TradeStation.
(complete this field if you have an existing brokerage account)

TradeStation has asked, or you have requested, that you designate a trusted contact person age 18 or older. TradeStation is hereby authorized and permitted by you to contact your trusted contact person and disclose information about your account as described below. Please let us know if you have any questions about this form. This request and form applies to all of your TradeStation accounts.

You hereby designate the person identified below as your trusted contact person. You understand that by providing contact information for a trusted contact person, age 18 or older, you are authorizing TradeStation to contact the aforementioned trusted contact person and disclose information about your account in order to address possible financial exploitation, to confirm the specifics of your current contact information, health status or the identity of any legal guardian, executor, trustee or holder of a power of attorney, or as otherwise permitted by FINRA Rule 2165 or any other applicable equivalent or similar rules of any applicable agency or regulatory organization.

You understand that (1) TradeStation **is not required to contact your trusted contact person**; and **(2) the completion of this form is optional and you may withdraw it at any time by notifying TradeStation in writing (use TradeStation address shown on account statement).** If you would like to change your trusted contact person, you may do so by giving TradeStation a newly-signed Trusted Contact Person form with the box checked below to indicate that the new form supersedes the previous form.

CONTACT PERSON INFORMATION

Name of Trusted Contact Person (First, Middle, and Last)		Relationship (e.g. spouse, child, holder of my power of attorney, lawyer, accountant, etc.)
Home Address		
City	State (U.S.)	Zip
Country		Province
Primary Phone Number		E-mail Address

☐ Check here if this contact authorization supersedes previous contact authorizations.

Signature

Signature of Client	SIGN HERE
Print Name	
Date	

Equities, equity options, and commodity futures products and services are offered by TradeStation Securities, Inc. (Member NYSE, FINRA, CME and SIPC). TradeStation International Ltd is an introducing broker authorized and regulated by the Financial Conduct Authority in the UK.

REQUIRED

Please carefully review all of the content in this package, including all of the information below and in each of the required agreements and other documents listed below (which each can be opened and read from the links below and are all easily accessible at www.tradestation.com through the link "Agreements & Disclosures"). ***PLEASE READ ALL AGREEMENTS AND DOCUMENTS CAREFULLY, including the ones listed below and on the website, which are legally binding on you to the same extent as if set forth fully in this package***. Once you have reviewed and agreed with each document, but not before, you should sign below where indicated. We strongly recommend that you print a copy of each agreement and document for your records, ***as your acknowledgment and acceptance of these agreements and other documents are legally binding on you and create estoppel and affirmative defenses against you, and you agree that they do so no differently than if each one was individually signed by you in ink and delivered to TradeStation in person.***

You understand and agree that the respective customer account agreements which will apply to, and govern, your account relationships with TradeStation companies are as follows: (1) for an **Equities** account (including for equity/index options trading), solely the **TradeStation Securities, Inc. Customer Account Agreement for Equities,** together with the **Master Securities Lending Agreement,** and (2) for a **Futures** and/or **Futures Options** account, solely the **TradeStation Securities, Inc. Account Agreement for Futures.** Also, there are supplemental agreements, disclosures and other documents which will apply to one or more your accounts (as set forth below) which you must agree to, accept and acknowledge. Depending on which accounts you are applying for, the following apply and govern:

TradeStation Securities, Inc. Accounts – Equities & Options (Agreements, Disclosures, Disclaimers and Assumption of Risk):

- TradeStation Securities, Inc. Customer Account Agreement for Equities
- Master Securities Lending Agreement
- TradeStation Technologies, Inc. Subscription Agreement
- User Agreement (Websites, Electronic Services, Social Media and Education)
- Investment and Trading Disclosures Booklet – Equities & Options

TradeStation Securities, Inc. Accounts – Futures & Futures Options (Agreements, Disclosures, Disclaimers and Assumption of Risk):

- TradeStation Securities, Inc. Customer Account Agreement for Futures
- TradeStation Technologies, Inc. Subscription Agreement
- User Agreement (Websites, Electronic Services, Social Media and Education)
- Investment and Trading Disclosures Booklet – Futures & Options on Futures
- Firm Specific Disclosure Statement - CFTC Rule 1.55

Residents of United Kingdom Only

- Terms of Business of TradeStation International Ltd

The TradeStation Technologies, Inc. Subscription Agreement is a separate license agreement governing your use of TradeStation and third-party software and market data/content for Equities and Futures accounts, and the User Agreement (Websites, Electronic Services, Social Media and Education) applies to your use of those products and services offered by any of the TradeStation companies. We also direct you to review our Privacy Notice on the TradeStation website.

Please be aware that you acknowledge and agree that even if you are not applying to open a particular kind of account in this application, but already have such type of account (for example, you already have a Futures or Equities account, and are not applying for one in this application), the applicable agreements and documents listed above which pertain to those accounts will now apply to all of your existing accounts (for example, all of the agreements and documents listed above for Equities accounts, in their current form, now apply to all of your existing Equities accounts, and all of the agreements and documents above listed for Futures accounts now apply, in their current form, to all of your existing Futures accounts). You agree, intending to be legally bound, that any future action you take in any of such existing accounts constitutes irrevocable and unconditional acceptance by you of the current form of each of such agreements and documents (as same my later be amended or modified).

