



RISK FACT SHEET FOR ALGORITHMIC TRADING

1. Interactive Brokers ("IB") makes available to its clients a suite of various order types on its trading platform that may use computerised algorithms. These order types allow you to input various conditions as part of your order placed with IB. IB's computerised routing systems will attempt to place such orders into the market in accordance with the conditions set. Algorithmic order types range from standard limit orders to more complex strategies. For additional details and training on the order types available on the IB platform, please visit "Order Types and Algos" under Trader's Glossary on IB's website at <https://www.interactivebrokers.com/en/index.php?f=14509>.

2. There are special characteristics and risks associated with algorithmic trading. This Risk Fact Sheet is provided to you to highlight some of the risks involved in algorithmic trading and complements the trading agreement and associated risk disclosures furnished by Interactive Brokers Singapore Pte Ltd ("IB-SG").

3. This Risk Fact Sheet does not disclose all the risks of algorithmic trading. It is important to read the trading agreement and associated risk disclosures before deciding whether to engage in algorithmic trading. You should also carefully consider whether algorithmic trading is appropriate for you in the light of your experience, objectives, financial resources and other relevant circumstances.

Technical Errors: Algorithmic trading can be affected when IB-SG's systems or exchanges' systems are experiencing technical difficulties. Risks include possible delays or failures in (i) availability or your connection to our services and of our services to the relevant exchange, including any authentication protocols and internet connectivity issues; (ii) the operation of databases and internal transfers of data; (iii) the provision of data feeds (accuracy of data and stability of data connections); (iv) possible hardware failures; (v) usage loads, bandwidth limitations, and other bottlenecks inherent in computerised and networked architectures; (vi) issues, disputes, or failures of third party vendors and other dependencies; and (vii) other general risks inherent in computer-based operations. Any of these could lead to delays or failures in order execution, incorrect order execution or other problems.

Software or Design Flaws: All software is subject to inadvertent programming errors and bugs embedded in the code comprising that software. Algorithmic order types may contain logical errors in the code to implement them. Errors may exist in the data used for testing the algorithm or the applicable model of the market. Despite testing and monitoring, inadvertent errors and bugs may still cause algorithmic order types to fail or behave incorrectly.

Market Impact and Events: Market conditions will impact the execution of algorithmic orders. Possible adverse market conditions include lack of liquidity, price swings, late market openings, early market closings, market chaos, mid-day trading pauses, and other such disruptive events. The execution of an algorithm can itself have an impact on the market, including causing the lack of liquidity or abrupt and unwarranted price swings.

Losses: Losses can happen more quickly with electronic and algorithmic trading compared to other forms of trading. Any or all of the above risk factors could cause more significant trading losses when using algorithmic trading compared to other forms of trading.

ACKNOWLEDGEMENT OF RECEIPT OF THIS NOTIFICATION ON THE RISK FACT SHEET FOR ALGORITHMIC TRADING

Your signature on the account opening forms will indicate your acknowledgement that you have read this NOTIFICATION ON THE RISK FACT SHEET FOR ALGORITHMIC TRADING and understand its contents.