CORNERSTONE RESEARCH
Economic and Financial Consulting and Expert Testimony

Tech and Big Data Expertise in Finance

FinTech Investments

Cornerstone Research leverages significant experience in complex securities and asset management cases and applies it to issues specific to FinTech investments. We have consulted with clients and supported investment and market microstructure experts on a wide range of issues pertaining to:

» Alleged violations of investment guidelines and the reasonableness of disclosures.

» Alleged violations of fiduciary duties and internal risk control procedures.

» Performance of automated investment strategies. This includes analyzing "robo-advisors" and how automated investment strategies perform relative to alternative portfolios under different risk-return scenarios.

» Cybersecurity in Financial Markets.

These disputes may involve huge quantities of transaction-level and participant-level data. Our staff and affiliated experts have applied market microstructure theory to datasets with billions of observations.

Blockchain Technology

Cornerstone Research assists clients in analyzing the economics behind a number of diverse use cases of the blockchain technology, including cryptocurrency and tokens. We have experience in analyzing whether a crypto token is a security based on the economic realities of the case. In addition to cryptocurrency and tokens, we have expertise analyzing the structural features of payment systems and supply chain data management, as well as other implementations of blockchain in financial and capital markets. For example, we have evaluated value propositions and underlying blockchain codes for scalability and operability related to use cases in the financial world. We have also examined blockchain data to trace movements of the crypto tokens for the purpose of assessing damage claims.

Read more about our FinTech, Blockchain, and Cryptocurrency Litigation capabilities »

Consumer FinTech

As technology has begun to change the way consumers interact with financial products, new types of disputes have emerged. Cornerstone Research's experience with traditional consumer financial products provides a solid foundation to assist clients with regulatory and litigation matters arising from new technologies. For example, we have evaluated how existing consumer finance regulation applies to new platforms and how borrowers interact with developing technology for loan products.

Big Data Analytics

The amount of data and analysis required to develop and support expert testimony is growing rapidly. At the same time, there has been an explosion in the number of database platforms and software tools used in big data analytics. These trends have important implications for computing resources and expertise. Cornerstone Research has:

» Expertise in data management, production, and integration of large datasets.

» Experience with huge volumes of real-time and historical data, with individual tables comprising hundreds of billions of records.

» In-house, massively parallel processing capabilities and a team of programming specialists to ensure that we can conduct large-scale data analytics efficiently and effectively, including artificial intelligence and machine learning, web data and social media, data visualization, text analytics, simulations and optimizations, geospatial analytics and mapping, and secure analytics infrastructure.

Read more about our Data Analytics capabilities »

Selected Publications

Tech Company Securities Class Action Filings—H1 2020 Update

Tech Company Securities Class Action Filings and Settlements —2015–Q1 2020 Review and Analysis

What Does Blockchain Mean for Dispute Resolution?

Big Data Discovery and Deadlines

Selected Tech Company-Related Cases

Facebook Inc. IPO Securities and Derivative Litigation

Oracle v. PeopleSoft

In re Broadcom Securities Litigation

Richard Bell et al. v. Ascendant Solutions, Inc. et al.

Sprint Corp's $3.6 Billion Buyout of Clearwire Corp

Natalie Gordon et al. v. Symantec Corp. et al.

Large Technology Merger

Selected Big Data-Related Cases

Anderson News LLC et al. v. American Media Inc. et al.

Trading Behavior and Market Manipulation

Whistleblower Investigation

Revenue and Financial Reporting Internal Investigation

For more information on our Finance Tech and Big Data experience and capabilities:

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