

Upcoming Securities and Investments Reports Q4 2016

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Upcoming Securities & Investments Reports Q4 2016

DIGITAL AND OMNICHANNEL

Execution and Order Management Systems: Is Integration Essential for Success?

[Anshuman Jaswal](#)

In this report, Celent takes a look at the emergence of systems that combine the functionality of order management and execution management systems. We have covered this topic in the past and this research will focus on the progress made in the last couple of years. It will also study the use of cloud-based technology and artificial intelligence in OMS and EMS.

Execution Quality in Nasdaq

[Anshuman Jaswal](#)

This is the latest Execution Quality report that analyzes the three months of data available for trade sizes below 10,000 shares in Nasdaq under Rule 605. It compares the leading brokerage firms in the US in terms of pricing and speed parameters for various order sizes and types, and hence provides vital insight into the current execution quality at these firms. This report will study data from the July 2016 – September 2016 period.

Execution Quality in the NYSE

[Anshuman Jaswal](#)

This is the latest Execution Quality report that analyzes the three months of data available for trades below 10,000 shares in the NYSE under Rule 605. It compares the leading brokerage firms in the US in terms of pricing and speed parameters for various order sizes and types, and hence provides vital insight into the current execution quality at these firms. This report will study data from the July 2016 – September 2016 period.

Social Trading: NextGen Platforms

[Ashely Globerman](#)

Social trading platforms have emerged as a disruptor to traditional online brokerages and wealth management. We explore the evolution of these platforms and their impact on the industry.

INNOVATION AND EMERGING TECHNOLOGIES

Asset Management Performance Attribution Update

[Jay Wolstenholme](#)

Performance analysis and attribution is a top of the list requirement for asset managers to demonstrate their value. What are the latest techniques and tools available to asset managers for providing performance analysis and reporting for internal and external consumption?

Cloud Adoption in Capital Markets: Benefits, Challenges and Outlook

[Arin Ray](#); [Brad Bailey](#)

This report discusses the current state of adoption of cloud based technology in capital markets. It identifies the drivers of future growth and lays out Celent's vision of future evolution of cloud adoption in capital markets, and offers recommendations for firms looking to embrace the cloud.

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Cloud-based Market Surveillance in Capital Markets

[Anshuman Jaswal](#)

There has been a dramatic increase in the uptake for market surveillance, and the leading industry vendors are responding with the products that incorporate the latest functionality. Cloud-based surveillance has become important in this context because it enables access for smaller firms, and also allows larger firms to right size their surveillance capabilities and optimize their resources. This report will look at the recent efforts of the various vendors in this space.

RegTech 2016

[John Dwyer](#)

RegTech has taken off during 2016 with greater focus from entrepreneurs, FIS, academia, and regulators. The FCA is taking an increasingly proactive role of engaging with the RegTech ecosystem which further underscores the profile of this area of FinTech. Here we profile the finalists of the 3D FinTech Challenge. Analyze the ever-increasing need for even more secure messaging and data centers and what new systems are doing to tackle this in capital markets.

Secure Messaging in Capital Markets: Ready for WhatsApp?

[Josephine de Chazournes](#)

This report analyzes the ever increasing need for even more secure messaging and data centers and what new systems are doing to tackle this in capital markets.

The Cognitive Advisor: Using AI to Deliver Advice at Scale

[Will Trout](#)

This report asks to what degree machine intelligence represents a logical next step not only in the evolution of advice delivery, scaling, not just compliance, risk and asset management functions but also the reach of the human advisor.

The New Market Risk Imperative & FRTB Pt 2: Evaluation Ecosystem Vendors

[Cubillas Ding](#)

By 2020, FRTB is expected to be significant in terms of increases in capital, enhanced risk measures, as well as more stringent modeling methodologies and stronger operational controls. Celent evaluates the vendor solutions that address the ecosystem of requirements for firms rethinking large-scale transformation initiatives.

The New Market Risk Imperative: Ricing and Risk Analytics 2016

[Cubillas Ding](#)

As capital markets firms navigate the next wave of risk and regulatory change, capital concerns, cost constraints and changing trading/market structures, next generation pricing and risk architectures will be key to achieving optimal trading and sustainable front office risk taking. This report analyzes future changes, market dynamics and solutions that enable these outcomes.

The RPA and AI Research Revolution

[Josephine de Chazournes](#)

Capital Markets Research is facing regulatory challenges that are forcing current market players to change their business models by using RPA and AI technology. These revolutionary technologies also enable new entrants to take a stab at this business.