This account application, together with all of the applicable agreements, acknowledgments, representations, warranties, notices, disclaimers and assumptions of risk contained in this application and any of such documents, including those listed above on this page (collectively, the "Agreement"), may from time to time be modified or amended, in whole or in part, by any reasonable method of notice to you, including posting on a TradeStation website, platform application you use, or other electronic communication, and you agree that any transaction or activity you initiate in any of your accounts after such modification or amendment constitutes your unconditional acceptance of any such modification or amendment.

You represent and affirm that (1) you understand you will be categorized, billed and required to pay as a "professional" subscriber for market data fees, (2) you have the financial ability to withstand a total loss of all funds and other assets you deposit or maintain in any of your accounts, (3) all funds or assets deposited or later deposited in any of your accounts are and will be your own funds or assets, and have not been and will not be solicited or sourced from any third party (unless you have clearly disclosed in this application that you manage investments of others), and any withdrawals you make from any of your accounts will be transferred solely to an account in your name, under your control, and which only you own, and (4) no third party has or will have any direct or indirect ownership or other beneficial or financial interest in those funds or assets, or any asset or other property purchased with or through the use of such funds or assets, or in any of your accounts, in any manner (except only as you have clearly disclosed in this application).

REQUIRED

By signing below, you acknowledge our Privacy Notice and agree to receive marketing offers from TradeStation Group, Inc. and its affiliates in the form of emails, phone calls, pre-recorded messages, text messages, and autodialed calls at the email address(es) and phone number(s) provided, even if any phone number is present on a state or national Do Not Call list. You are not required to provide this consent as a condition of doing business with us and you can withdraw consent at any time. Data rates may apply.

U.S. citizens and U.S. residents only — Tax Withholding Certification. Under penalty of perjury, you certify that: (1) the number provided by you in this account application is your correct taxpayer identification number; (2) you are not subject to backup withholding because (a) you are exempt from backup withholding, or (b) you have not been notified by the Internal Revenue Service (IRS) that you are subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified you that you are no longer subject to backup withholding; (3) you are a U.S. person (which includes being a U.S. resident alien); and (4) the FATCA code(s) entered in this account application (if any) indicating that you are exempt from FATCA reporting is correct. You understand that if you are not a U.S. person, or have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return, you may not sign below and you must contact us to complete your application so that we can apply any required backup withholding. **Note: The IRS does not require your consent to any provision of this document other than the certification required to avoid backup withholding. If this is a joint account, each joint account owner is separately making the certification.**

Note: If you are not a U.S. person, you will likely be required to complete and submit applicable Form W-8. You further represent and confirm that no TradeStation company solicited you to apply for, open or establish any kind of account with any TradeStation company.

AGREEMENT TO ARBITRATION OF DISPUTES RELATING TO EQUITIES ACCOUNTS: If you are applying for an **Equities (Equities & Options)** account, you acknowledge and affirm that you have read and agree to the **pre-dispute arbitration provisions** set forth in **section 38 of the TradeStation Securities, Inc. Customer Account Agreement for Equities**,

ELECTION OF ARBITRATION FOR DISPUTES RELATING TO FUTURES ACCOUNTS: If you are applying for a **Futures or Futures Options** account, you acknowledge and affirm that you have read the **pre-dispute arbitration provisions** set forth in **section 38 of the TradeStation Securities, Inc. Account Agreement for Futures**, and that you are making the following election **(please type your initials - must choose one)**:

☐ I (We) Accept the Arbitration Provision ☐ I (We) Do Not Accept the Arbitration Provision

You confirm and affirm that all information, representations, warranties, affirmations, acknowledgements and agreements that you have provided or made in this application are voluntarily and knowingly given and made, are true, complete and accurate, and not misleading in any respect, *and you will promptly notify us in writing if any of the information or any representation you have provided materially changes or ceases to be true, complete and accurate*.

By signing below, you hereby execute and deliver the Agreement, intending to be legally bound by it.

