



Electronic and Algorithmic Trading Technology: The Complete Guide (Complete Technology Guides for Financial Services)

By Kendall Kim



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Electronic and algorithmic trading has become part of a mainstream response to buy-side traders' need to move large blocks of shares with minimum market impact in today's complex institutional trading environment. This book illustrates an overview of key providers in the marketplace. With electronic trading platforms becoming increasingly sophisticated, more cost effective measures handling larger order flow is becoming a reality. The higher reliance on electronic trading has had profound implications for vendors and users of information and trading products. Broker dealers providing solutions through their products are facing changes in their business models such as: relationships with sellside customers, relationships with buy-side customers, the importance of broker neutrality, the role of direct market access, and the relationship with prime brokers.

Electronic and Algorithmic Trading Technology: The Complete Guide is the ultimate guide to managers, institutional investors, broker dealers, and software vendors to better understand innovative technologies that can cut transaction costs, eliminate human error, boost trading efficiency and supplement productivity. As economic and regulatory pressures are driving financial institutions to seek efficiency gains by improving the quality of software systems, firms are devoting increasing amounts of financial and human capital to maintaining their competitive edge. This book is written to aid the management and development of IT systems for financial institutions. Although the book focuses on the securities industry, its solution framework can be applied to satisfy complex automation requirements within very different sectors of financial services – from payments and cash management, to insurance and securities.

Electronic and Algorithmic Trading: The Complete Guide is geared toward all levels of technology, investment management and the financial service professionals responsible for developing and implementing cutting-edge technology. It outlines a complete framework for successfully building a software system that provides the functionalities required by the business model. It is revolutionary as the first guide to cover everything from the technologies to how to evaluate tools to best practices for IT management.

*First book to address the hot topic of how systems can be designed to maximize

the benefits of program and algorithmic trading

*Outlines a complete framework for developing a software system that meets the needs of the firm's business model

* Provides a robust system for making the build vs. buy decision based on business requirements

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- Sales Rank: #2506185 in Books
- Published on: 2007-07-04
- Released on: 2007-06-20

- Original language: English
- Number of items: 1
- Dimensions: 9.00" h x .51" w x 6.00" l, .80 pounds
- Binding: Paperback
- 224 pages



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Editorial Review

Review

Advance Praise for *Electronic and Algorithmic Trading Technology*

“Kendall Kim’s *Electronic and Algorithmic Trading Technology* is well written, thoroughly researched, and logically organized. I look forward to using the book as a resource for class.”

?**Dr. Scott Gibson**, *Professor of Finance at the William & Mary Mason School of Business*

“In *Electronic and Algorithmic Trading Technology*, Kendall Kim provides valuable insight into the highly specialized world of computer trading. This includes key terminology and definitions, regulatory background, and industry drivers. In addition, the book provides an overview of the technologies and methodologies that comprise this complex industry. *Electronic and Algorithmic Trading Technology* is a roadmap to the world of computer trading and is essential reading for both buy-and-sell-side market participants.”

?**Sean Gilman**, *CTO, Currenex*

“Kendall Kim has managed to give a comprehensive overview of the mechanisms, the competitive landscape, and even some forecasts on the complex and quickly evolving topic of electronic and algorithmic trading technology. Deep domain knowledge is critical to success on Wall Street; understanding complex market forces at work only enhances the value one can bring to their trade. Anyone who wants to learn more about this rapidly evolving phenomenon can benefit by reading Kendall’s book.”

?**Jeff Hudson**, *CEO, Vhayu Technologies Corporation*

"Comprehensive and up-to-date. Useful for both practitioners and academics."

?**George S. Oldfield**, *Principal, The Brattle Group Washington, D.C.*

“*Electronic and Algorithmic Trading Technology* is an excellent resource for both academics and financial professionals outside the domain of electronic trading who are seeking a comprehensive review of an increasingly complex and ever-changing trading landscape. Kendall Kim has managed to provide an insightful, engaging, and eminently accessible summary of the core elements of algorithmic and electronic trading, the challenges faced by all trading businesses today, and what lies in store for the future of trading across a multitude of asset classes.”

?**Manny Santayana**, *Managing Director Advanced Execution Services – Equities, Credit Suisse*

"Kendall Kim’s work is a thorough snapshot of the world of automated trading, with an intricate history explaining why and how we got where we are today. Packed with examples and anecdotes, it makes an impressive reference guide to the multitudes of algorithms, systems and regulations in existence across the globe."

?**Matthew J Smalley**, *Director – ETD Execution Technology, UBS Investment Bank*

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Business/Finance

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Electronic and Algorithmic Trading Technology is the ultimate guide for trading managers, brokers, and back-office processing directors to understand the new technologies that can cut transaction costs, eliminate human error, boost trading efficiency, and supplement productivity--in short, save and make money for the firm.

Kendall Kim consults as a Business Analyst based out of New York, NY. He has consulted and worked for firms such as UBS Investment Bank, Deutsche Bank and Goldman Sachs. He specializes in delivering technology solutions to Wall Street securities firms.

About the Author

Kendall Kim consults as a Business Analyst and lives in Greenwich, CT.

He specializes in delivering technology solutions to Wall Street securities firms. In this role he has been responsible for the specification and implementation of large trading, risk management, and real-time market data systems. He has consulted and worked for firms such as UBS Investment Bank, Deutsche Bank, and Goldman Sachs.

Kendall holds a bachelor's degree in Economics from Boston University, Boston, MA and a master's degree in Business Administration from The College of William and Mary, Williamsburg, VA.

Users Review

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The feeling that you get from Electronic and Algorithmic Trading Technology: The Complete Guide (Complete Technology Guides for Financial Services) is the more deep you looking the information that hide within the words the more you get serious about reading it. It doesn't mean that this book is hard to understand but Electronic and Algorithmic Trading Technology: The Complete Guide (Complete Technology Guides for Financial Services) giving you buzz feeling of reading. The article writer conveys their point in particular way that can be understood simply by anyone who read that because the author of this e-book is well-known enough. This particular book also makes your vocabulary increase well. Making it easy to understand then can go along with you, both in printed or e-book style are available. We advise you for having this specific Electronic and Algorithmic Trading Technology: The Complete Guide (Complete Technology Guides for Financial Services) instantly.

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