Upcoming Securities and Investments Reports Q4 2016

LEGACY AND ECOSYSTEM TRANSFORMATION

2016 European Fixed Income Market Sizing

[Josephine de Chazournes](#)

This report is our annual sizing of the fixed income cash markets in Europe, government and non-government bonds, electronic and voice, with a split by trading platform. Celent will provide trends on the evolution of these segments vs. previous years and forecasts for the next few years.

Deal Trends in the European Core Banking Vendors Market

[Ashley Globerman](#); [Karen Monks](#)

We provide a view of market and deal trends over the past few years for core banking vendor solutions in the European wealth management market.

European Wealth Management Technology Vendors: Evaluating Core Banking Platforms

[Ashley Globerman](#)

We compare major banking wealth management platforms using our ABCD analysis. This is an update to our 2013 report and is the final report in our three-part series evaluating European technology providers for wealth management.

Exchange Technology in Asia-Pacific: Laggards No More

[Anshuman Jaswal](#)

This report looks at the technological evolution of exchanges in the Asia-Pacific region. It builds on Celent's research in the past and discusses how the leading Asian exchanges are becoming competitive by global standards.

Regulation and Derivatives Markets: Impact on Technology and Compliance

[Anshuman Jaswal](#)

Important regulations such as the Dodd-Frank Act in the US have shaped the landscape in the capital markets industry, particularly for the derivatives markets. We assess the impact of the leading global regulations, and try to understand if they have been effective and instrumental in moving the markets in the right direction after the financial crisis.

The Global Exchange Landscapes: Opportunities Amidst Challenges

[Arin Ray](#)

Discusses the changes taking place in the global exchange landscape by analyzing some of the leading exchanges of the world. It identifies the drivers of change, discusses the response to them and offers suggestions for possible strategies that exchanges should consider to stay competitive in a rapidly evolving environment.

Upcoming Securities and Investments Reports Q4 2016

The Rise of the Asset Owners: The Need for a Technology Refresh

[Jay Wolstenholme](#)

Institutional asset owners, pension and insurance funds are demanding technology refreshes. Asset owners that run external and internal investment funds need to have enterprise portfolio aggregation, analytics and risk applications to fulfil new regulatory requirements. Additionally Internal Investment Committees (IICs) and legislative authorities require better oversight. Vendors are discovering a new market in portfolio aggregation, shadow accounting and improved report solutions.

Top Trends in Post-Trading Processing: Insights and Implications

[Arin Ray](#)

Examines the evolution of IT and operation issues in post-trade processing area of capital market firms. Identifies the challenges and proposes solutions where financial institutions can consider making investments, and service providers can consider making enhancements to their solutions develop new offerings.

Celent Securities and Investments Research Highlights

Innovation and Emerging Technologies



- ❖ [Artificial Intelligence in KYC-AML: Enabling the Next Level of Operational Efficiency](#)
- ❖ [A Banker's Guide to Derivatives: The Role of Derivatives in Risk Management](#)
- ❖ [Beyond the Buzz: Exploring Distributed Ledger Technology Use Cases in Capital Markets and Corporate Banking](#)
- ❖ [FRTB and the Upcoming Renaissance in Market Risk Management \(Part 1\): How to Execute Sound Go-to-Market IT Strategies](#)
- ❖ [Human and Machine-Rise of the Cyborg: The Cycle of Voice Trading](#)
- ❖ [Micro Gold: Assessing the Use Case of DLT and Physical Gold](#)

Legacy and Ecosystem Transformation



- ❖ [Business and IT Trends Impacting the Buy Side: Implications for Asset Managers and Vendors—2016 and Beyond](#)
- ❖ [Deal Trends in the European Wealth Management Front-to-Back Office Platform Market: 2016 Edition](#)
- ❖ [FinTech and Robo Advisors: Booming in Japan](#)
- ❖ [Getting the House in Order: Consolidating Investment Platforms in the Wake of the Department of Labor Conflict of Interest Rule](#)
- ❖ [Market Surveillance in Capital Markets: The Growing Role of Artificial Intelligence](#)
- ❖ [The Little Big Story of Asset Management: Factories and Boutiques Create the Need for IT Upgrades](#)

Celent Securities & Investments Research Highlights, Q3 2016

INNOVATION AND EMERGING TECHNOLOGIES

Artificial Intelligence in KYC-AML: Enabling the Next Level of Operational Efficiency

Arin Ray

Publication Date: August 23, 2016

Discusses the current challenges in KYC-AML operations and processes the benefits of adopting artificial intelligence enabled solutions in reducing costs and improving efficiency in KYC-AML.

A Banker's Guide to Derivatives: The Role of Derivatives in Risk Management

James O'Neill

Publication Date: August 11, 2016

Managing financial risk is imperative to maintain the health and integrity of the banking industry, and for banks of any size the management of interest rate-based risk (IRR) is an important component of overall risk management strategy. This report highlights the financial implications of smaller banks' reliance on conventional OTC swaps to manage IRR, examines the likely impact of new margin requirements that place in September, 2016, and suggests best practices for IRR management.