Authorized Signature SIGN HERE	**Date**
Print Authorized Signor's Name and Title (If sole proprietorship, simply state "owner.")	
Authorized Signature SIGN HERE	**Date**
Print Authorized Signor's Name and Title	

PLEASE BE SURE TO INCLUDE A COPY OF YOUR ORGANIZATION'S ARTICLES OR CERTIFICATE OF INCORPORATION

I, _____, being a duly authorized representative of _____, a corporation duly organized and validly existing under the laws of _____, and having a principal place of business at _____ (the "Corporation"), hereby certify that the following Resolutions were duly adopted by the Board of Directors of the Corporation and are now in full force and effect:

Opening of Brokerage Account(s); Conducting Transactions
RESOLVED, that the Corporation, on its own behalf, or, if the Account (as defined below) is in the name of a partnership, limited liability company or other entity of which the Corporation is a general partner, managing member or other authorized representative, on behalf of that partnership, limited liability company or other entity, is hereby authorized and directed to establish and maintain one or more accounts (including margin accounts) (each, and collectively, the "Account"), and to engage in any of the transactions hereinafter described, with or through TradeStation, or any of its now or hereafter existing affiliated entities, through an Account or otherwise. TradeStation, to the fullest extent of its authority under applicable regulations, is hereby authorized to act as principal or agent in such transactions;

Trading Authority*
RESOLVED, that the Corporation, on its own behalf, or, if the Account is in the name of a partnership, limited liability company or other entity of which the Corporation is a general partner, managing member or other authorized representative, on behalf of that partnership, limited liability company or other entity, is hereby authorized and empowered to purchase (including on a forward or when-issued basis or on margin), hold, finance, lend, hypthecate, pledge, exercise, convert, tender, redeem, exchange, transfer, assign, sell (including short, when-issued and forward sales), enter into, write, issue and otherwise deal and trade, singly or in combination, in the following:

- **Securities (General):** any and all forms of securities, trust certificates, evidences of interest, participation or indebtedness of any kind whatsoever, whether publicly registered or exempt from registration (for example, as a private placement or exempt security), including, without limitation, the securities, instruments and transactions listed in the categories set forth below;
- **Debt Securities:** any and all forms of bonds, debentures or notes of any coupon (including "zero coupon") or maturity, including but not limited to obligations issued or guaranteed by the United States Government or any of its agencies or instrumentalities, Government Sponsored Enterprises, foreign sovereign nations, corporations or other entities, including special purpose entities, whether investment grade, unrated or high yield or secured or unsecured;
- **Equity Securities:** any and all forms of common and preferred stock, scrip, warrants and rights;
- **Mortgages, Mortgage-Backed and Other Asset-Backed Securities:** whole mortgage loans and interests and participations in mortgage loans, whether residential or commercial or multi-family; mortgage-backed, mortgage-related or mortgage-derived securities or instruments of any kind whatsoever including, but not limited to, any tranches of collateralized mortgage obligations, REMICs, mortgage pass-through certificates and participation certificates, whether issued or guaranteed by or backed by collateral of a government agency, Government Sponsored Enterprise or a private issuer, including, but not limited to, planned or targeted amortization, interest-only, principal-only, floating rate, inverse floating rate or zero coupon classes, interest-only or principal-only strips or mortgage residuals or any combination of the foregoing; all forms and tranches of asset-backed securities, including, but not limited to, securities backed by auto, truck, boat, home equity, credit card loans, and any other form of consumer debt or business debt, lease payments, any form of bank debt, and interests in and debt instruments issued by entities whose principal assets are any of the foregoing and any asset-backed residual;
- **Repurchase, Reverse Repurchase and Securities Lending and Similar Transactions:** repurchase and reverse repurchase transactions, securities lending, bonds borrow pledge, dollar rolls, buy forward sale and other similar transactions involving cash or any kind of security, asset-backed interest or participation or other financial instrument;
- **Money Market Instruments; Bank Notes and Bank Loans:** money market instruments, including but not limited to bankers acceptances, certificates of deposit and commercial paper, deposit notes and other bank notes and corporate, commercial or sovereign loans or obligations;
- **Foreign Exchange:** spot and forward transactions in foreign currencies, currency futures contracts, and listed or over-the-counter options on foreign currencies;
- **Commodities and Futures:** commodities and commodity, financial and equity contracts and listed and over-the-counter or other options or derivatives on any of the foregoing;
- **Options and Certain Derivative Securities:** any and all forms of listed or over-the-counter or other options (whether or not "covered") on, and securities or futures whose performance is linked to, individual securities, groups or indices of securities, currencies, interest rate indices, commodity indices, financial instruments, or any other derivative transaction type whether or not described in this resolution;
- **Interest Rate, Currency and Other Swap Transactions:** swap transactions, including, but not limited to, interest rate swaps, basis swaps, commodity swaps, rate protection transactions, serialized interest rate options, interest rate futures, caps, collars, floors, corridors, and forward rate agreements, currency swap agreements, cross-currency rate swap agreements, or equity or equity index swaps, or any similar transaction or combination thereof, whether on a forward basis or otherwise, including any option to enter into any of the foregoing;
- **Digital Assets:** any and all digital assets, including cryptocurrencies, virtual currencies or tokens, whether or not deemed or recognized as currencies, securities or commodities, and whether or not listed or over-the-counter or registered or exempt, and all options, futures and other derivatives thereof.
- **International Securities and Transactions:** each of the above itemized securities, obligations, instruments and other transaction types may be dealt in regardless of whether such security, obligation, instrument or other transaction type is issued by, the obligation of, or related to, a foreign person, enterprise or sovereign, is denominated in a foreign currency or trades or is settled on or through a foreign market, exchange or clearinghouse; and
- **Miscellaneous:** any transaction that is similar to any of the transactions described above (including an option or other derivative with respect to any of them), any combination of these transactions or any other transaction, whether or not described in this resolution.

