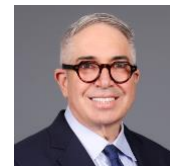


BRUCE WEINER

TESTIFYING EXPERT WITNESS AND TECHNOLOGY CONSULTANT · WEINER.NET, LLC

When a dispute turns on how software was built, deployed, run, or governed

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PROFESSIONAL BACKGROUND

Has worked in technology since 1988 and has built and run the kinds of systems he now evaluates. Retired from the Federal Reserve Bank of New York as Vice President, Chief Product Owner - Markets Group, after 14 years at the Bank. Earlier: CTO, UAL Loyalty Services, United Airlines · Vice President, Technology, American Express · CTO, Brierley & Partners · Managing Director, Novantas · Principal, First Manhattan Consulting Group · Booz Allen & Hamilton.

EXPERT WITNESS EXPERIENCE

- Testifying and consulting expert in 30+ matters since 2011, for both plaintiff and defense counsel, in federal and state courts, PTAB, arbitration, and administrative proceedings.
- 10+ depositions and has appeared for trial and hearing testimony.
- Expert declarations cited in a published Federal Circuit opinion, *cxLoyalty, Inc. v. Maritz Holdings Inc.*, 986 F.3d 1367 (Fed. Cir. 2021).
- Motion to exclude denied in *In re: Uber Technologies, Inc., Passenger Sexual Assault Litigation*, MDL No. 3084 (N.D. Cal.) (Pretrial Order No. 39).

HOW HIS EXPERIENCE APPLIES

- **Software delivery and governance:** whether a program was planned, governed, tested, and delivered to SDLC/PDLC industry standards, drawing on leading the Federal Reserve Bank of New York's 5-year Markets Transformation Program and the \$280M rebuild of United.com.
- **Vendors, contracts, and billing:** statements of work, vendor performance, and the reasonableness of technology consulting time and billing against industry standards, drawing on vendor selection at the Federal Reserve and strategic sourcing at United Airlines.
- **Technical cost and financial impact:** attributing and quantifying the direct technical costs a party's conduct imposed on a system, such as incremental vendor transaction fees and security spend, with apportionment where costs are shared.
- **Enterprise software:** whether enterprise platforms (BPM, ERP, financial and books-and-records systems, and retail and online banking and payments) were selected, configured, and implemented as represented, drawing on selecting, implementing, and running such systems throughout his career.
- **Payments, banking, and market infrastructure:** led the Markets Group's ISO 20022 transition (Fedwire and SWIFT); developed and launched SOFR; open market operations platforms.
- **AI and algorithmic systems:** how apps and algorithms were designed and operated, and whether they were governed under frameworks such as ISO/IEC 42001 and the NIST AI RMF.
- **Airline, travel, loyalty, and e-commerce:** airline websites, global distribution, and loyalty program systems, from his roles at United Airlines, American Express, and Brierley & Partners.
- **Patents, PTAB, and trade secrets:** claim analysis, validity, and infringement; source code comparison.

CAPABILITIES

- Expert reports, rebuttal reports, and declarations
- Deposition, trial, and hearing testimony
- Reviewing and rebutting opposing experts; supporting deposition and trial strategy
- Explaining complex technology to judges, juries, and arbitrators in plain terms
- Source code review and comparison; log and API traffic analysis
- Functional and performance testing against specifications and standards
- Reconstructing historical software environments and versions
- Analysis anchored to ISO/IEC, IEEE, and NIST standards

MATTER TYPES AND DOMAIN EXPERIENCE

Matters: patent infringement and validity (including PTAB) · trade secrets · antitrust · failed software installations · technology contract and billing disputes · complex commercial litigation · class actions and MDLs involving apps, algorithms, and AI · trademark and e-commerce · criminal defense

Domain experience includes: enterprise software · banking and payments · central banking and financial market infrastructure · airlines, travel, and loyalty · e-commerce · gig-economy platforms

SELECTED TESTIFYING ENGAGEMENTS

- *cxLoyalty, Inc. v. Maritz Holdings Inc.* (PTAB): expert declarations for the patent owner on internet loyalty program fulfillment software, cited by the Federal Circuit.
- *In re: Uber Technologies, Inc., Passenger Sexual Assault Litigation*, MDL No. 3084 (N.D. Cal.): testifying expert on technology, artificial intelligence, and mobile application software development.
- *Sterling Select II Advisory LLC v. Argus Information and Advisory Services, LLC* (S.D.N.Y.): testifying technology expert in a trade secret and breach-of-contract dispute.
- Airline technology: testifying expert in a federal case involving airline website operations, loyalty program systems, and antitrust claims.
- Technology services: testifying expert in two disputes between clients and technology services providers, assessing time and billing reasonableness against industry standards.
- Gig-economy platforms: testifying expert in state-court rideshare cases involving app and platform technology.

CREDENTIALS

BSE, Electrical Engineering & Computer Science, Princeton University, 1988, Magna Cum Laude · U.S. Patent 7,203,734 · Scrum Alliance A-CSPO and CAL 1

Continuously federally vetted since December 2012; most recently granted a Federal Top Secret Security Clearance in May 2026 on a DCSA Tier 5 investigation (2025)

Speaker: Sibos 2025, Frankfurt · Central Banking Forum, Federal Reserve Bank of New York, 2016 and 2017