**Paul A. Cassell** New York, NYC Area

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**Senior Technology Executive** with 20 years of experience scaling and transforming IT operations, engineering solutions, development, QA, infrastructure, and governance functions to enable rapid growth and acquisition. Aptitude for reverse engineering solutions from customer perspective with clear focus on delivering business value and bottom-line impact.

***Executive Qualifications***

* Tech-Driven Business Transformation; Earned nickname of “The Transformer”
* Technology Thought Leader Quoted in *CIO Magazine* and *FierceCIO*
* Strategic Advisor: Aruba Networks & Start-Ups
* Regional/Interim CIO Roles at NYSE Euronext, Pico Trading and APSI WI-FI
* INSEAD Executive Management Program

**Strategic IT & Business Leader** with proven history crafting and executing strategic plans that simplify complex business challenges with innovative technology solutions. Adept at identifying technical talent and engaging effectively across all levels (C-suite, managers, IT staff).

**Professional Experience**

**PC IT CONSULTING INC.** *(*[*www.pcitconsulting.net*](http://www.pcitconsulting.net)*)* – Greater New York City Area 2014 – Present

**Executive IT Consultant**

Lead technology transformation, full life cycle recruiting, retail operations, engineering solutions, innovation, and operational change management initiatives for companies in diverse industries such as Banking, Financial Services, Healthcare, Digita Media & Entertainment. Shape IT strategies for service desk operations, managed services, infrastructure, cloud solutions, disaster recovery, security, process automation, applications development, testing and integration. Serve as Interim CIO and Advisory Board Member to scale IT for growth and to position firms for M&A.

**Transformation Leadership**

* Selected to revamp entire IT organization of Block Chain firm on Wall Street, including documentation of all policies and standards for robust information security, governance, and compliance.
* Named Interim CIO to scale global IT organization and infrastructure of Pico Quantitative Trading’s consulting division.

- Led global data center build out plus launch of new product development and automation teams.

- Spearheaded migration of legacy market data solution to next-generation platform.

- Instituted new compliance and change control policies; led IT due diligence reviews for two acquisitions.

* Designed hybrid model for IT operations and led $35M global outsourcing deal for global digital media company; generated $3.8M in cost savings by modernizing infrastructure and consolidating three data centers into one.

**Strategic Planning & Advisory**

* Advised on technology strategy and solution roadmap for provider of AI-based enterprise platform managing data privacy across IoT devices, mobile applications, and websites.
* Directed strategic business planning and IT goal alignment as Interim CIO of wireless Internet solutions provider; facilitated technology advisory during sales engineering discussions with the NFL and the NBA.

**NYSE EURONEXT (Formerly NYSE GROUP INC.)** – New York, NY 2006 – 2014

**Chief Information Officer U.S.| IT Compliance Officer — US Operations (2012-2014)**

Directed IT strategy, service delivery, governance and compliance for US operations, including portfolio of 6 exchanges, digital/web products, corporate systems, and regulatory programs. Interfaced with executive team to create business-aligned technology roadmap spanning multiple lines of business. Oversaw $300M capital and operations budget.

**Strategic Leadership**

* Drove technology strategy to enable focus on high-margin business opportunities, fueling significant revenue growth to US Options business while maintaining profit margins and infrastructure stability.
* Orchestrated IT architecture and Agile transformation initiatives, and created R&D Group, to inject innovation and cost savings into technology ecosystem while transitioning away from legacy keep-the-lights-on environment.

- Revamped U.S Project Management office to align with business priorities. Reduced time to market 30%.

- Created technology innovation project pipeline for advantageous CAPEX network and storage initiatives.

* Strengthened IT compliance and governance programs by deploying tools to automate/streamline processes, aligning SDLC processes to IT policies, and improving government affairs to gain voice in shaping new regulations.

- Enabled transition from ARP to Reg SCI with comprehensive compliance training.

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**IT Chief Operations Officer (COO) — Global IT (2010-2012)**

Led global technology operations with international cross-function team of 600+ resources. Directed IT strategy, service delivery, data center and infrastructure management, systems administration, networking and information security. Oversaw support of enterprise solutions, including market systems, databases, messaging, and communications platforms. Planned and managed $350M P&L.

**IT Business Transformation**

* Led complete restructuring of Global IT Service Operations, driving automation and delivering operations excellence training to advance Level 1 support staff to succeed in Level 2/3 service delivery operations model.

- Generated millions of dollars in recurring annual cost savings via automation and process re-engineering.

- Improved on all vital service metrics/KPIs to drive customer experience and customer satisfaction.

**Senior Vice President & Global Head — Quality Assurance & Release Management (2006-2010)**

Oversaw all aspects of DevOps for development and support of financial trading and back end systems, including quality assurance, testing, configuration, integration, and release management. Earned promotion from VP to SVP and Global Head reporting directly to CIO. Trained and managed growing international team with technical resources spanning San Francisco, Chicago, New York, London, Belfast, and Paris. Evaluated and implemented third-party tools.

**Development Operations Leadership**

* Established DevOps-like framework and metrics/KPIs to drive test automation and continuous delivery (CI/CD).
* Enabled development of scaled systems and applications to make NYSE electronic exchanges fastest in market.
* Led technology roadmap visioning and planning as member of NYSE Euronext Architectural Committee.

**Product Delivery**

* Facilitated successful launch of NYSE Amex Options Exchange and NYSE Arca Bond and Options Exchanges.
* Supported development, testing, and release of NYSE SDBK Trading System and National Market System (NMS) to enable securities trade order fulfillment for broker-dealers using NYSE Arca and hybrid systems.

**Additional Experience**

**ARCHIPELAGO, LLC – Managing Director, QA & Release Management**

* Recruited to build and grow QA function, delivering QA automation for high-quality products with low cost structure.
* Supported due diligence for Globe Net ECN acquisition; enabled launch of 2 electronic exchanges (Arca Listed & OTC).
* Developed solutions to position Archipelago for market IPO and subsequent acquisition by NYSE.

**INSTINET CORP. – Vice President, Quality Assurance**

* Managed 35-member global QA team in support of all development lifecycle phases, from project planning to impact and critical path analysis to resource planning and training to cost-benefit analysis.
* Drove integration of QA automation tools to expand test coverage while reducing testing time with 30% less headcount.

**OPTIMARK TECHNOLOGIES | FLOOR BROKER NETWORK | IBM RETIREMENT FUNDS – Senior Analyst | Equities Trader**

* Supported development of first electronic order management system in US at IBM Retirement Funds.
* Automated reconciliation processes for financial trades.
* Designed test plans and scripts; performed testing and integration of trading desk technologies; trained QA teams.

**Education**

**Bachelor of Science (BS) in Business Administration –** Sacred Heart University

**NYSE Euronext Executive Management Program –** INSEAD Graduate Business School

**Board & Strategic Advisory Roles**

*Board Member:* **Wall Street Technology | Warburg Pincus | Aruba Networks | Fight Cancer**

*Strategic Advisor:* **Clarip | APSI Wi-Fi | Spirometrix | 47 Line Technologies | Spirometrix | Talent Crest**