Authorized Officer/Agents

RESOLVED, that each of the following officers or agents of the Corporation is hereby individually authorized for and on behalf of the Corporation, acting alone, (1) to give to and receive from TradeStation oral or written instructions, confirmations, notices or demands with respect to any Account or transaction; (2) to have complete authority at all times to bind the Corporation (and the partnership, limited liability company or other entity for which the Corporation acts, if applicable) to the performance of any transaction or agreement, amendment or modification thereof relating to any Account or transaction involving the Corporation (or the partnership, limited liability company or other entity for which the Corporation acts, if applicable); (3) to lend or borrow money or securities or contracts or digital assets and to secure the repayment thereof with the property of the Corporation (or the partnership, limited liability company or other entity for which the Corporation acts, if applicable); (4) to pay in cash or by check or draft drawn upon the funds of the Corporation (or the partnership, limited liability company or other entity for which the Corporation acts, if applicable) any sums required to be paid in connection with any Account or transaction; (5) to order the transfer or delivery of any securities, contracts, funds, digital assets or other property to such officer or agent or to any other person; (6) to order the transfer of record of any securities, contracts, funds, digital assets or other property to any name and to accept delivery of any securities, contracts, funds or other property; (7) to direct the sale or exercise of any rights with respect to any securities, contracts, digital assets or other property; (8) to sign for and on behalf of the Corporation (or the partnership, limited liability company or other entity for which the Corporation acts, if applicable) all releases, assignments, powers of attorney or other documents in connection with any Account or transaction; (9) to agree to any terms or conditions affecting any Account or transaction; (10) to endorse any securities, contracts or other property in order to pass title thereto (or to any interest therein); (11) to direct TradeStation to surrender any securities, contracts, funds, digital assets or other property for the purpose of effecting any exchange or conversion thereof or otherwise; (12) to appoint any other person or persons to do any and all things which such officer or agent is hereby empowered to do; and (13) generally, to take all such action as such officer or agent may deem necessary or desirable to implement or facilitate the trading activities authorized in the preceding Resolutions:

If the corporation has more than one officer or controller, at least two individuals must be provided in the boxes below.

Name of Person	Title/Firm Name	Specimen Signature

Please note, only the individuals listed above will be authorized to act on behalf of the TradeStation account.

Effectiveness of Resolutions

RESOLVED, that the foregoing Resolutions shall apply to all transactions and agreements between the Corporation (and the partnership, limited liability company or other entity for which the corporation acts, if applicable) and TradeStation, even if such transactions and agreements were entered into by the Corporation (or the partnership, limited liability company or other entity for which the Corporation acts, if applicable) and TradeStation prior to the adoption of such Resolutions (all of which are hereby unconditionally ratified in all respects), shall supersede any prior resolutions dealing with the subject matter covered herein and shall remain in full force and effect in all respects until the close of business on the day (if any) that TradeStation receives written notice of a modification or revocation thereof at its offices located at The TradeStation Building, 8050 S.W. 10th Street, Suite 2000, Plantation, FL 33324, Attn: Vice President of Brokerage Client Service.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Corporation on this _____ day of

_____, 20_____

X_____

Authorized Representative (SIGNATURE)

PLEASE BE SURE TO INCLUDE A COPY OF YOUR ORGANIZATION'S PARTNERSHIP AGREEMENT

I, _____, being a duly authorized representative of _____,

the general partner ("General Partner") of _____, a partnership duly organized and validly existing under

the laws of _____, and having its principal place of business at _____ (the "Partnership"), hereby (a) represent and warrant that the undersigned is a duly authorized representative of such General Partner and is duly authorized to execute this Certificate on behalf of such General Partner in its individual capacity and in its capacity as general partner of the Partnership, and (b) certify as follows on behalf of such General Partner and the Partnership:

Opening of Brokerage Account(s); Conducting Transactions
I CERTIFY THAT such General Partner is authorized and directed to establish and maintain on behalf of the Partnership one or more accounts (including margin accounts) (each, and collectively, the "Account"), and to engage in any of the transactions hereinafter described, with or through TradeStation or any of its now or hereafter existing affiliated entities, through an Account or otherwise. TradeStation, to the fullest extent permitted by law, is hereby authorized to act as principal or agent in such transactions.

