



**INTERACTIVE BROKERS (U.K.) LTD ACCOUNT APPLICATION
FOR FINANCIAL ADVISOR CLIENTS**
For Organizations (Corporations, Partnerships, LLCs, Unincorporated Businesses)

INSTRUCTIONS:

This application form is for Interactive Brokers organization account applicants whose account will be managed by an advisor.

Do not use this application if your account will not be managed by an advisor. Do not use this application for an individual, joint, trust or IRA account. Do not use this application if you do not reside in the UK.

Please check to ensure that you have completed all of the below steps before you return your application to us:

- Complete All Application Forms.**
- Specify Advisor Fee Arrangement.**
- Fill Out the Security Question and Answer Sections (Page 4).**
- Provide All Required Signatures. Signatures Are Requested On The Following Pages:**
 - Page 10
 - Page 13
 - Page 14
 - Page 16
- Provide Instructions For Initial Deposit Of Funds And/Or Securities To Your Account.**
- Include Required Proof Of Identity And Address For Each Account Holder:**
 - Proof of Identity for Account Holder
 - Separate Document as Proof of Address for Account Holder
 - Proof of Identity for Joint Account Holder (If Joint Account)
 - Separate Document as Proof of Address for Joint Account Holder (If Joint Account)
- Return Completed Application Package, Along With Proof Of Identity And Address Documents For Each Account Holder, And A Check (If You Are Funding Your Account With A Check) To Your Advisor Or To Interactive Brokers. If Sending To Interactive Brokers Directly, Use Any Of The Following:**

Scan and Email	newaccounts.uk@interactivebrokers.co.uk
Courier/Overnight Service	Interactive Brokers (U.K.) Limited Attn: Document Processing Gotthardstrasse 3 6301 Zug Switzerland +41-41-726-9500
Fax	+(41-41) 726-9599
Mail	Interactive Brokers (U.K.) Limited Attn: Document Processing P.O. Box 254 6301 Zug Switzerland

Thank You for Choosing Interactive Brokers.

I. ACCOUNT AND APPLICANT INFORMATION

Advisor Information

Name of Your Financial Advisor	Name of Advisor's Firm (if any)
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Type of Account

Country of Legal Residence	State/Province
<input type="checkbox"/> I certify that my organization is not <ul style="list-style-type: none">• Church Body• Registered Charity• Unregistered Charity• Club or Society• Occupational Pension Scheme	
Account Type (check only one) <input type="checkbox"/> Partnership (Unincorporated Business) <input type="checkbox"/> Corporation	
Please select one of the following: <input type="checkbox"/> The Organization intends to trade solely on behalf of the named accounts holders. <input type="checkbox"/> The Organization is an investment vehicle (e.g., a hedge fund, mutual fund, etc.)	
Choose a Base Currency for the Account (check only one) <input type="checkbox"/> United States Dollar USD <input type="checkbox"/> Australian Dollar AUD <input type="checkbox"/> British Pound GBP <input type="checkbox"/> Canadian Dollar CAD <input type="checkbox"/> Euro EUR <input type="checkbox"/> Hong Kong Dollar HKD <input type="checkbox"/> Japanese Yen JPY <input type="checkbox"/> Swiss Franc CHF	
Choose Cash or Margin Account <input type="checkbox"/> Cash Must have enough cash in the account to cover the cost of the transaction plus commissions. No shorting of stock or futures day trading benefits (50% of regular margin requirement during the day on certain exchanges). Limited purchase and sale of options and trading is only allowed for products denominated in the base currency of the account. Cash from the sale of stocks, options and futures becomes available when the transaction settles (e.g. US stock - 3 days, German stocks- 2 days, US options- 1 day). <input type="checkbox"/> Reg T Margin Borrowing to support equities trading, shorting of equities, full options trading, full futures/futures options trading, currency conversions, and securities/commodities trading in multiple currency denominations available. Margin requirements are computed real-time under a rules-based calculation methodology, with immediate position liquidation if the minimum maintenance margin requirement is not met. Purchase and sale proceeds are immediately recognized. <input type="checkbox"/> Portfolio Margin Same as a Reg T margin account (see above) except that margin requirements generally will be lower in a portfolio margin account because margin requirements will be calculated based on a risk based calculation methodology. Customers must maintain account equity of USD 100,000 in order to utilize a portfolio margin account. Otherwise Reg T margin requirements will apply.	

Account Trading Permissions

Please check all the products that you may want to trade in your account. You and your advisor also will have the ability to add additional products after your account has been opened.

Stocks: (country of exchange on which they are traded)

- United States
- Australia
- Belgium
- Canada
- France
- Germany
- Hong Kong
- Japan
- The Netherlands
- Sweden
- Switzerland
- United Kingdom

Bonds:

- United States

Warrants:

- Germany
- Hong Kong

Stock Options and Index Options:

- United States
- Belgium
- Canada
- France
- Germany
- Hong Kong
- Italy
- Japan
- South Korea
- Spain
- Sweden
- Switzerland
- The Netherlands
- United Kingdom

Futures (Commodities):

- United States
- United States (Floor Based Exchanges)
- Australia
- Belgium
- Canada
- France
- Germany
- Hong Kong
- Italy
- Japan
- Singapore
- South Korea
- Spain
- Sweden
- Switzerland
- The Netherlands
- United Kingdom

Futures Options:

- United States
- United States (Floor Based Exchanges)
- Australia
- Germany
- Japan
- Singapore
- Spain
- United Kingdom

Single Stock Futures:

- United States
- United Kingdom

FOREX (Foreign Exchange):

- IB Forex

Notice Regarding Anti-Money Laundering and Customer Identification Procedures: To help the U.S. government fight the funding of terrorism and money laundering activities, Federal law requires all financial institutions to obtain, verify, and record information that identifies each person or entity who opens an account. We are required by law to ask you to provide your name, address, date of birth and other information about you, your organization or persons related to your organization that will allow us to identify you before we approve your account. We also will ask you to provide certain identifying documents, such as your driver's license or passport or your organization's articles of incorporation and may obtain credit and other consumer reports to assist us in verifying your identity and in determining whether you satisfy our account criteria. Unless you provide the requested information and documentation, we may not be able to open your account. By applying for an IB account, you agree to provide accurate and truthful information as requested by IB and you consent to IB's acquisition of credit and other consumer reports about you for the purposes described above.

Identification

Organization Name	
Description of the Organization's Business:	
Organization's Tax or Government-Issued Identification Number:	Country that Issued the Organization's Tax or Identification Number:
Principal Place of Business of the Organization	
Street Address	

City	State/Province	Country	Zip/Postal Code
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Individual Applying for the Account

Name (First) (Middle Initial) (Last)		Date of Birth mm dd yyyy
Suffix Title		Country of Citizenship
Street Address (<u>no</u> P.O. boxes or "in care of" addresses allowed)		
City	State/Province	If you are a U.S. citizen, a U.S. resident or have a U.S Social Security Number, you must provide a Social Security Number:
	Zip Code/Postal Code	
Country		If you are <u>not</u> a U.S. resident, please check which form of identification you will provide to Interactive Brokers (you must provide a copy of <u>one</u> of the following): <input type="checkbox"/> Driver's License <input type="checkbox"/> Alien Identification Card <input type="checkbox"/> Passport <input type="checkbox"/> National Identity Card Country of Issuance: Number:
Phone No. (with area code)	Second Phone No. (optional)	
Fax No. (with area code)		
E-Mail Address for Account Correspondence		Confirmation of Email Address
Please pick a security question from the list below and provide the answer to that question so that we may use it in the future for verification purposes (pick only <u>one</u>): <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> What is your mother's maiden name? <input type="checkbox"/> What town were you born in? </div> <div style="width: 45%;"> <input type="checkbox"/> What is your favorite pet's name? <input type="checkbox"/> What street did you grow up on? <input type="checkbox"/> What is your favorite vacation spot? </div> </div> Answer:		

Controlling Officer Information

Name (First) (Middle Initial) (Last)		Date of Birth mm dd yyyy
Suffix Title		Country of Citizenship
Street Address (<u>no</u> P.O. boxes or "in care of" addresses allowed)		
City	State/Province	If you are a U.S. citizen, a U.S. resident or have a U.S Social Security Number, you must provide a Social Security Number:
	Zip Code/Postal Code	

Country		If you are <u>not</u> a U.S. resident, please check which form of identification you will provide to Interactive Brokers (you must provide a copy of <u>one</u> of the following): <input type="checkbox"/> Driver's License <input type="checkbox"/> Alien Identification Card <input type="checkbox"/> Passport <input type="checkbox"/> National Identity Card Country of Issuance: Number:	
Phone No. (with area code)	Second Phone No. (optional)	Fax No. (with area code)	
E-Mail Address for Account Correspondence		Confirmation of Email Address	

Treasurer Information

Name (First)	(Middle Initial)	(Last)	Suffix
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Secretary Information

Name (First)	(Middle Initial)	(Last)	Suffix
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Owner Information

First Owner (individual):		Second Owner (individual):	
Owner 's Name (First, Middle, Last)		Owner 's Name (First, Middle, Last)	
Percentage of Ownership		Percentage of Ownership	
Owner Type		Owner Type	
Date of Birth dd mm yyyy		Date of Birth dd mm yyyy	
Street Address		Street Address	
City	State/Province	City	State/Province
Country	Zip/Postal Code	Country	Zip/Postal Code
Phone No. (with area code)	Second Phone No. (optional)	Phone No. (with area code)	Second Phone No. (optional)
Fax No. (with area code)		Fax No. (with area code)	
Country of Citizenship		Country of Citizenship <i>(or country of formation for an entity)</i>	
If owner is a U.S. citizen, a U.S. resident or has a U.S Social Security Number, provide owner's Social Security Number:		If owner is a U.S. citizen, a U.S. resident or has a U.S Social Security Number, provide owner's Social Security Number: Number:	

