Futures Algorithmic Trading Capabilities and Offering

Our Futures Algorithmic Trading Platform offers innovative low latency strategies, combined with a high-touch trading desk, to help clients achieve execution objectives.

Key Differentiators

- **Thoughtfully Designed**
  - Built from scratch for Futures instead of replicated from Equity algos

- **Tailored Strategies**
  - Tailored towards client execution objectives and applies Custom Order-Placement Model

- **Insightful Reporting**
  - Custom TCA-detailed order level and aggregate transaction cost analytics to understand and optimize execution behavior

- **Dedicated Customer Service**
  - Desk Intelligence supports execution algos

Strategies that Support Futures Trading

**Implementation Shortfall (IS)**
- Targets the arrival price and attempts to optimize market impact against opportunity cost tradeoff by intelligent order placement and short-term microstructure indicators
- Intelligent, selective front-loaded trajectory to reduce risk and capture short-term price reversion
- Algo selects optimal duration for execution to reduce risk
- Client controlled urgency parameter to control algo aggressiveness

**VWAP/TWAP**
- Enables custom volume profiles, real-time microstructure indicators to drive execution behavior
- Discretion around trajectory to provide room to work passively and opportunistically get ahead

**POV**
- Tracks intra-day volume to trade in-line with market volume
- Provides discretion around trajectory (either as a function of order size or % of participation rate) to provide room to work passively and opportunistically get ahead
- Maintains ability to specify the Target, Min, and Max Participation Rates

Markets Access¹
- CBOT. CME. COMEX. ICE US. MTL. NYMEX.

Products Supported¹

EMS Vendors Access
A Premier Global Investment Bank

RBC Capital Markets is a premier global investment bank that provides focused expertise in banking, finance and capital markets to corporations, institutional investors and governments around the world. We are part of a leading, diversified provider of financial services, Royal Bank of Canada (RBC). Operating since 1869, RBC is one of the top fifteen largest banks in the world and the fifth largest in North America, as measured by market capitalization.

RBC CM Key Facts

- 2016 total revenue $5.95 billion
- 2016 net income $1.7 billion
- Top 10 global investment bank 2011 to 2016

Our Global Presence

With 70 offices in 15 countries, our team of over 7,200 professionals ensures that clients receive the advice, products, and services their businesses need.

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1 RBC Proprietary Algos are supported on a subset of all the markets/products that RBC Futures can service.
2 Dealogic, based on total deals closed in calendar years 2010-2015