Trading Authority*
I FURTHER CERTIFY THAT the General Partner on behalf of the Partnership is authorized and empowered to purchase (including on a forward or when-issued basis or on margin), hold, finance, pledge, exercise, convert, tender, redeem, exchange, transfer, assign, sell (including short, when issued and forward sales), enter into, write, issue, terminate, amend and otherwise deal and trade, singly or in combination, in the following:*

- **Securities (General):** any and all forms of securities, trust certificates, evidences of interest, participation or indebtedness of any kind whatsoever, whether publicly registered or exempt from registration (for example, as a private placement or exempt security), including, without limitation, the securities, instruments and transactions listed in the categories set forth below;
- **Debt Securities:** any and all forms of bonds, debentures or notes of any coupon (including "zero coupon") or maturity, including, but not limited to, obligations issued or guaranteed by the United States Government or any of its agencies or instrumentalities, Government Sponsored Enterprises, foreign sovereign nations, corporations or other entities, including special purpose entities, whether investment grade, unrated or high yield or secured or unsecured;
- **Equity Securities:** any and all forms of common and preferred stock, scrip, warrants and rights;
- **Mortgages, Mortgage-Backed and Other Asset-Backed Securities:** whole mortgage loans and interests and participations in mortgage loans, whether residential or commercial or multi-family; mortgage-backed, mortgage-related or mortgage-derived securities or instruments of any kind whatsoever including, but not limited to, any tranches of, collateralized mortgage obligations, REMICs, mortgage pass-through certificates and participation certificates, whether issued or guaranteed by or backed by collateral of a government agency, Government Sponsored Enterprise or a private issuer, including, but not limited to, planned or targeted amortization, interest-only, principal-only, floating rate, inverse floating rate or zero coupon classes, interest-only or principal-only strips or mortgage residuals or any combination of the foregoing; all forms and tranches of asset-backed securities, including, but not limited to, securities backed by auto, truck, boat, home equity, credit card loans, and any other form of consumer debt or business debt, lease payments, any form of bank debt, and interest in and debt instruments issued by entities whose principal assets are any of the foregoing and any asset-backed residual;
- **Repurchase, Reverse Repurchase and Securities Lending and Similar Transactions:** repurchase and reverse repurchase transactions, securities lending, bonds borrow pledge, dollar rolls, buy forward sale and other similar transactions involving cash or any kind of security, asset-backed interest or participation or other financial instrument;
- **Money Market Instruments; Bank Notes and Bank Loans:** money market instruments, including, but not limited to, bankers acceptances, certificates of deposit and commercial paper, deposit notes and other bank notes and corporate, commercial or sovereign loans or obligations;
- **Foreign Exchange:** spot and forward transactions in foreign currencies, currency futures contracts, and listed or over-the-counter options on foreign currencies;
- **Commodities and Futures:** commodities and commodity, financial, equity and security futures contracts and listed and over-the-counter or other options or derivatives on any of the foregoing;
- **Options and Certain Derivative Securities:** any and all forms of listed or over-the-counter or other options (whether or not "covered") on, and securities or futures whose performance is linked to, individual securities, groups or indices of securities, currencies, interest rate indices, commodity indices, financial instruments, or any other derivative transaction type whether or not described in this Certificate;
- **Interest Rate, Currency and Other Swap Transactions:** swap transactions, including, but not limited to, interest rate swaps, basis swaps, commodity swaps, rate protection transactions, serialized interest rate options, interest rate futures, caps, collars, floors, corridors, and forward rate agreements, currency swap agreements, cross-currency rate swap agreements, or equity or equity index swaps, or any similar transaction or combination thereof, whether on a forward basis or otherwise, including any option to enter into any of the foregoing;
- **Digital Assets:** any and all digital assets, including cryptocurrencies, virtual currencies or tokens, whether or not deemed or recognized as currencies, securities or commodities, and whether or not listed or over-the-counter or registered or exempt, and all options, futures and other derivatives thereof.

- **International Securities and Transactions:** each of the above itemized securities, obligations, instruments and other transaction types may be dealt in regardless of whether such security, obligation, instrument or other transaction type is issued by, the obligation of, or related to, a foreign person, enterprise or sovereign, is denominated in a foreign currency or trades or is settled on or through a foreign market, exchange or clearinghouse; and
- **Miscellaneous:** any transaction that is similar to any of the transactions described above (including an option or other derivative with respect to any of them), any combination of these transactions or any other transaction, whether or not described in this Certificate.

