

# BRUCE WEINER

## Curriculum Vitae

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## SUMMARY

- Retired from the Federal Reserve Bank of New York as Vice President, Chief Product Owner - Markets Group, after 14 years at the Bank.
- Has worked in technology since 1988, managing software, technology, IT infrastructure, program management, and contracting.
- Testifying and consulting expert witness in 30+ matters since 2011 involving technology, product development, and software engineering, in federal and state courts, PTAB, arbitration, and administrative proceedings, for plaintiff and defense counsel. 10+ depositions; trial and hearing testimony.
- **Practice areas:** software development and delivery (SDLC/PDLC); enterprise software (BPM, ERP, financial and books-and-records systems, banking and payments); technology contract, vendor, and billing disputes; AI governance; source code and technical analysis; central banking and financial market infrastructure; airline, travel, e-commerce, and loyalty technology.
- Technical advisor in commercial and labor negotiations, including multi-airline technology platform negotiations, collective bargaining, and National Mediation Board mediation.

## EDUCATION

### **BSE, Electrical Engineering & Computer Science**

Princeton University, 1988, *Magna Cum Laude*  
**Certificate, International Relations & Public Policy**

Woodrow Wilson School, Princeton, 1988  
Van de Velde Award, 1986–87

## **CERTIFICATIONS & MEMBERSHIPS**

Association for Computing Machinery (**ACM**)  
/ Institute of Electrical and Electronics Engineers (**IEEE**) — since 2018

Scrum Alliance: **A-CSPO** (since 2020) · CSPO (since 2016) · **CAL 1** (since 2023)

**AI for Product Owners** Microcredential, Scrum Alliance / **AI Product Management Bootcamp** & Certification, AI Product Academy — 2026

**Agility in Organization™ / Leadership™** — 2024

**FAA Commercial/Instrument Pilot;** Ground Instructor — since 1988

Continuously federally vetted since joining the Federal Reserve Bank of New York in December 2012, including a Tier 2 federal background investigation on becoming an employee in June 2013; most recently granted a Federal **Top Secret Security Clearance** in May 2026 (DCSA Tier 5 investigation, 2025).

## **PATENT**

**U.S. Patent 7,203,734** — Methods and apparatus for selecting an insurance carrier for an online insurance policy purchase. Issued April 10, 2007 (filed December 28, 2001).

## PROFESSIONAL EXPERIENCE

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### Weiner.Net, LLC

2008–Present

*Technology consulting, expert witness, and travel advisory services — operated concurrently with the Federal Reserve role from 2012 to 2026.*

#### TECHNOLOGY CONSULTANT | TESTIFYING AND CONSULTING EXPERT WITNESS

- Achieved a 30% reduction in infrastructure costs for a consulting client by selecting, negotiating, and managing a hosting and cybersecurity agreement for a global set of transactional systems.
- Managed 25+ outsourced technology provider relationships, including invoice review and procurement of hosting, server, and firewall services.
- Served as launch CTO or CIO for 5 startups, spanning software development and cloud-based infrastructure and operations. (Note: Active consulting engagements 2008 and 2010–present; interim period focused on business development.)
- Led product direction and delivery of mobile applications since the 2008 launches of the Apple App Store and Android Market — architecting, sourcing development vendors, negotiating contracts, and program managing onshore/offshore teams.

### Federal Reserve Bank of New York

2012–2026

*Retired after 14 years at the Bank.*

#### VICE PRESIDENT, CHIEF PRODUCT OWNER - MARKETS GROUP (2021–2026)

Earlier roles: Business Liaison, Business Technology - Markets Group (2014–2021); Senior Information Technology Project Manager - Technology Group (2013–2014); contractor, Technology Group project management office (2012–2013).

The Markets Group carries out the Federal Reserve's open market operations as directed by the Federal Open Market Committee, manages the System Open Market Account (a portfolio that peaked at about \$8.5 trillion), serves as fiscal agent for the U.S. Treasury, and provides U.S. dollar payment and custody services to more than 200 foreign central banks, monetary authorities, and international organizations. Technologies included fixed income trading, settlement and accounting systems, payments and securities custody, reference rate production systems, artificial intelligence and machine learning, and data analysis tools/systems.