First Owner (individual):	Second Owner (individual):
Number:	
If owner is <u>not</u> a U.S. resident, please check which form of identification owner uses: <input type="checkbox"/> Driver's License <input type="checkbox"/> Alien Identification Card <input type="checkbox"/> Passport <input type="checkbox"/> National Identity Card Country of Issuance: Number:	If owner is <u>not</u> a U.S. resident, please check which form of identification owner uses: <input type="checkbox"/> Driver's License <input type="checkbox"/> Alien Identification Card <input type="checkbox"/> Passport <input type="checkbox"/> National Identity Card Country of Issuance: Number:

Third Owner (individual):		First Owner (entity):	
Owner 's Name (First, Middle, Last)		Entity Name	
Percentage of Ownership		Percentage of Ownership	
Owner Type			
Date of Birth dd mm yyyy		Street Address (principal place of owner if owner is an entity)	
Street Address			
City	State/Province	City	State/Province
Country	Zip/Postal Code	Country	Zip/Postal Code
Phone No. (with area code)	Second Phone No. (optional)	Phone No. (with area code)	Second Phone No. (optional)
Fax No. (with area code)		Fax No. (with area code)	
Country of Citizenship		Country of Formation	
If owner is a U.S. citizen, a U.S. resident or has a U.S Social Security Number, provide owner's Social Security Number (or provide tax identification number if owner is an entity with a U.S. tax ID): Number:		Tax ID No.: Country of Issuance:	
If owner is <u>not</u> a U.S. resident, please check which form of identification owner uses: <input type="checkbox"/> Driver's License <input type="checkbox"/> Alien Identification Card <input type="checkbox"/> Passport <input type="checkbox"/> National Identity Card Country of Issuance: Number:		Is the entity publicly traded on a regulated exchange? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, Exchange Symbol	

Second Owner (entity):		Third Owner (entity):	
Entity Name		Entity Name	
Percentage of Ownership		Percentage of Ownership	
Street Address (principal place of owner if owner is an entity)		Street Address (principal place of owner if owner is an entity)	
City	State/Province	City	State/Province
Country	Zip/Postal Code	Country	Zip/Postal Code
Phone No. (with area code)	Second Phone No. (optional)	Phone No. (with area code)	Second Phone No. (optional)
Fax No. (with area code)		Fax No. (with area code)	
Country of Formation		Country of Formation	
Tax ID No.:		Tax ID No.:	
Country of Issuance:		Country of Issuance:	
Is the entity publicly traded on a regulated exchange? <input type="checkbox"/> Yes <input type="checkbox"/> No		Is the entity publicly traded on a regulated exchange? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If yes, Exchange Symbol		If yes, Exchange Symbol	

Account Financial Background (answer for both account holders if this is a joint account)

Investment Objectives and Intended Purpose of Trading (check all that apply) <input type="checkbox"/> Preservation of Capital <input type="checkbox"/> Income <input type="checkbox"/> Growth <input type="checkbox"/> Trading Profits <input type="checkbox"/> Speculation <input type="checkbox"/> Hedging	
Investment Experience (please fill in all blanks)	
	<u>Years Trading Experience</u> <u>Number of Trades Per Year</u> <u>Knowledge Level</u> (check one for each product type)
Stocks	<input type="checkbox"/> Extensive <input type="checkbox"/> Good <input type="checkbox"/> Limited
Bonds	<input type="checkbox"/> Extensive <input type="checkbox"/> Good <input type="checkbox"/> Limited
Options	<input type="checkbox"/> Extensive <input type="checkbox"/> Good <input type="checkbox"/> Limited
Futures	<input type="checkbox"/> Extensive <input type="checkbox"/> Good <input type="checkbox"/> Limited
Forex	<input type="checkbox"/> Extensive <input type="checkbox"/> Good <input type="checkbox"/> Limited
Estimated Net Worth (in base currency) (exclude value of residence)	Estimated <i>Liquid</i> Net Worth (in base currency) (exclude residence)
Annual Net Income (in base currency)	Total Assets

Source of funds

Accredited Investor Qualifications Information

Please answer the questions below only if your Estimated Net Worth is equal or greater than 5,000,000.00 USD.

Is your organization a broker or dealer registered pursuant to section 15 of the Securities Exchange Act of 1934?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is your organization a corporation, a partnership, a limited liability company, a Massachusetts or similar business trust, or an organization described in Section 501(c)(3) of the Internal Revenue Code, in each case not formed for the specific purpose of acquiring the securities offered, with total assets in excess of \$5,000,000?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is your organization a trust, in each case, not formed for the specific purpose of acquiring certain debt and equity securities being offered, with total assets in excess of \$5,000,000, whose purchase of securities is directed by a sophisticated person with such knowledge and experience in financial and business matters that such person is capable of evaluating the merits and risks of any prospective investment?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is your organization a bank as defined in section 3(a)(2) of the Securities Act of 1933 ("Act"), a savings and loan association or other institution as defined in section 3(a)(5)(A) of the Act whether acting in its individual or fiduciary capacity?	<input type="checkbox"/> Yes <input type="checkbox"/> No
I confirm under penalties of law that the foregoing answers are true and correct. I agree that if I am granted access to IB's Private Placement Site, I shall keep confidential and not provide to any other person or entity, any information made available to me on the IB Private Placement Site.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Regulatory Information

Is the Organization:	
<input type="checkbox"/>	<p>A credit or financial institution that is located in the E.U. and is regulated by a regulatory authority in the E.U.?</p> <p>Type of Institution (e.g., bank, broker, fund manager):</p> <p>Home Country:</p> <p>Home Country Regulator:</p> <p>Regulatory Status:</p>
<input type="checkbox"/>	<p>A credit or financial institution that is not located in the E.U., but is regulated in its home country?</p> <p>Type of Institution (e.g., bank, broker, fund manager):</p> <p>Home Country:</p> <p>Home Country Regulator:</p> <p>Regulatory Status:</p>

<input type="checkbox"/>	<p>None of the above</p> <p><input type="checkbox"/> Quoted on a recognised, designated or approved stock exchange.</p> <p><input type="checkbox"/> A wholly-owned subsidiary of a company that is quoted on a recognised, designated or approved stock exchange.</p> <p><input type="checkbox"/> A subsidiary that is under the control of a company that is quoted on a recognised, designated or approved stock exchange.</p> <p>I you selected one of the three options above, please provide:</p> <p>Name of the quoted company</p> <p>Exchange</p> <p><input type="checkbox"/> A private company that is none of the above.</p>
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II.a ADVISOR FEE ARRANGEMENT Choose one of the following advisor fee billing methods:

<input type="checkbox"/>	<p>No Fee</p> <p>No fees are charged by your advisor for managing your account.</p>
<input type="checkbox"/>	<p>Direct Billing</p> <p>You advisor bills you directly for fees and you pay your advisor directly (IB does not deduct the fees from your account).</p>
<input type="checkbox"/>	<p>Automatic Billing</p> <p>Interactive Brokers calculates Advisor Fees and deducts these fees from your client account automatically and sends them to your advisor as specified.</p> <p><i>Check all that apply and fill-in the required amounts:</i></p> <p><input type="checkbox"/> Annualized Percentage of Net Liquidation Value applied on a daily basis (enter annual percentage).....</p> <p><input type="checkbox"/> Annualized Flat Fee applied on a daily basis (enter annual amount).....</p> <p><input type="checkbox"/> Percentage of Annual Positive P&L applied as of 12/31(enter annual percentage).....</p> <p><input type="checkbox"/> Percentage of Quarterly Positive P&L applied as of March, June, Sept., Dec. (enter quarterly percentage)...</p> <p><input type="checkbox"/> Monthly/Quarterly Invoicing</p> <p>Your advisor calculates the Advisor Wrap Fees and removes the fees from your account up to a limit of _____ per month/ per quarter.</p> <p><input type="checkbox"/> Per-Trade Unit Advisory Fee (For non-US customers with non-US advisors only). <i>If this method is chosen, you must complete the fee schedule below.</i></p>

II.b FEE PER TRADE UNIT

Please acknowledge the change in fees charged by your advisor and send back to IB at the address above.

Any asset class/currency for which a fee per trade unit is not specified will use the IB standard commission schedule as its default, in which case the advisor will not make any fee over and above the fee IB charges the advisor's client to execute and clear trades. A fee per trade unit may be entered as an absolute markup over and above IB's standard commission, as a % of IB's standard commission, or as an absolute amount (IB's standard commission will be subtracted from this amount).

Absolute markup is entered in the currency of the asset class. The unit column indicates if the absolute markup gets applied to shares, contracts, or % of notional value and up to three decimal places may be entered. As an example, when you enter "1" Absolute Markup on the USD option line, and if one IB Smart option contract were executed, the client would be charged \$2 (\$1 is the standard IB commission, and \$1 is specified as an absolute markup).

The % markup is entered as a percentage without the decimal point. As an example, if you enter "100" percent markup on the EUR stock line, if IB charges 10 EUR for a trade the client will be charged a total of 20 EUR for the trade (10 EUR for IB with a 100% match).