Each of the following persons is hereby individually authorized for and on behalf of the General Partner and the Partnership, acting alone, (1) to give to and receive from TradeStation oral, written or electronic instructions, confirmations, notices or demands with respect to any Account or transaction; (2) to have complete authority at all times to bind the General Partner and the Partnership to the performance of any transaction or agreement, amendment or modification thereof, relating to any Account or transaction involving the General Partner or the Partnership; (3) to lend or borrow money, financial instruments or currencies or securities or contracts or digital assets and to secure the repayment thereof with the property of the General Partner or the Partnership; (4) to pay in cash or by check or draft drawn upon the funds of the General Partner or the Partnership any sums required to be paid in connection with any Account or transaction; (5) to order the transfer or delivery of any securities, contracts, funds, digital assets, financial instruments or currencies, or other property to such person or to any other person or entity; (6) to order the transfer of record of any securities, contracts, funds, digital assets, financial instruments or currencies, or other property to any name and to accept delivery of any securities, contracts, funds, digital assets, financial instruments or currencies, or other property; (7) to direct the sale or exercise of any rights with respect to any securities, contracts, funds, digital assets, financial instruments or currencies, or other property; (8) to sign for and on behalf of the General Partner and the Partnership all releases, assignments, powers of attorney or other documents in connection with any Account or transaction; (9) to agree to any terms or conditions affecting any Account or transaction; (10) to endorse any securities, contracts, funds, digital assets, financial instruments or currencies, or other property in order to pass title thereto (or to any interest therein); (11) to direct TradeStation to surrender any securities, contracts, funds, digital assets, financial instruments or currencies, or other property for the purpose of effecting any exchange or conversion thereof or otherwise; (12) to appoint any other person or persons to do any and all things which such named person is hereby empowered to do; and (13) generally, to take all such action as such person may deem necessary or desirable to implement or facilitate the foregoing trading activities:

Name of Person	Title/Firm Name	Specimen Signature

Please note, only the individuals listed above will be authorized to act on behalf of the TradeStation account

The foregoing shall apply to all transactions and agreements between the General Partner (and the Partnership) and TradeStation, even if such transactions and agreements were previously entered into by the General Partner (or the Partnership) and TradeStation (all of which are hereby unconditionally ratified in all respects), shall supersede any prior authorization dealing with the subject matter covered herein and shall remain in full force and effect in all respects until the close of business on the day (if any) after TradeStation receives written notice of the modification or revocation thereof at its offices located at The TradeStation Building, 8050 S.W. 10th Street, Suite 2000, Plantation, FL 33324, Attn: Vice President of Brokerage Client Service. TradeStation is instructed to direct all notices or communications, including demands, notices, confirmations, reports and statements in connection with the Account(s) to the name and address provided to TradeStation in the Account Application and Agreement.

Please provide a copy of the Partnership's Partnership Agreement and any other documents that authorize the person signing this Certificate on behalf of the Partnership to do so.

Print Name and Title of Authorized Representative	Signature of Authorized Representative SIGN HERE	Date

PLEASE BE SURE TO INCLUDE A COPY OF YOUR ORGANIZATION'S OPERATING AGREEMENT

I, _____, being a duly authorized representative of _____, a limited liability company duly organized and validly existing under the laws of _____, and having its principal place of business at _____ (the "Company"), or of a corporation or other entity that is the managing member or manager of the Company, hereby (a) represent and warrant that the undersigned is a duly authorized representative of such entity and is duly authorized to execute this Certificate on behalf of such entity (as applicable, in its individual capacity and in its capacity as managing member or manager of the Company), and (b) certify as follows on behalf of the Company (and, as applicable, such entity that is the managing member or manager of the Company):

Opening of Brokerage Account(s); Conducting Transactions
I CERTIFY THAT the Company is authorized and directed to establish and maintain, on its own behalf, or, if the Account is in the name of a partnership or other entity of which the Company is a general partner or authorized representative, on behalf of that partnership or other entity, one or more accounts (including margin accounts) (each, and collectively, the "Account"), and to engage in any of the transactions hereinafter described, with or through TradeStation or any of its now or hereafter existing affiliated entities, through an Account or otherwise. TradeStation, to the fullest extent permitted by law, is authorized to act as principal or agent in such transactions.

Trading Authority*
RESOLVED, that the Corporation, on its own behalf, or, if the Account is in the name of a partnership, limited liability company or other entity of which the Corporation is a general partner, managing member or other authorized representative, on behalf of that partnership, limited liability company or other entity, is hereby authorized and empowered to purchase (including on a forward or when-issued basis or on margin), hold, finance, lend, hypthecate, pledge, exercise, convert, tender, redeem, exchange, transfer, assign, sell (including short, when-issued and forward sales), enter into, write, issue and otherwise deal and trade, singly or in combination, in the following:

- **Securities (General):** any and all forms of securities, trust certificates, evidences of interest, participation or indebtedness of any kind whatsoever, whether publicly registered or exempt from registration (for example, as a private placement or exempt security), including, without limitation, the securities, instruments and transactions listed in the categories set forth below;
- **Debt Securities:** any and all forms of bonds, debentures or notes of any coupon (including "zero coupon") or maturity, including but not limited to obligations issued or guaranteed by the United States Government or any of its agencies or instrumentalities, Government Sponsored Enterprises, foreign sovereign nations, corporations or other entities, including special purpose entities, whether investment grade, unrated or high yield or secured or unsecured;
- **Equity Securities:** any and all forms of common and preferred stock, scrip, warrants and rights;
- **Mortgages, Mortgage-Backed and Other Asset-Backed Securities:** whole mortgage loans and interests and participations in mortgage loans, whether residential or commercial or multi-family; mortgage-backed, mortgage-related or mortgage-derived securities or instruments of any kind whatsoever including, but not limited to, any tranches of collateralized mortgage obligations, REMICs, mortgage pass-through certificates and participation certificates, whether issued or guaranteed by or backed by collateral of a government agency, Government Sponsored Enterprise or a private issuer, including, but not limited to, planned or targeted amortization, interest-only, principal-only, floating rate, inverse floating rate or zero coupon classes, interest-only or principal-only strips or mortgage residuals or any combination of the foregoing; all forms and tranches of asset-backed securities, including, but not limited to, securities backed by auto, truck, boat, home equity, credit card loans, and any other form of consumer debt or business debt, lease payments, any form of bank debt, and interests in and debt instruments issued by entities whose principal assets are any of the foregoing and any asset-backed residual;
- **Repurchase, Reverse Repurchase and Securities Lending and Similar Transactions:** repurchase and reverse repurchase transactions, securities lending, bonds borrow pledge, dollar rolls, buy forward sale and other similar transactions involving cash or any kind of security, asset-backed interest or participation or other financial instrument;
- **Money Market Instruments; Bank Notes and Bank Loans:** money market instruments, including but not limited to bankers acceptances, certificates of deposit and commercial paper, deposit notes and other bank notes and corporate, commercial or sovereign loans or obligations;
- **Foreign Exchange:** spot and forward transactions in foreign currencies, currency futures contracts, and listed or over-the-counter options on foreign currencies;
- **Commodities and Futures:** commodities and commodity, financial and equity contracts and listed and over-the-counter or other options or derivatives on any of the foregoing;
- **Options and Certain Derivative Securities:** any and all forms of listed or over-the-counter or other options (whether or not "covered") on, and securities or futures whose performance is linked to, individual securities, groups or indices of securities, currencies, interest rate indices, commodity indices, financial instruments, or any other derivative transaction type whether or not described in this resolution;
- **Interest Rate, Currency and Other Swap Transactions:** swap transactions, including, but not limited to, interest rate swaps, basis swaps, commodity swaps, rate protection transactions, serialized interest rate options, interest rate futures, caps, collars, floors, corridors, and forward rate agreements, currency swap agreements, cross-currency rate swap agreements, or equity or equity index swaps, or any similar transaction or combination thereof, whether on a forward basis or otherwise, including any option to enter into any of the foregoing;
- **Digital Assets:** any and all digital assets, including cryptocurrencies, virtual currencies or tokens, whether or not deemed or recognized as currencies, securities or commodities, and whether or not listed or over-the-counter or registered or exempt, and all options, futures and other derivatives thereof.
- **International Securities and Transactions:** each of the above itemized securities, obligations, instruments and other transaction types may be dealt in regardless of whether such security, obligation, instrument or other transaction type is issued by, the obligation of, or related to, a foreign person, enterprise or sovereign, is denominated in a foreign currency or trades or is settled on or through a foreign market, exchange or clearinghouse; and
- **Miscellaneous:** any transaction that is similar to any of the transactions described above (including an option or other derivative with respect to any of them), any combination of these transactions or any other transaction, whether or not described in this resolution.

Each of the following persons is hereby individually authorized for and on behalf of the Company, acting alone, (1) to give to and receive from TradeStation oral, written or electronic instructions, confirmations, notices or demands with respect to any Account or transaction; (2) to have complete authority at all times to bind the Company (and the partnership or other entity for which the Company acts, if applicable) to the performance of any transaction or agreement,

amendment or modification thereof, relating to any Account or transaction involving the Company (or the partnership or other entity for which the Company acts, if applicable); (3) to lend or borrow money, financial instruments or currencies or securities or contracts or digital assets and to secure the repayment thereof with the property of the Company (or the partnership or other entity for which the Company acts, if applicable); (4) to pay in cash or by check or draft drawn upon the funds of the Company (or the partnership or other entity for which the Company acts, if applicable) any sums required to be paid in connection with any Account or transaction; (5) to order the transfer or delivery of any securities, contracts, funds, digital assets, financial instruments or currencies, or other property to such person or to any other person or entity; (6) to order the transfer of record of any securities, contracts, funds, digital assets, financial instruments or currencies, or other property to any name and to accept delivery of any securities, contracts, funds, financial instruments or currencies, or other property; (7) to direct the sale or exercise of any rights with respect to any securities, contracts, funds, digital assets, financial instruments or currencies, or other property; (8) to sign for and on behalf of the Company (and the partnership or other entity for which the Company acts, if applicable) all releases, assignments, powers of attorney or other documents in connection with any Account or transaction; (9) to agree to any terms or conditions affecting any Account or transaction; (10) to endorse any securities, contracts, funds, digital assets, financial instruments or currencies, or other property in order to pass title thereto (or to any interest therein); (11) to direct TradeStation to surrender any securities, contracts, funds, financial instruments or currencies, or other property for the purpose of effecting any exchange or conversion thereof or otherwise; (12) to appoint any other person or persons to do any and all things which such named person is hereby empowered to do; and (13) generally, to take all such action as such person may deem necessary or desirable to implement or facilitate the foregoing trading activities:

Name of Person	Title/Firm Name	Specimen Signature

Please note, only the individuals listed above will be authorized to act on behalf of the TradeStation account.

