



## David M. Ray

Manager

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## Background

David M. Ray is a manager at Aon, specializing in technology-based intellectual property litigation. He has several decades of experience in high performance and enterprise computing, systems architecture, and software development.

David's work at Stroz Friedberg includes extensive data analytics and management of cases in software copyright infringement, post-mortem analysis of software projects, and patent portfolio assessment. Aside from data analytics, his key areas of technical expertise include database management, parallel computing, speech recognition, electronic publishing, multimedia databases, language run-time environments, and operating systems. He holds an M.S. in electrical engineering and computer science from the University of California, San Diego, and an A.B. in mathematics from Brown University.

David joined Stroz Friedberg from Elysium Digital, which Stroz Friedberg acquired in 2015. Prior to joining Elysium, David was a vice president of enterprise architecture and technology research at Fidelity Investments, where he developed corporate standards for browsers, operating systems and hypervisors. He has also worked for a long succession of technology companies in the Boston area, including WatchPoint Media, Dragon Systems, D.E. Shaw, Naviant Technologies, Thinking Machines Corporation, and Compugraphic/Agfa.

## Professional Experience

- Elysium Digital, LLC, a subsidiary of Aon Corporation, Manager, 2019 – Present
- Stroz Friedberg, LLC, Manager, 2015 – 2019
- Elysium Digital, LLC, Computer Scientist, 2010 – 2015
- Fidelity Investments Inc., Vice President, Technology Research, 2004 – 2009
- Softlinx, Inc., Senior Solutions Architect, 2003 – 2004
- WatchPoint Media, Principal Database Architect, 2001 to 2003
- Dragon Systems/Lernout & Hauspie, Principal Software Engineer, 1999 – 2001
- D.E. Shaw & Co., Global Technical Liaison, 1998 – 1999
- Naviant Technology Solutions, Senior Consultant, 1995 – 1998
- Thinking Machines Corporation, Senior Application Engineer, 1988 – 1994
- Textet Corporation, Senior Software Engineer, 1985 – 1988
- Compugraphic Corporation, Software Section Manager, 1983 – 1984
- Simpact Associates, Consultant, 1982 – 1983

- SAIC, Senior Software Engineer, 1978 – 1982
- Rheinisches Landesmuseum, Trainee, 1977 – 1978

## Education

- M.S., Computer Science, University of California, San Diego, 1983
- A.B., Mathematics, Brown University, 1977

## Speaking Engagements

- July 2007: Presented “Technology Research for Enterprise Architecture” at World Architecture Forum, Bangalore, India.

## Media Appearances

- November 2000: "Geek of the Week: Audio Mining." Interview with Oracle eBusiness Network (OTN).

## Testimony

- *Global Computer Enterprises, Inc. d/b/a GCE v. Steese, Evans & Frankel P.C.*  
U.S. Bankruptcy Court, Eastern District of Virginia, Case No. 1:15-ap-01063  
Testified on behalf of Steese, Evans & Frankel (represented by Wilson Elser Moskowitz Edelman & Dicker), 2017.