The absolute amount requires the input of a minimum for the trade, and then 1 to 3 fees (Fee#1, Fee#2, Fee#3) that are specified by volume breaks (Vol#1, Vol#2). The unit column indicates if the absolute markup gets applied to shares, contracts, or % of notional value and up to three decimal places may be entered. As an example, if you wanted to charge .4% for up to 500 shares, .3% for up to 1,000 shares, and .2% above 1,000 shares with a minimum of 10 GBP (minimums are always entered amounts) for GBP stocks, you would enter:

Minimum	Fee #1	Vol #1	Fee #2	Vol #2	Fee #3
10	0.1	500	0.3	1,000	0.2

IB standard UK fees of .1%, and stamp tax of .5% would be subtracted from the absolute fee specified above. Only 1 fee type (i.e. absolute markup, % markup, or absolute amount) may be entered for each asset class/currency. It should be noted that in no case may you enter more than 7 times IB's standard commission.

Advisor Fee Cap

IB caps the amount of advisor fees earned in any 360 day period to 25% of the client's average equity over this period, with additional cap limits at 30 day increments in-between (i.e. 7.2% over the last 30 days, 17.7% over the last 180 days). When any fee cap is exceeded for a client, the advisor will not receive any client fees until the fee cap is no longer exceeded. IB will continue to charge its standard commissions when the fee cap limit is exceeded. Please be aware that advisors are solely responsible for ensuring that the fees they charge are reasonable and in accordance with regulatory requirements. For a complete fee cap, visit http://www.interactivebrokers.com/en/accounts/advisors/advisorWrapFees.php?ib_entity=uk.

	Currency	Unit	Minimum Fee	Absolute Markup	% Markup	Absolute Value				
						Fee #1	Vol #1	Fee #2	Vol #2	Fee #3
Stocks										
	USD	Shares								
	EUR	%								
	CHF	%								
	GBP	%								
	CAD	Shares								
Stock & Index Options										
	USD	Contracts								
	EUR	Contracts								
	HKD	Contracts								
	CHF	Contracts								
	GBP	Contracts								
	CAD	Contracts								
	JPY	Contracts								

Futures, Futures Options, SSFs										
	USD	Contracts								
	AUD	Contracts								
	EUR	Contracts								
	HKD	Contracts								
	JPY	Contracts								
	CHF	Contracts								
	GBP	Contracts								
	CAD	Contracts								
Forex										
	AUD	%								
	CAD	%								
	CHF	%								
	EUR	%								
	GBP	%								
	HKD	%								
	JPY	%								
	USD	%								

Signature of Account Holder	Second Signature (required only for joint and other accounts where multiple signatures needed)
Date	Date

III. AGREEMENTS AND ACKNOWLEDGEMENTS

Notice of Execution and Clearing Agreement

1. This Notice applies only to persons who are parties to the Customer Agreement Among Customer, Interactive Brokers (U.K.) Limited and Interactive Brokers LLC ("IB UK Customer Agreement") and/or persons who have opened an account ("IB UK Account") with Interactive Brokers (U.K.) Limited ("IB UK Customers").
2. Interactive Brokers (U.K.) Limited ("IB UK") has been authorised by the Financial Services Authority ("FSA") to conduct investment business in the U.K. and Europe and is regulated in the U.K. by the FSA.
3. Interactive Brokers LLC ("IB LLC") is a U.S.-located affiliate of IB UK. IB LLC is registered as a broker-dealer with the U.S. Securities and Exchange Commission and as a futures commission merchant with the U.S. Commodity Futures Trading Commission.
4. IB UK and IB LLC are parties to an Execution and Clearing Agreement pursuant to which IB LLC performs certain services with respect to IB UK Customers, IB UK Accounts and IB UK Transactions ("Execution and Clearing Agreement"). The Execution and Clearing Agreement permits IB LLC to satisfy its obligations thereunder by using the services of other affiliates of IB UK ("IB UK Affiliates") or unaffiliated third parties. By executing an IB UK Customer Agreement, an IB UK Customer enters into a contractual relationship with IB UK and, for the limited purposes stated therein, with IB LLC. The relationships between IB UK Customers and IB UK and between IB UK Customers and IB LLC are not altered by the Execution and Clearing Agreement.

5. This Notice is intended to be a general disclosure of the relationship between IB UK and IB LLC, not a definitive enumeration of each and every service that may be performed by IB LLC with respect to IB UK Customers, IB UK Accounts and/or IB UK Transactions. Such services may include the performance of any or all of IB UK's responsibilities under the terms and conditions of the IB UK Customer Agreement, although nothing in this Notice obligates IB LLC or other IB UK Affiliates to perform such services. The relationship between IB UK and IB LLC or other IB UK Affiliates may change from time to time.
6. IB UK generally shall be responsible for the following:
- Obtaining and verifying new IB UK Customer and IB UK Account information and documentation and opening and closing IB UK Accounts.
 - Providing software or otherwise arranging for the transmission through the IB system of orders (and modifications and cancellations thereof) submitted by IB UK Customers for the specified securities, options, futures, currencies and other investment products that IB UK may make available from time to time for IB UK Customer trading and arranging for the execution and/or clearance of such orders.
 - Accepting instructions regarding voluntary corporate actions (e.g., tender or exchange offers) from IB UK Customers and transmitting them to IB LLC for processing. Neither IB UK nor IB LLC shall be responsible for providing IB UK Customers with notice of voluntary corporate actions.
 - Determining the commissions and other fees charged to IB UK Customers. Commission and fee payments owed by IB UK Customers may be shared and allocated between IB UK and IB LLC as IB UK and IB LLC agree from time to time.
7. IB LLC generally shall be responsible for the following:
- Accepting IB UK Customer orders (and modifications and cancellations thereof) and transmitting them for execution on various exchanges through IB LLC, IB UK, another Interactive Brokers Group affiliate or a third party intermediate broker. Pursuant to the IB UK Customer Agreement, IB UK and IB LLC reserve the right to reject any IB UK Customer order that may be transmitted to either of them for execution and/or clearing.
 - In the case of any IB UK Account for which IB UK has agreed to provide clearing services for the Customer, acting as a self-clearing broker for the Customer's orders or arranging for the clearing and settlement of the Customer's executed transactions by IB UK, IB LLC another IB UK Affiliate or a third party. IB UK Customers that hold IB UK accounts for which IB UK acts only as an executing broker are required to be either a self-clearing exchange member or a client of an exchange clearing member. The exchange-executed trades of such IB UK Customers are taken up for clearing and settlement by the IB UK Customers' respective clearing brokers.
 - Performing certain cashing, client money and custody services for IB UK Customers, IB UK Accounts and IB UK Transactions. Such services include, without limitation: (1) accepting and holding all money submitted to fund IB UK Accounts (including, without limitation, funds submitted for the purpose of satisfying IB UK's initial and maintenance margin requirements [collectively, "Margin Requirements"]); (2) receiving, delivering and transferring securities purchased and sold, borrowed and loaned and receiving and distributing payment therefor; (3) holding in custody and safekeeping all securities and payments so received (provided that, with respect to securities, such securities are delivered via the book entry system of a clearing organization acceptable to IB UK); (4) paying and charging interest on IB UK Accounts; (5) receiving and distributing dividends and other distributions; (6) processing securities as a result of corporate actions; (7) transferring funds to Customers; and (8) as set forth in the IB UK Customer Agreement, effectuating the liquidation of IB UK Customer positions or assets.
 - Extending credit to IB UK Customers, including complying with the Margin Requirements of IB UK and any relevant regulatory, self-regulatory or governmental body; and effecting stock loan and borrowing transactions in accordance with applicable law.
 - Performing certain collection services with respect to IB UK Accounts, including the collection of all commissions and fees and other monies or assets due from IB UK Customers under the terms of the IB UK Customer Agreement.
 - Performing certain back-office and record keeping and reporting functions with respect to IB UK Accounts, including the preparation of confirmations (contract notes) and account statements for IB UK Transactions, distributing such confirmations and account statements directly to IB UK Customers, maintaining books and records of all IB UK Transactions, and reporting such information as may be required by relevant regulatory or self-regulatory organizations or applicable law.
 - Performing technical services related to the IB Trader Workstation, the IB System, or certain computer hardware or software related thereto.
8. IB UK requires IB UK Customers to remit all funds related to their IB UK Transactions or to their IB UK Accounts, or otherwise tendered pursuant to the IB UK Customer Agreement, either: (a) directly to IB LLC or (b) to a designated financial institution with which IB LLC maintains a customer account. Funds maintained by IB LLC are maintained in customer accounts that are held in the name of IB LLC and are located outside of the U.K.
9. IB UK and IB LLC share responsibility for the provision of certain portions of the IB UK website and for the provision of customer service facilities. IB UK has ultimate responsibility for responding to customer complaints regarding any IB UK Transaction or any IB UK Account, but IB LLC is authorized to accept, process and respond to such complaints.
10. IB UK and IB LLC are authorized to disclose information or documentation relating to IB UK Customers or IB UK Accounts and IB UK Transactions to each other and to their respective affiliates. IB UK, IB LLC and their affiliates are authorized to use, store, or process personal information provided by IB UK customers (or their employees, agents or representatives) or otherwise acquired from them as set forth in the IB UK Customer Agreement.
11. IB LLC does not control, audit or supervise the activities of IB UK or its registered representatives, nor does it verify any information provided by IB UK regarding any IB UK Customers, orders, Transactions, or Accounts.

