

Dr. David P. Reed's work focuses on the transforming impact of digital technology on the design of technological, business, and social systems. His current explorations center on exploiting new information technologies that enable people in groups to be more effective, including densely scalable mobile networking, mobile computing, group information sharing, and infrastructures for electronic commerce.

He brings together research-level knowledge and experience of computer science, software, protocol and data architecture, system modeling, electronics, and signal processing along with commercial experience in R&D management, economics, and technology-based strategy.

In addition to his independent research activities, Dr. Reed is affiliated with the M.I.T. Media Lab, is a DiamondCluster Fellow, and is a member of the Vanguard advisory board. He continues to serve as an independent strategy/technology advisor to a variety of companies, including service on the technical advisory board of several startup ventures. He was previously a vice president and chief scientist at both Lotus Development Corporation and Software Arts, Inc. His career has also included research leadership at Interval Research Corporation, and earlier as a professor at M.I.T.

Dr. Reed received the B.S. ('73), S.M. ('75), E.E. ('76) and Ph.D. ('78) degrees from M.I.T. While a student and professor, he was involved in the original architecture and design of the Internet protocols (TCP, UDP, IP) and is the co-creator of the so-called "end-to-end argument" which is one of the key design principles of the Internet architecture. He also pioneered in coordination and resilience in scalable distributed computing architectures. He is a member of ACM, IEEE, Sigma Xi, and AAAS.