The foregoing shall apply to all transactions and agreements between the Company (and the partnership or other entity for which the Company acts, if applicable) and TradeStation, even if such transactions and agreements were previously entered into by the Company (or the partnership or other entity for which the Company acts, if applicable) and TradeStation (all of which are hereby unconditionally ratified in all respects), shall supersede any prior authorization dealing with the subject matter covered herein and shall remain in full force and effect in all respects until the close of business on the day (if any) after TradeStation receives written notice of the modification or revocation thereof at its offices located at The TradeStation Building, 8050 S.W. 10th Street, Suite 2000, Plantation, FL 33324, Attn: Vice President of Brokerage Client Service. TradeStation is instructed to direct all notices or communications, including demands, notices, confirmations, reports and statements in connection with the Account(s) to the name and address provided to TradeStation in the Account Application and Agreement.

Please provide a copy of the Company's Operating Agreement or similar document and any other documents that authorize the person signing this Certificate on behalf of the Company to do so.

Print Name and Title of Authorized Representative	Signature of Authorized Representative SIGN HERE	Date

TradeStation®

Certificate of Trustees

Complete for a Trust account

In consideration of your maintaining one or more accounts for the Trust named below, I (we) the undersigned trustee(s), certify to that the following is true, under the penalty of perjury.

Trust Name: _____

Date of Formation of Trust: _____

1. There are no other trustees other than the undersigned.

2. The trust agreement explicitly authorizes all Trustees to act individually without the approval of the other Trustees. TradeStation has the authority to accept orders and other instructions relative to the trust accounts from any of these Trustees and they may execute any documents on behalf of the Trust which TradeStation may require.

   Please Note: Although the trust agreement may allow a trustee to act individually, under certain circumstances, TradeStation policies may require that the written approval of all Trustees be obtained.

3. I (We) certify that I (we) have the power under the Trust Agreement to enter into transactions for the purchase and sale of securities and other investments, including, without limitation, stocks (preferred or common), bonds, mutual funds, and futures.

   In addition to the foregoing powers, the undersigned Trustees are specifically authorized (check all that apply):

   ☐ to maintain a Margin and Short Account, and through such account, to borrow money to purchase securities on margin, sell securities which the Trust does not own (i.e., short sales), and to borrow securities in connection therewith.

   ☐ to trade in options, including, without limitation, the purchase of puts and calls and the writing (sale) of covered and uncovered puts and calls.

4. The undersigned Trustees jointly and severally indemnify TradeStation's agents, officers, successors and assigns and hold all of the aforementioned harmless from any liability (including attorney's fees) arising out of or related to any actual or alleged improper or unsuitable actions resulting from instructions given by any of us (or by third-parties duly designated by us) to TradeStation. This indemnification is made by us in our capacities as trustees and in our individual capacities. We agree to promptly inform TradeStation, in writing, of any amendment to the Trust, any change in the composition of the Trustees or any other event which could alter the certifications made above. We acknowledge TradeStation's right but, not an obligation, to examine the Trust Agreement and hereby agree to provide TradeStation with a copy of the Trust Agreement if requested in writing. (Where applicable, plural references in this certification shall be deemed singular.)

Signature of Trustee (digital signatures not accepted)	Name of Trustee	Date
Signature of Trustee (digital signatures not accepted)	Name of Trustee	Date
Signature of Trustee (digital signatures not accepted)	Name of Trustee	Date
Signature of Trustee (digital signatures not accepted)	Name of Trustee	Date

All TRUSTEES MUST SIGN

TradeStation®

Sole Proprietorship Certification

Complete if your account will be in the name of the Sole Proprietorship.

To: TradeStation
The TradeStation Building
8050 S.W. 10th Street, Suite 2000
Plantation, FL 33324

I, _____ , hereby certify that I am, as an individual sole proprietor, and not on
(Name of sole proprietor - your legal name)

behalf or part of any entity, engaged in business under the assumed name of

_____
(Name of sole proprietorship business)

at _____

in the city of _____ State of _____.

I am the sole proprietor of the business so conducted and no other person, partnership, corporation or other entity has any ownership interest therein.

All securities, commodities, financial instruments, contracts, digital assets and other assets and property in the name of

_____ are owned solely by me, as an individual.
(Name of sole proprietorship business)

I hereby agree to indemnify and hold TradeStation, its controlling persons, successors and assigns and all of its affiliates (the "Indemnified Parties") harmless from and against, and pay promptly on demand, any damages, losses, claims and/or costs (including attorney's fees) which any of the Indemnified Parties may incur in complying with my instructions relating to the above named account(s) at TradeStation or any affiliate of TradeStation.

Signator of Sole Proprietor SIGN HERE	Print Name	Date