Interactive Brokers Customer Agreement

The Interactive Brokers U.K. Customer Agreement governs the relationship between Customer and Interactive Brokers and sets forth the terms and conditions governing Customer's IB account. The Customer Agreement has been provided separately to Customer as part of a package of documents labeled: ***Interactive Brokers U.K. Agreements and Disclosure Documents***.

Customer must read the IB Customer Agreement in its entirety. Below are certain essential terms of the Agreement that Customer must understand:

- Customer is obligated to accept all executions that are consistent with the instructions contained in Customer's orders.
- IB's systems are computer-based and any computer-based system may fail at one time or another, often by reason of forces beyond human control. IB is not liable for system or network failures, and Customers who require the highest level of reliability agree to maintain alternate trading facilities.
- Customers are responsible for protecting the secrecy of their usernames and passwords, and they will be responsible for trades entered by third parties using their usernames and passwords.
- In the event trades are confirmed by IB as executed, and they are later cancelled by an exchange, trading network or regulatory authority, the IB confirmed trade will also be deemed cancelled.

5. IB submits all orders for execution in the order in which it receives them, including all orders submitted by IB or its affiliates.
6. IB is not responsible for the execution of orders at limit prices if the order's transmission is delayed or is otherwise affected by data communication failure.
7. IB does not provide trading, investment or tax advice, and Customers shall not rely on statements by IB employees which purport to provide such advice.
8. IB does not make margin calls, and IB maintains the right to immediately close out positions, without notice or liability, in any account that does not have sufficient funds to meet the margin requirements imposed by IB or regulatory authorities.
9. IB customers are responsible to IB for the continued accuracy and updating of all information provided to IB.

Commodity Futures Trading Commission Risk Disclosure Statement

Interactive Brokers provides you the following disclosure document in the event that you and your advisor choose to trade futures or options on futures in your Interactive Brokers account. Please read and sign the following document.

Risk Disclosure Statement for Futures and Options

This brief statement does not disclose all of the risks and other significant aspects of trading in futures and options. In light of the risks, you should undertake such transactions only if you understand the nature of the contracts (and contractual relationships) into which you are entering and the extent of your exposure to risk. Trading in futures and options is not suitable for many members of the public. You should carefully consider whether trading is appropriate for you in light of your experience, objectives, financial resources and other relevant circumstances.

Futures

1. Effect of "Leverage" or "Gearing"

Transactions in futures carry a high degree of risk. The amount of initial margin is small relative to the value of the futures contract so that transactions are 'leveraged' or 'geared'. A relatively small market movement will have a proportionately larger impact on the funds you have deposited or will have to deposit: this may work against you as well as for you. You may sustain a total loss of initial margin funds and any additional funds deposited with the firm to maintain your position. If the market moves against your position or market levels are increased, you may be called upon to pay substantial additional funds on short notice to maintain your position. If you fail to comply with a request for additional funds within the time prescribed, your position may be liquidated at a loss and you will be liable for any resulting deficit.

2. Risk-reducing orders or strategies

The placing of certain orders (e.g. 'stop-loss' orders, where permitted under local law, or 'stop-limit' orders) which are intended to limit losses to certain amount may not be effective because market conditions may make it impossible to execute such orders. Strategies using combinations of positions, such as 'spread' and 'straddle' positions may be as risky as taking simple 'long' or 'short' positions.

Options

3. Variable degree of risk

Transactions in options carry a high degree of risk. Purchasers and sellers of options should familiarize themselves with the type of option (i.e. put or call) which they contemplate trading and the associated risks. You should calculate the extent to which the value of the options must increase for your position to become profitable, taking into account the premium and all transaction costs.

The purchaser of options may offset or exercise the options or allow the options to expire. The exercise of an option results either in a cash settlement or in the purchaser acquiring or delivering the underlying interest. If the option is on a future, the purchaser will acquire a futures position with associated liabilities for margin (see the section on Futures above). If the purchased options expire worthless, you will suffer a total loss of your investment which will consist of the option premium plus transaction costs. If you are contemplating purchasing deep-out-of-the-money options, you should be aware that the chance of such options becoming profitable ordinarily is remote.

Selling ('writing' or 'granting') an option generally entails considerably greater risk than purchasing options. Although the premium received by the seller is fixed, the seller may sustain a loss well in excess of that amount. The seller will be liable for additional margin to maintain the position if the market moves unfavorably. The seller will also be exposed to the risk of the purchaser exercising the option and the seller will be obligated to either settle the option in cash or to acquire or deliver the underlying interest. If the option is on a future, the seller will acquire a position in a future with associated liabilities for margin (see the section on Futures above). If the option is 'covered' by the seller holding a corresponding position in the underlying interest or a future or another option, the risk may be reduced. If the option is not covered, the risk of loss can be unlimited.

Certain exchanges in some jurisdictions permit deferred payment of the option premium, exposing the purchaser to liability for margin payments not exceeding the amount of the premium. The purchaser is still subject to the risk of losing the premium and transaction costs. When the option is exercised expires, the purchaser is responsible for any unpaid premium outstanding at that time.

Additional risks common to futures and options.

4. Terms and conditions of contracts

You should ask the firm with which you deal about the terms and conditions of the specific futures or options which you are trading and associated obligations (e.g. the circumstances under which you may become obligated to make or take delivery of the underlying interest of a futures contract and, in respect of options, expiration dates and restrictions on the time for exercise). Under certain circumstances the specifications of outstanding contracts (including the exercise price of an option) may be modified by the exchange or clearing house to reflect changes in the underlying interest.

5. Suspension or restriction of trading and pricing relationships

Market conditions (e.g. illiquidity) and/or the operation of the rules of certain markets (e.g. the suspension of trading in any contract or contract month because of price limits or "circuit breakers") may increase the risk of loss by making it difficult or impossible to effect transactions or liquidate/offset positions. If you have sold options, this may increase the risk of loss.

Further, normal pricing relationships between the underlying interest and the future, and the underlying interest and the option may not exist. This can occur when, for example, the futures contract underlying the option is subject to price limits while the option is not. The absence of an underlying reference price may make it difficult to judge "fair" value.

6. Deposited cash and property

You should familiarize yourself with the protections accorded money or other property you deposit for domestic and foreign transactions, particularly in the event of a firm insolvency or bankruptcy. The extent to which you may recover your money or property may be governed by specific legislation or local rules. In some jurisdictions, property which had been specifically identifiable as your own will be pro-rated in the same manner as cash for purposes or distribution in the event of a shortfall.

7. Commission and other charges

Before you begin to trade, you should obtain a clear explanation of all commission, fees and other charges for which you will be liable. These charges will affect your net profit (if any) or increase your loss.

8. Transactions in other jurisdictions

Transactions on markets in other jurisdictions, including markets formally linked to a domestic market, may expose you to additional risk. Such markets may be subject to regulation which may offer different or diminished investor protection. Before you trade you should inquire about any rules relevant to your particular transactions. Your local regulatory authority will be unable to compel the enforcement of the rules of regulatory authorities or markets in other jurisdictions where your transactions have been effected. You should ask the firm with which you deal for details about the types of redress available in both your home jurisdiction and other relevant jurisdictions before you start to trade.

9. Currency risks

The profit or loss in transactions in foreign currency-denominated contracts (whether they are traded in your own or another jurisdiction) will be affected by fluctuations in currency rates where there is a need to convert from the currency denomination of the contract to another currency.

10. Trading facilities

Most open-outcry and electronic trading facilities are supported by computer-based component systems for the order-routing, execution, matching, registration or clearing of trades. As with all facilities and systems, they are vulnerable to temporary disruption or failure. Your ability to recover certain losses may be subject to limits on liability imposed by the system provider, the market, the clearing house and/or member firms. Such limits may vary: you should ask the firm with which you deal for details in this respect.

11. Electronic trading

Trading on an electronic trading system may differ not only from trading in an open-outcry market but also from trading on other electronic trading systems. If you undertake transactions on an electronic trading system, you will be exposed to risks associated with the system including the failure of hardware and software. The result of any system failure may be that your order is either not executed according to your instructions or is not executed at all.

12. Off-exchange transactions

In some jurisdictions, and only then in restricted circumstances, firms are permitted to effect off-exchange transactions. The firm with which you deal may be acting as your counterparty to the transaction. It may be difficult or impossible to liquidate an existing position, to assess the value, to determine a fair price or to assess the exposure to risk. For these reasons, these transactions may involve increased risks. Off-exchange transactions may be less regulated or subject to a separate regulatory regime. Before you undertake such transactions, you should familiarize yourself with applicable rules and attendant risks.

I hereby acknowledge that I have received and understood this risk disclosure statement:

Signature of Account Holder	Signature of Joint Account Holder
Date	Date

Arbitration Provisions

Any controversy or claim between IB UK or any of its respective directors, officers, shareholders, employees, associates or agents, on the one hand, and Customer or, if applicable, Customer's directors, officers, shareholders, employees, associates, agents, or trustees, on the other hand, arising out of, or relating to, this Agreement, any other Agreement between Customer and IB UK, any Transaction under such agreements, or any of Customer's accounts, may be settled by arbitration, in accordance with the rules then prevailing of any one of the following arbitration schemes, as Customer may elect and to the extent that the claim or controversy properly falls within the scope of the arbitration scheme:

- (1) If the dispute involves a Transaction in a security, option to purchase or sell a security, or an option on a securities index that is traded on a U.S. exchange, the arbitration schemes of: (a) The American Arbitration Association; (b) The New York Stock Exchange; (c) if the dispute involves IB LLC, any exchange of which IB LLC is a member, or (d) the NASD;
- (2) If the dispute involves a Transaction in a futures contract or an option on a futures contract that is traded on a U.S. exchange, any one of three or more "qualified forums" provided by IB UK. A "qualified forum" is an organization whose procedures for conducting arbitration comply with the requirements of CFTC Rules;
- (3) In any other type of dispute, the arbitration schemes of: (a) The American Arbitration Association; (b) any exchange of which IB UK is a member; or (c) a securities or futures association, as applicable; or
- (4) In all cases, the FSA's Consumer Arbitration Scheme or any other arbitration forum that IB UK may suggest. Customer may obtain information regarding the FSA's Consumer Arbitration Scheme by requesting such information via an e-mail addressed to the IB Customer Service Department at help@interactivebrokers.com, specifying "Attn: IB UK Compliance Director" in the subject heading.