Beyond the Buzz: Exploring Distributed Ledger Technology Use Cases in Capital Markets and Corporate Banking

John Dwyer; Patricia Hines

Publication Date: August 9, 2016

Distributed ledger technology (DLT) has the potential to provide a new architecture for the financial system in capital markets and corporate banking. What are the specific use cases and pain points within capital markets and corporate banking that DLT is addressing? What does the maturity curve look like for these use cases?

FRTB and the Upcoming Renaissance in Market Risk Management (Part 1): How to Execute Sound Go-to-Market IT Strategies

Cubillas Ding

Publication Date: August 4, 2016

By 2020, FRTB is expected to be significant in terms of increases in capital, enhanced risk measures, as well as more stringent modeling methodologies and stronger operational controls. This will require firms to re-examine how their underlying IT architectures and data models for Front Office, Risk and Finances systems support these new demands. Celent examines architectural archetypes, innovation possibilities and the solution landscape for firms rethinking large-scale.

Human and Machine-Rise of the Cyborg: The Cycle of Voice Trading

Brad Bailey

Publication Date: July 12, 2016

Celent focuses its research on the landscape and technology that is merging the human trader with the machine. This report will focus on the evolution of the voice trader and the technology that is shaping the future.

Celent Securities and Investments Research Highlights, Q3 2016

Micro Gold: Assessing the Use Case of DLT and Physical Gold

John Dwyer

Publication Date: September 1, 2016

This report assesses the use case of the DLT and physical gold.

LEGACY AND ECOSYSTEM TRANSFORMATION

Business and IT Trends Impacting the Buy Side: Implications for Asset Managers and Vendors—2016 and Beyond

Jay Wolstenholme

Publication Date: July 12, 2016

Macro factors such as low investment returns, increase regulations and thin operating margins are forcing the buy side to evolve their operational and technical business models to stay competitive. Additionally asset managers and hedge funds are all looking to increase their client base, through collective funds, ETFs, multi assets, private equity to name a few. This report will examine these trends and examine operations and technology needed to handle these changes.

Deal Trends in the European Wealth Management Front-to-Back Office Platform Market: 2016 Edition

Ashley Globerman; Karen Monks

Publication Date: September 13, 2016

We provide a view of market and deal trends over the past few years for front-to-back office vendor solutions in the European wealth management market.

Deal Trends in the European Wealth Management Front-to-Back Office Platform Market: 2016 Edition

Ashley Globerman; Karen Monks

Publication Date: September 13, 2016

We provide a view of market and deal trends over the past few years for front-to-back office vendor solutions in the European wealth management market.

FinTech and Robo Advisors: Booming in Japan

Eiichiro Yanagawa

Publication Date: August 29, 2016

This report addresses salient underlying trends in fintech, considering global trends in wealth management and the burgeoning robo-advisor industry before discussing the unique attributes of Japan's market and introducing recent advisory technology initiatives. This report examines pioneering robo-advisor efforts in Japan, technology and business areas ripe for development, and the outlook for the FinTech boom.

Celent Securities and Investments Research Highlights, Q3 2016

[Getting the House in Order: Consolidating Investment Platforms in the Wake of the Department of Labor Conflict of Interest Rule](#)

Will Trout

Publication Date: July 27, 2016

While operational efficiency has been an objective of bank wealth managers and brokerage companies for some time, the opportunity costs of maintaining multiple back office systems have made infrastructure investment a priority. This report explores the extent to which these efforts anticipated the client centric approach mandated by recent Department of Labor regulation, and how firms can position themselves to address the challenges posed by the new market environment.

[The Little Big Story of Asset Management: Factories and Boutiques Create the Need for IT Upgrades](#)

Jay Wolstenholme

Publication Date: September 8, 2016

The investment community demands more choice, to increase returns, diversify assets and to expand the accessibility of investing to emerging investors. Asset management boutiques create investment diversity while asset management service providers can offer low cost operational factory services to the individual boutiques to expand investments targeting new client bases.

[Market Surveillance in Capital Markets: The Growing Role of Artificial Intelligence](#)

Anshuman Jaswal

Publication Date: September 20, 2016

In this report, we discuss the overall evolution of the industry with regard to AI to encompass features such as ML and cognitive computer, leading up to more advanced functionality that could indeed be called AI. The intention is to understand the degree to which unsupervised surveillance capabilities are enabling firms to handle the massive volumes of market data being generated to stay ahead of their regulatory and compliance requirements.