Areas of transformational focus included:

- **Markets Transformation:** Operating Sponsor and Product Leader for the Markets Transformation Program (2021–2026): 5-year cloud migration/modernization for Trading, Banking, and supporting systems that support U.S. monetary policy implementation and the Bank's services to the world's central banks.
- **FedTrade Plus:** the replacement for FedTrade, the Desk's auction platform, which the New York Fed publicly called “a significant technological advancement for the Federal Reserve's open market trading operations.” It was delivered operation by operation from November 2025 to September 2026, with each step proven through publicly announced small-value exercises.
- **ISO 20022:** Product/Transformation lead for the Markets Group transition to the ISO 20022 standard for its payment hub, supporting cross-border payments between Fedwire and SWIFT, covering vendor management, business testing and operational readiness, and technical development, testing, and rollout.
- **COVID-19 response (2020):** As Business Liaison, led the business technology analysts who built the data stores, reporting, and vendor integrations for the six emergency facilities the New York Fed

operated, and ensured counterparties could transact with the Desk while it ran operations from home.

- **SOFR:** Developed and launched SOFR — the new U.S. dollar reference rate replacing LIBOR — on April 3, 2018.

## **Novantas, LLC — Logicsourcing, New York, NY**

**2005–2008**

*A provider of consulting, solutions, and research services for financial industries.*

### **MANAGING DIRECTOR**

- Led Sabre due diligence on sale to private investors (3 partners, 50 professionals). Supported Star Alliance's alternative GDS strategy for United, Lufthansa, Air Canada, Singapore, Asiana, and South African Airlines.
- Managed Travelport/Worldspan merger pre-approval clean team. Directed technology due diligence (\$1–\$5B) for private equity and venture capital firms in New York.

## **United Airlines, Chicago, IL**

**2002–2005**

### **MANAGING DIRECTOR, STRATEGIC SOURCING (from 2003) | VICE PRESIDENT / CTO, UAL LOYALTY SERVICES**

- Led \$280M vendor-funded rebuild of United.com on ITA, Datalex, and Travelport software platforms.
- Managed \$380M GDS fee portfolio; renegotiated 300+ executory contracts through the bankruptcy process. Negotiated a five-year full-content agreement.

## **Synetron Group, Chicago, IL**

**2000–2002**

### **PRINCIPAL AND CHIEF TECHNOLOGY OFFICER**

Launch CTO for Moonrings Travel and InsuranceNoodle.com. Management consultant to UAL Loyalty Services (Mileage Plus, United.com, MyPoints.com).

## **Brierley & Partners, Dallas, TX**

**1998–1999**

### **CHIEF TECHNOLOGY OFFICER**

Technology leader for loyalty marketing agency: United Airlines Mileage Plus, Hertz #1 Gold, Hilton Honors, Blockbuster Rewards, and the launch of eRewards.com.

## **First Manhattan Consulting Group, New York, NY**

**1994–1998**

### **PRINCIPAL**

Management consultant for financial services clients: loyalty program development, technology development and infrastructure, credit card and banking technology, and customer contact centers.

## **American Express, Brighton, UK & New York, NY**

**1990–1994**

### **VICE PRESIDENT, TECHNOLOGY (from 1993) | DIRECTOR, MARKETING**

Technology and product development leader for Travel Management Services, Loyalty and Travel Programs, and Small Business Services (Credit Cards and Banking).

**Booz Allen & Hamilton, New York, NY****1988–1990****ANALYST**

Management consultant in technology, software development, and management for financial services, loyalty, and travel clients.

**SPEAKING ENGAGEMENTS**

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**ISO 20022 Journey to CBPR+ and Beyond**

*Sibos 2025, Frankfurt — October 2, 2025*

**Trading Technology in US Monetary Policy**

*Central Banking Forum, Federal Reserve Bank of New York, 2017 and 2016*

**Let's Get Large: More Growth in Store for Online Travel**

*Travdex, Berlin, ITB Convention — March 2006*

**1994–2005:** EDS Leadership Forum · Executives Club of Chicago · Bank Marketing Association · Direct Marketing Day NY · Bank Administration Institute · Institute of International Research

**PUBLICATIONS**

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**Report on Trends in Global Distribution Systems**

*Filed with Merger Documentation, U.S. Department of Justice, and the European Commission, 2006*

**Listening to Customers Via New Research Techniques is Key to Becoming a Marketing-Driven Bank**

*American Banker's Financial Services Marketing, Spring 1998*

**Tailoring A Custom Fit: New Ideas Tailor-Made For Our Cardmembers**

*Citibank Today, Fall 1997*

**BOARD SERVICE & ADVISORY ROLES**

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Serves as a board officer, finance committee chair, and technology and finance advisor to several not-for-profit organizations.