Futures Trading Arbitration Agreement for Disputes Between Customer and Interactive Brokers LLC

If you trade **stocks or stock options** in your IB account, you will be covered by a mandatory arbitration agreement, which states that any disputes with Interactive Brokers LLC will be resolved through arbitration. The following optional arbitration agreement covers disputes between Customer and Interactive Brokers LLC regarding **trading in futures or options on futures**, in the event that you and your advisor choose to trade these investment products in your account. You are not required to sign the Futures Trading Arbitration Agreement below, but if you do not sign it your account will be restricted to a one contract trading limit.

Futures Trading Arbitration Agreement: Any controversy or claim between Interactive Brokers LLC ("IB") and the undersigned ("Customer") arising out of or relating to Customer's Account with IB, to transactions between IB and Customer, to the Customer Agreement with IB or any other agreement between IB and Customer, or to the breach of any such transaction or agreement shall, except as provided below, be resolved by arbitration before a forum chosen in accordance with the procedure set out below. If, by reason of any applicable statute, regulation, exchange rule or otherwise, Customer's advance agreement to submit a controversy to arbitration would not be enforceable by IB, this provision shall not permit Customer to enforce IB's advance agreement to submit to arbitration. Any award rendered in any arbitration conducted pursuant to this agreement

shall be final, binding and enforceable in accordance with the laws of the State of Connecticut and judgment may be entered on any such award by any court having jurisdiction thereof.

At such time as Customer notifies IB that Customer intends to submit a claim to arbitration, or at such time as IB notifies Customer that IB intends to submit a claim to arbitration, Customer will have the opportunity to choose a forum from a list of three or more qualified forums provided by IB. A "qualified forum" is an organization whose procedures for conducting arbitrations comply with the requirements of the Commodity Futures Trading Commission ("CFTC") Rule 166.5.

As required by CFTC Rule 166.5, IB will pay any incremental fees which may be assessed by a qualified forum for provision of a mixed arbitration panel, unless the arbitrators hearing the controversy determine that Customer has acted in bad faith in initiating or conducting the arbitration. A "mixed arbitration panel" is an arbitration panel composed of one or more persons, a majority of whom are not members or associated with a member of a contract market or employee thereof, and who are not otherwise associated with a contract market.

In connection with this Arbitration Agreement, IB is required to furnish to you the following statement, pursuant to Rule 166.5 of the CFTC:

THREE FORUMS EXIST FOR THE RESOLUTION OF COMMODITY DISPUTES: CIVIL COURT LITIGATION, REPARATIONS AT THE COMMODITY FUTURES TRADING COMMISSION ("CFTC"), AND ARBITRATION CONDUCTED BY A SELF-REGULATORY OR OTHER PRIVATE ORGANIZATION.

THE CFTC RECOGNIZES THAT THE OPPORTUNITY TO SETTLE DISPUTES BY ARBITRATION MAY IN SOME CASES PROVIDE MANY BENEFITS TO CUSTOMERS, INCLUDING THE ABILITY TO OBTAIN AN EXPEDITIOUS AND FINAL RESOLUTION OF DISPUTES WITHOUT INCURRING SUBSTANTIAL COSTS. THE CFTC REQUIRES, HOWEVER, THAT EACH CUSTOMER INDIVIDUALLY EXAMINE THE RELATIVE MERITS OF ARBITRATION AND THAT YOUR CONSENT TO THIS ARBITRATION AGREEMENT BE VOLUNTARY.

BY SIGNING THIS AGREEMENT, YOU: (1) MAY BE WAIVING YOUR RIGHT TO SUE IN A COURT OF LAW; AND (2) ARE AGREEING TO BE BOUND BY ARBITRATION OF ANY CLAIMS OR COUNTERCLAIMS WHICH YOU OR IB MAY SUBMIT TO ARBITRATION UNDER THIS AGREEMENT. YOU ARE NOT, HOWEVER, WAIVING YOUR RIGHT TO ELECT INSTEAD TO PETITION THE CFTC TO INSTITUTE REPARATIONS PROCEEDINGS UNDER SECTION 14 OF THE COMMODITY EXCHANGE ACT WITH RESPECT TO ANY DISPUTE WHICH MAY BE ARBITRATED PURSUANT TO THIS AGREEMENT. IN THE EVENT A DISPUTE ARISES, YOU WILL BE NOTIFIED IF IB INTENDS TO SUBMIT THE DISPUTE TO ARBITRATION. IF YOU BELIEVE A VIOLATION OF THE COMMODITY EXCHANGE ACT IS INVOLVED AND IF YOU PREFER TO REQUEST A SECTION 14 "REPARATIONS" PROCEEDING BEFORE THE CFTC, YOU WILL HAVE 45 DAYS FROM THE DATE OF SUCH NOTICE IN WHICH TO MAKE THAT ELECTION. YOU NEED NOT SIGN THIS AGREEMENT TO OPEN OR MAINTAIN AN ACCOUNT WITH IB. SEE 17 CFR 166.5.

I hereby acknowledge that I have read and understood and that I agree to the Futures Trading Arbitration Agreement:

Signature of Account Holder	Signature of Joint Account Holder
Date	Date

Discretionary Trading Authorization/Power of Attorney for Financial Advisor and Request to Send Trade Confirmations and Account Statements to Advisor

You are appointing a financial advisor ("Advisor"), chosen by you, to manage your Interactive Brokers account. The designated Advisor will be able to execute trades, deposit and withdraw money to and from your account (all withdrawals must be in your name), request information, receive account statements and confirmations, change certain of your customer information, and generally manage your Interactive Brokers account as specified below:

General:

The terms and conditions of this Authorization are in addition to the provisions of all other agreements between Interactive Brokers LLC, Interactive Brokers (U.K.) Ltd. and Customer or Advisor. The agreements applicable to Customer's account(s) will govern all orders and transactions, and Advisor is bound by all terms of those agreements.

Request to Deduct Advisory Fees if Applicable:

Customer requests and authorizes IB to deduct from Customer's IB account Advisory Fees and to disburse those Fees directly to the Advisor, based on the fee arrangement that Customer has agreed upon with the Advisor ("Fees") and specified to IB. If the Advisor bills Customer directly for Fees, or if Advisor does not charge Customer a Fee for Advisory services, Customer will specify that to IB.

Request to Send Confirmations and Statements to Advisor:

Customer requests that IB send all trade confirmations and account statements directly to Advisor and not to Customer directly. If Customer changes this instruction and decides that confirmations and account statements should be sent directly to Customer, Customer agrees to contact IB Customer Service at help@interactivebrokers.com or by calling the toll free Customer Service number listed on IB's website at www.interactivebrokers.com or www.interactivebrokers.co.uk or www.interactivebrokers.ca. Upon Customer's request, IB will provide Customer with a username and password so that Customer may view account statements online at the IB website.

Advisor's Authority:

This agreement authorizes Interactive Brokers to accept the instructions of the Advisor on behalf of the Customer. This authorization will be applicable to all assets Customer holds in all Interactive Brokers accounts for which Advisor has been designated. Customer hereby authorizes Advisor to inquire in, trade, buy, sell (including short sales), exchange, convert, tender, trade, or otherwise acquire or dispose of stocks, bonds, options securities, futures, security futures, foreign exchange and any other investments, on margin or otherwise, for and at the risk of the Customer. Customer understands that a commission will be charged to the account each time a trade is effected.

The Advisor is also permitted to arrange for the deposit of funds and assets to the Customer's account(s) and to redeem or withdraw funds or assets from the Customer's account (including the delivery of securities from the account), for the benefit of the Customer, regardless of the tax consequences. The Advisor may initiate transfers (including inter-broker transfers), rollovers, Roth IRA conversions, IRA recharacterizations or other transfers of assets between and among Customer accounts. Customer authorizes Interactive Brokers, acting on Advisor's instructions, to aggregate transaction orders for Customer's account(s) with orders for one or more other accounts over which Advisor has trading authority. The Advisor is authorized to receive all information regarding the account(s) and to receive account statements, confirmations and tax information. The Advisor is authorized to add, delete or change Customer or account information.

Interactive Brokers is authorized, but not required to, conduct further inquiry or seek authorization from the Customer or further clarification from Advisor or Customer regarding any instruction from Advisor for Customer's account(s). Interactive Brokers reserves the right, in its sole discretion, to refuse to honor particular instructions from Advisor, or to no longer honor instructions from Advisor. Customer and Advisor acknowledge that all information provided by either of them on this form, or otherwise provided to Interactive Brokers in the application process, is subject to verification, and Customer and Advisor authorize Interactive Brokers to verify all information through the use of credit agencies or any other customary or reasonable means. Advisor will provide promptly any information reasonably requested by Interactive Brokers concerning the management of the account(s) or compliance with this Authorization. This provision shall not be read to imply that Interactive Brokers has any duty to supervise or monitor Advisor's management of Customer's account(s) or compliance with applicable law.

Not a Substitute for Advisory Agreement:

Customer and Advisor acknowledge that this Authorization merely authorizes Advisor to conduct certain activities with respect to Customer's account and is not a substitute for an Advisory Agreement and is not designed to satisfy any regulatory obligations applicable to Advisor to enter such agreement.

Role of Interactive Brokers – Disclaimer and Waiver of Liability:

ADVISOR WAS SELECTED SOLELY BY CUSTOMER AND HAS NOT BEEN RECOMMENDED OR ENDORSED BY IB. ADVISOR IS NOT EMPLOYED BY OR REGISTERED OR ASSOCIATED WITH IB. IB WILL NOT INVESTIGATE OR JUDGE THE COMPETENCE OR INTEGRITY OF THE ADVISOR OR MONITOR THE ACTIONS OF THE ADVISOR. IB WILL NOT REVIEW THE ADVISOR'S RECOMMENDATIONS OR JUDGE THE SUITABILITY OF ANY TRADING OR INVESTMENT RECOMMENDATION OR DECISION OF ADVISOR OR CUSTOMER. IB DOES NOT PROVIDE ADVISORY SERVICES TO IB CUSTOMERS AND WILL NOT PROVIDE INVESTMENT OR TRADING OR TAX ADVICE REGARDING THE ACCOUNT.

Advisor's Compliance with State, Federal or Non-U.S. Law:

Advisor will comply with all applicable state and federal securities laws and regulations, including the Investment Advisors Act of 1940, the Commodity Exchange Act and comparable state laws, and will comply with any applicable laws of Non-U.S. jurisdictions (hereinafter "Applicable Laws and Regulations"). Interactive Brokers assumes no responsibility for determining if Advisor is complying with Applicable Laws and Regulations regarding its provision of advisory services. CUSTOMER ACKNOWLEDGES THAT IB IS NOT RESPONSIBLE FOR DETERMINING WHETHER ADVISOR IS REQUIRED TO BE REGISTERED OR LICENSED OR WHETHER ADVISOR IS EXEMPT FROM REGISTRATION OR LICENSING. THIS IS SOLELY THE RESPONSIBILITY OF ADVISOR. IF CUSTOMER HAS QUESTIONS ABOUT THIS, CUSTOMER MUST CONTACT ADVISOR FOR FURTHER INFORMATION.

Termination:

Customer and/or Advisor agree(s) to notify Interactive Brokers immediately, in writing, if Customer or Advisor terminates, modifies or revokes this Authorization. Advisor agrees to notify Interactive Brokers immediately, in writing, if Customer dies or becomes incapacitated such that this Authorization would be rendered void. This Authorization shall remain in effect until Interactive Brokers receives written notice of its termination and has had sufficient time to process such notice and terminate Advisor's authority.

Indemnification of Interactive Brokers by Customer:

Customer agrees to indemnify and hold Interactive Brokers, and its affiliates, and its and their successors and assigns, and its and their directors, officers, employees and Advisors harmless from and against all claims, actions, costs and liabilities, including attorney's fees, arising out of or relating to their reliance on this Authorization or their execution of any of Advisor's instructions. Customer agrees that since Interactive Brokers will not supervise or monitor Advisor's trading decisions or other activities, Customer will not attempt to hold Interactive Brokers liable for any trade or decision or action of Advisor. Interactive Brokers' rights under this paragraph are in addition to any other rights it has under other agreements with Customer and/or Advisor.

Indemnification of Interactive Brokers by Advisor:

Advisor agrees to indemnify and hold Interactive Brokers, and its affiliates, and its and their successors and assigns, and its and their directors, officers, employees and Advisors harmless from and against all claims, actions, costs and liabilities, including attorney's fees, arising out of or relating to any breach by Advisor of any provision of this Agreement or other Agreements with Interactive Brokers and/or Customer; the performance or non-performance of the Advisor's services; any trade or action of Advisor in Customer's account(s); and any dispute involving Advisor and Customer. Interactive Brokers' rights under this paragraph are in addition to any other rights it has under other agreements with Customer and/or Advisor.

Customer's Representations and Acknowledgments:

- A. Customer has granted to Advisor the full discretion to direct the trading in the account(s) on Customer's behalf and Customer will not have access to IB's electronic systems for placing orders for the account. Only the Advisor will be able to use the IB Trader Workstation to conduct trading in the account.
- B. If Customer terminates the relationship with Advisor or for any other reason wishes to terminate Advisor's access to the account(s), or if Customer wishes to direct the trading in Customer's account, or if Customer wishes to use advisory services of another Advisor, Customer will contact IB immediately by email to help@interactivebrokers.com or by calling the toll free Customer Service number listed on IB's website at www.interactivebrokers.com or www.interactivebrokers.co.uk or www.interactivebrokers.ca.
- C. Because Customer has instructed IB to send all confirmations and account statements directly to Advisor, Customer will rely on Advisor for information regarding Customer's account. If Customer has any questions or concerns regarding the account, Customer will contact IB Customer

Service at help@interactivebrokers.com or by calling the toll free Customer Service number listed on IB's website at www.interactivebrokers.com or www.interactivebrokers.co.uk or www.interactivebrokers.ca.

D. Depending on the equity in Customer's account, deduction of Advisory Fees in an IB margin account may cause the account to incur margin interest. Furthermore, if deduction of Advisory Fees would cause the account to have insufficient equity to cover margin requirements or to satisfy any other obligation to IB, IB may, at its sole discretion: (1) deduct the Fees and exercise any of its rights and remedies under the IB Customer Agreement, including liquidating positions in the account without prior notice in order to satisfy margin requirements or obligations; and/or (2) decline to deduct the Fees, in which case Customer will be liable to pay such Fees to Advisor directly.

E. All claims, questions or disputes regarding IB's provision of brokerage services or regarding IB's execution of particular trades must be referred to IB. Advisor has no authority to resolve such claims or disputes on IB's behalf.

F. **ALL CLAIMS OR DISPUTES REGARDING ADVISOR'S SERVICES OR ACTIONS (INCLUDING SPECIFIC CONDUCT, ADVICE, RECOMMENDATIONS, OR TRADES PLACED BY ADVISOR OR FEES OWED) ARE SOLELY BETWEEN CUSTOMER AND ADVISOR. IB IS NOT LIABLE FOR ANY SUCH CLAIMS AND DISPUTES AND CUSTOMER UNDERSTANDS AND FULLY ACKNOWLEDGES THAT CUSTOMER CANNOT BRING A CLAIM AGAINST IB OR RECEIVE DAMAGES OR COMPENSATION OF ANY KIND FROM IB, INCLUDING CLAIMS FOR DIRECT, INDIRECT, COMPENSATORY, INCIDENTAL, SPECIAL, EXEMPLARY, PUNITIVE OR CONSEQUENTIAL DAMAGES. ALL CLAIMS OR DISPUTES REGARDING THE FEES OWED TO ADVISOR ARE SOLELY BETWEEN CUSTOMER AND ADVISOR. IF CUSTOMER DISPUTES ADVISOR'S RECEIPT OF ANY FEES THAT IB HAS DEDUCTED FROM THE ACCOUNT AND SENT TO ADVISOR, CUSTOMER UNDERSTANDS THAT CUSTOMER'S SOLE REMEDY IS AGAINST ADVISOR AND CUSTOMER AGREES NOT TO BRING ANY CLAIM AGAINST IB.**

G. **Arbitration: The agreements between Customer and Interactive Brokers (which are also binding on Advisor) contain mandatory arbitration clauses requiring all parties to arbitrate any disputes regarding securities trading. The agreements may also contain arbitration provisions regarding futures trading. All applicable arbitration clauses are incorporated herein by reference.**

Signature

- **CUSTOMER REPRESENTS THAT CUSTOMER HAS RECEIVED THE PACKAGE OF DOCUMENTS TITLED "INTERACTIVE BROKERS U.K. AGREEMENTS AND DISCLOSURE DOCUMENTS" AND HAS READ AND UNDERSTOOD AND INTENDS TO BE BOUND BY THE INTERACTIVE BROKERS CUSTOMER AGREEMENT AND ALL OF THE PROVIDED DISCLOSURE DOCUMENTS.**
- **CUSTOMER REPRESENTS THAT CUSTOMER HAS READ AND UNDERSTOOD AND INTENDS TO BE BOUND BY THE ABOVE "DISCRETIONARY TRADING AUTHORIZATION/POWER OF ATTORNEY FOR FINANCIAL ADVISOR AND REQUEST TO SEND TRADE CONFIRMATIONS AND ACCOUNT STATEMENTS TO ADVISOR"**
- **CUSTOMER REPRESENTS THAT ALL INFORMATION PROVIDED DURING THE ACCOUNT APPLICATION PROCESS IS TRUE AND CORRECT AND AGREES TO NOTIFY INTERACTIVE BROKERS OF ANY MATERIAL CHANGES IN THAT INFORMATION.**
- **U.S. TAX CERTIFICATION: UNDER PENALTIES OF PERJURY I DECLARE THAT:**
 - A. **IF I HAVE PROVIDED A U.S. TAXPAYER ID NUMBER (W9): 1) THE NUMBER PROVIDED IN THIS APPLICATION IS MY CORRECT TAXPAYER IDENTIFICATION NUMBER (OR I AM WAITING FOR A NUMBER TO BE ISSUED TO ME); AND 2) I AM NOT SUBJECT TO BACKUP WITHHOLDING BECAUSE: (A) I AM EXEMPT FROM BACKUP WITHHOLDING, OR (B) I HAVE NOT BEEN NOTIFIED BY THE INTERNAL REVENUE SERVICE (IRS) THAT I AM SUBJECT TO BACKUP WITHHOLDING AS A RESULT OF A FAILURE TO REPORT ALL INTEREST OR DIVIDENDS, OR (C) THE IRS HAS NOTIFIED ME THAT I AM NO LONGER SUBJECT TO BACKUP WITHHOLDING.**
 - B. **IF I HAVE NOT PROVIDED A U.S. TAXPAYER ID NUMBER (W8BEN): 1) I AM THE BENEFICIAL OWNER (OR AM AUTHORIZED TO SIGN FOR THE BENEFICIAL OWNER) OF ALL THE INCOME TO WHICH THIS FORM RELATES); 2) THE BENEFICIAL OWNER IS NOT A U.S. PERSON; 3) THE INCOME TO WHICH THIS FORM RELATES IS NOT EFFECTIVELY CONNECTED WITH THE CONDUCT OF A TRADE OR BUSINESS IN THE UNITED STATES OR IS EFFECTIVELY CONNECTED BUT IS NOT SUBJECT TO TAX UNDER AN INCOME TAX TREATY; AND 4) FOR BROKER TRANSACTIONS OR BARTER EXCHANGES, THE BENEFICIAL OWNER IS AN EXEMPT FOREIGN PERSON AS DEFINED IN THE INSTRUCTIONS. FURTHERMORE, I AUTHORIZE THIS FORM TO BE PROVIDED TO ANY WITHHOLDING AGENT THAT HAS CONTROL, RECEIPT, OR CUSTODY OF THE INCOME OF WHICH I AM THE BENEFICIAL OWNER OR ANY WITHHOLDING AGENT THAT CAN DISBURSE OR MAKE PAYMENTS OF THE INCOME OF WHICH I AM THE BENEFICIAL OWNER.**

NOTE: THE INTERNAL REVENUE SERVICE DOES NOT REQUIRE YOUR CONSENT TO ANY PROVISIONS OF THIS DOCUMENT OTHER THAN THE CERTIFICATIONS REQUIRED TO ESTABLISH YOUR STATUS AS A NON-U.S. PERSON AND, IF APPLICABLE, OBTAIN A REDUCED RATE OF WITHHOLDING.

- **ACCOUNT TRANSFER: IF CUSTOMER HAS PROVIDED INFORMATION REQUESTING THAT ANOTHER BROKER TRANSFER ASSETS AND/OR CASH TO INTERACTIVE BROKERS, CUSTOMER HEREBY REQUESTS SUCH TRANSFER PURSUANT TO THE TERMS AND CONDITIONS SPECIFIED BELOW IN THE SECTION: "FUND YOUR ACCOUNT/TRANSFER FROM ANOTHER BROKER"**
- **THE INTERACTIVE BROKERS CUSTOMER AGREEMENT CONTAINS AN ARBITRATION CLAUSE REQUIRING BOTH PARTIES TO ARBITRATE ANY DISPUTES BETWEEN CUSTOMER AND INTERACTIVE BROKERS LLC REGARDING SECURITIES TRADING OR CUSTOMER'S SECURITIES ACCOUNT. CUSTOMER MUST BE AWARE THAT:**
 - **ARBITRATION IS FINAL AND BINDING ON THE PARTIES.**
 - **THE PARTIES ARE WAIVING THEIR RIGHT TO SEEK REMEDIES IN COURT, INCLUDING THE RIGHT TO JURY TRIAL.**
 - **PRE-ARBITRATION DISCOVERY IS GENERALLY MORE LIMITED THAN AND DIFFERENT FROM COURT PROCEEDINGS.**
 - **THE ARBITRATORS' AWARD IS NOT REQUIRED TO INCLUDE FACTUAL FINDINGS OR LEGAL REASONING AND ANY PARTY'S RIGHT TO APPEAL OR TO SEEK MODIFICATION OF RULINGS BY THE ARBITRATORS IS STRICTLY LIMITED.**
 - **THE PANEL OF ARBITRATORS WILL TYPICALLY INCLUDE A MINORITY OF ARBITRATORS WHO WERE OR ARE AFFILIATED WITH THE SECURITIES INDUSTRY.**

Signature of Account Holder	Signature of Joint Account Holder
Date	Date

IV. FUND YOUR ACCOUNT

Select funding method:

How do you wish to initially fund your account? (choose one)

- Check** (Cashiers, Bank and Teller checks accepted. Checks are only accepted for U.S. dollar currency deposits. Personal checks are held for 10 business days before funds are available for trading.)
- Free of Payment (FOP) Request**
- Wire Transfer**
- Account Transfer from Another Broker - ACATS** (ATON for Canadian Assets). Transfer of cash and securities positions from a third-party broker. Only transfers from a US or Canadian broker can be accepted (3 to 7 days for assets to arrive depending on the third-party broker). Please note, a number of brokers require a paper ACAT signature for transfer. If your broker is listed below, you must send a copy of the ACAT portion of your application directly to this broker.

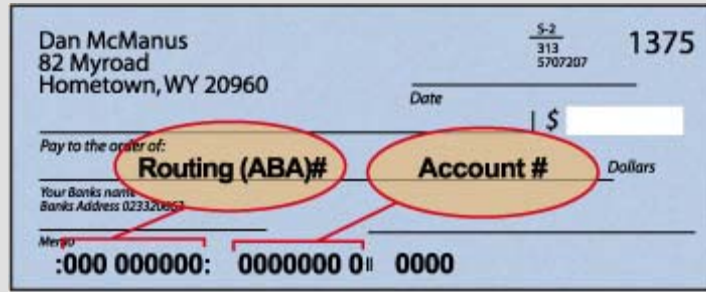
Firm Name	Documents Requested
Ameritrade Clearing	Partial ACAT
National Financial Services	Partial and full ACATs
Legent	Partial ACAT
Brown and Co	Partial ACAT
E*Trade	Partial ACAT
Southwest Securities	Partial ACAT
Computer Clearing Services	Partial ACAT
Fahnstock	Partial ACAT
Wachovia Securities, LLC	Partial and full ACATs
Salomon Smith Barney	Partial and full ACATs
Morgan Stanley Dean Witter	Partial and full ACATs

Complete only one of the below sections:

Check: Complete this section only if you want to initially fund your account with a check:	
Amount of check (check must be in U.S dollars)	Check Number (optional)
Bank Routing (ABA) Number on check:	Bank Account Number

Instructions for Check Deposits:

So that we may process your check as quickly as possible, please enter check information in the spaces provided above. If you are not sure what to enter, please see the example below:



Please make your check payable to "Interactive Brokers LLC" and make sure the names of all account holders are written on the check (use the Memo line if necessary).

Please enclose your check with this completed application. If you are faxing or e-mailing us your completed application and you want to mail the check separately, send it to:

Interactive Brokers
One Pickwick Plaza
Greenwich, CT 06830
Attn: IBCD

Free of Payment (FOP) Request: Complete this section only if you want to initially fund your account with a wire transfer:

This form authorizes the transfer of assets held at a third-party broker to be moved to Interactive Brokers.

You must contact your third-party broker to initiate the transfer. Your Account Name, Tax Identification Number, and Customer Type (i.e. individual, joint, Roth IRA) for your Interactive Brokers Account should match the third-party broker account in order for the transfer to take place. Please note that Interactive Brokers accepts only products that it makes available for trading. Certain products, such as Mutual Funds and Limited Partnership units cannot be held in your Interactive Brokers account.

Please Note: You should confirm with your sending broker their DTC Participant # so as not to delay the processing of your Free of Payment delivery.

Third-party Broker Account Name

Account Number:

Please specify stock positions to transfer:

Symbol:

Shares:

Signature of Account Holder	Date
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Wire Transfer: Complete this section only if you want to initially fund your account with a wire transfer:

Amount of wire transfer	Currency of wire transfer (for example: euros)
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Name of Sending Bank/Broker

Instructions for Wire Transfer:

You must notify your bank to send a wire. All incoming wires must have the account holder's name (both names if a joint account). Depending on your bank, please allow one to four business days for your funds to be received. For security reasons, incoming funds are held for ten business days before you can withdraw the funds.

Use the chart below to determine where to have your bank send the wire transfer, based on the currency of the funds being sent. For wires originating in the same country as the receiving bank listed below, please instruct your bank to send funds via the in-country payment system(s). For wires originating outside the country of the receiving bank, instruct your bank to send funds via SWIFT. Line 59 of the SWIFT message should include Interactive Brokers LLC Bank Account Number at Citibank and Line 70 of the SWIFT message should include your name (IB Account Holder's Name).

Currency	Receiving Bank Name and Address	Receiving Bank Codes	Receiving Bank Account Name and Number
If funds wired in U.S. Dollars:	Citibank, N.A. (New York Branch) 111 Wall Street New York, NY 10043 United States of America	ABA Number: 021000089 SWIFT BIC Code: CITI US 33	Interactive Brokers LLC Bank Account No. 40806826 For further credit to: [Insert All Account Holder Name(s)]
If funds wired in Australian Dollars:	Citibank Limited Citigroup Centre 2 Park Street Sydney, New South Wales (2000) Australia	BSB Code: 242-000 SWIFT BIC Code: CITI AU 2X	Interactive Brokers LLC Bank Account No. 121229005 For further credit to: [Insert All Account Holder Name(s)]
If funds wired in Canadian Dollars:	Citibank Canada 123 Front Street West 18 th Floor Toronto, Ontario M5J 2M3 Canada	SWIFT BIC Code: CITI CA TT	Interactive Brokers LLC Bank Account No. 2014459007 For further credit to: [Insert All Account Holder Name(s)]
If funds wired in Swiss Francs:	Citibank, N.A. (London Branch) Citibank House 336 Strand London WC2R 1HB United Kingdom	SIC Code: 89095 SWIFT BIC Code: CITI GB 2L	Interactive Brokers LLC Bank Account No. 10569674 Int'l Bank Acct No. (IBAN): GB35CITI18500810569674 For further credit to: [Insert All Account Holder Name(s)]
If funds wired in British Pounds:	Citibank, N.A. (London Branch) Citibank House 336 Strand London WC2R 1HB United Kingdom	Sort Code: 185008 SWIFT BIC Code: CITI GB 2L	Interactive Brokers LLC Bank Account No. 8774544 Int'l Bank Acct No. (IBAN): GB70CITI18500808774544 For further credit to: [Insert All Account Holder Name(s)]
If funds wired in Euros:	Citibank Aktiengesellschaft Neue Mainzer Strasse 75 Frankfurt, Hessen (60311) Germany	BLZ No.: 50210900 SWIFT BIC Code: CITI DE FF	Interactive Brokers LLC Bank Account No. 0119754038 Int'l Bank Acct No. (IBAN): DE21502109000119754038 For further credit to: [Insert All Account Holder Name(s)]
If funds wired in Hong Kong Dollars:	Citibank, N.A. (Hong Kong Branch) Citibank Tower 3 Garden Road, Central Hong Kong	CHATS Code: 006/391 SWIFT BIC Code: CITI HK HX	Interactive Brokers LLC Bank Account No. 17739993

			For further credit to: [Insert All Account Holder Name(s)]
If funds wired in Japanese Yen:	Citibank, N.A. (Tokyo Branch) Akasaka Park Bldg. 2-20 Akasaka 5-Chome Minato-ku Tokyo 107-6105 Japan	SWIFT BIC Code: CITI JP JT	Interactive Brokers LLC Bank Account No. 0159170403 For further credit to: [Insert All Account Holder Name(s)]
<p>Account Transfer from Another Brokerage Firm (ACATS/ATON): Complete this section only if you want to initially fund your account through a transfer of assets and/or cash from a U.S. securities broker (ACATS) or a Canadian securities broker (ATON):</p> <p>Please note: The Account Name, Tax Identification Number, and Account Type (i.e. individual, joint, Roth IRA) for your Interactive Brokers account must exactly match the brokerage account from which you are transferring assets in order for the transfer to take place.</p> <p>Also, please note that Interactive Brokers accepts transfers only of assets that IB makes available for trading. Certain products, such as mutual funds and limited partnership units cannot be transferred to or held in your Interactive Brokers account.</p>			
Name of brokerage firm that transfer is coming from		Account number of account being transferred	
Type of account being transferred (individual, joint, etc...)			
Do you have a margin loan in the account being transferred? <input type="checkbox"/> Yes <input type="checkbox"/> No		Do you have any short positions in the account being transferred? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Are there options positions in the account being transferred? <input type="checkbox"/> Yes <input type="checkbox"/> No		Are you transferring all assets from the account or just some assets? <input type="checkbox"/> Full Transfer <input type="checkbox"/> Partial Transfer	
<p>Instructions for Account Transfer from Another Broker:</p> <p>Customer requests that transferring broker transfer to Interactive Brokers the specified assets in the third-party brokerage account specified above. Customer understands that to the extent any assets are not readily transferable, with or without penalties; such assets may not be transferred within the time frames required by the NYSE Rule 412 or similar rule of NASD or other designated examining body. Unless otherwise indicated, customer authorizes the transferring broker to liquidate any non-transferable proprietary money market fund assets that are part of the account and to transfer the resulting credit balance to Interactive Brokers. Customer authorizes transferring broker to deduct any outstanding fees due from the credit balance in the account. If the account does not contain a credit balance, or if the credit balance is insufficient to satisfy any outstanding fees due, Customer authorizes transferring broker to liquidate the assets in the account necessary to satisfy any obligation.</p> <p>Full Transfer: If you are transferring ALL the assets from another brokerage account into your Interactive Brokers account (full transfer), you do <u>not</u> need to complete the form below.</p> <p>Partial Transfer: If you are transferring only SOME of the assets from another brokerage account into your Interactive Brokers account (partial transfer), you must list all: 1) stock; 2) options; and 3) cash that you want to transfer. Use the form below and attach additional pages if necessary.</p>			
<p>Partial Account Transfer Form (use only if you are opening your account by transferring only part of an account with another brokerage firm to Interactive Brokers). Use the lines below and attach additional pages if necessary:</p> <p style="text-align: center;">Positions:</p>			

Cash - ACATS are available for USD accounts only. ATONs are available for USD and CAD accounts
 Amount Positive Cash Balance or Margin Loan (choose one)?

Cash balance Margin Loan

If your broker requires a paper ACAT signature form for transfer, you must send a signed copy of the ACAT portion of your application to your broker.

Signature of Account Holder	Signature of Joint Account Holder
Date	Date

V. PROVIDE REQUIRED PROOF OF IDENTITY AND ADDRESS FOR ALL ACCOUNT HOLDERS

Regulations require Interactive Brokers to obtain documentation verifying the identity of each of its customers. For each account holder, we are required to obtain:

1. Proof of the customer's identity
2. A separate document showing proof of the customer's residential address (cannot be a P.O. Box).

Please submit a proof of identity document and a separate proof of address document for each account holder (two total documents for an individual account and four total documents for a joint account). Please make sure all documents are clear and readable. Please see instructions below:

	For this document category:	Please submit <u>one</u> of the following documents:	Additional Instructions
<input type="checkbox"/>	FOR EACH ACCOUNT HOLDER: PROOF OF ACCOUNT HOLDER'S IDENTITY AND DATE OF BIRTH	Passport; or	The document must be currently valid; signed; and include the person's full name, photograph and date of birth and the expiration date and the country or state of issuance.
		National Identity Card; or	
		Driver's License (allowed for U.K. residents only, non-U.K. applicants must provide passport or national identity card)	
<input type="checkbox"/>	FOR EACH ACCOUNT HOLDER: SEPARATE DOCUMENT AS PROOF OF ACCOUNT HOLDER'S RESIDENTIAL ADDRESS	Utility Bill; or	e.g. electricity, water, telephone, gas. The bill must be less than 6 months old and show the account holder's full name and address. Please note: Bills for cell phone service are not valid proof of address.
		Driver's License; or	Must show full name and current address. Driver's License if used as a proof of residency, cannot also be used as a Proof of Identity.
		Notarized Document; or	Must be less than 3 months old and show full name and currently valid address.
		Credit Card Statement ; or	Credit Card statement must be less than 6 weeks old and show full name and current address.
		Other Document; or	Any other recent document showing full name and current valid address.
		Bank Statement	Bank Statement must be less than 6 months old and show full name and current address.

VI. RETURN YOUR COMPLETED APPLICATION (ALONG WITH REQUIRED DOCUMENTS) TO YOUR ADVISOR OR TO INTERACTIVE BROKERS

Please complete all information required in this application, provide all required signatures for each account holder, and return the entire application to your Financial Advisor or directly to Interactive Brokers.

Please make sure to include your required proof of identity and address documents for each account holder. If your advisor has instructed you to send your application directly to Interactive Brokers, you may use any of the methods below:

<p>Scan and Email</p>	<p>newaccounts.uk@interactivebrokers.co.uk</p> <p>Please note: The scanning and emailing option is typically the most efficient method, and will make account review quicker. Please be aware of the following guidelines and limitations when sending us e-mails or scanned document attachments.</p> <ul style="list-style-type: none"> • Please send emails as text rather than HTML format. If possible, users of Microsoft Outlook emailer should disable RFT (rich-text format) encoding. • Only the following attachment types are accepted: .gif .tiff .tif .jpeg .jpg .png .bmp .pdf. • Please limit the size of attachment to 4MB. <p>Please limit the size of e-mail text to 2,000 characters. Emails longer than that will be truncated.</p>
<p>Courier/Overnight Service</p>	<p>Interactive Brokers (U.K.) Limited Attn: Document Processing Gotthardstrasse 3 6301 Zug Switzerland +41-41-726-9500</p>
<p>Fax</p>	<p>+(41-41) 726-9599</p> <p>Please note: Scanning and emailing required documents or sending documents by Courier/Overnight service are the best methods of sending documents. If you prefer to send documents via fax, please observe the following guidelines:</p> <ul style="list-style-type: none"> • Please enlarge documents to at least 125% of the normal size (up to 3/4 page-size) so we can read the document. • Please lighten the documents by one or two increments when copying or faxing. <p>As a general rule, before faxing, please make sure that all text is large and clear, and legible.</p>
<p>Mail</p>	<p>Interactive Brokers (U.K.) Limited Attn: Document Processing P.O. Box 254 6301 Zug Switzerland</p>

Should you have any questions, please send us an email addressed to newaccounts@interactivebrokers.co.uk or call 00800-42-276537 (international toll free) or +41-41-726-9500 (direct dial).