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Sponsored by: The Center for Faculty Development
Department of Mathematical Sciences, United States Military Academy



Abstract: IBM's Global Technology Outlook

IBM's Research Division prepares a technology outlook each year that examines the emergence and likely impact of a wide range of technical developments on our own business and that of our clients. In particular, we are interested in potential disruptions to existing business models, or technical developments that will enable new business models. We have been preparing the technology outlook for over 20 years, and have accumulated some interesting insights not only about the predictions we have made, but about the process for creating such an outlook. Dave McQueeney, VP of Software at IBM Research, will review the history and purpose of the technology outlook, and provide an overview of the recently published 2012 edition of the IBM Global Technology Outlook.

Bio

Dave McQueeney is the Vice President of Software and Business Analytics & Mathematical Sciences at IBM Research.

Dave's background covers a wide range of disciplines ranging from solid state Physics, to high-speed interconnect design, to distributed software development tools, to participation in a startup software company in Scientific Data Analysis, to Government-specific industry solutions. Dave has spent about half of his career as a researcher and research executive, and half in IBM's customer-facing units including Software Group, acting as VP of Technology and Strategy, Global Sales and Distribution, acting as the Global Government Solutions General Manager and leader of the Federal Systems Integration services unit.

Previously, Dave was Chief Technology Officer for IBM's US Federal Government unit. In that role, Dave worked with IBM's Federal Clients and IBM's Federal System Integrator partners to provide technical leadership across the domain of enterprise systems technology and architecture. Dave continues to work with several Federal clients on emerging technology issues.

Throughout his career, Dave has driven strong connections between IBM Research and IBM's clients, as well as the other units of IBM, most recently IBM Software Group. Dave was recognized by Consulting Magazine as one of the top 25 consultants for 2002, citing his work to make the innovations of IBM Research directly available to customers via IBM's Business Consulting Services.

Dave has held a number of other significant positions in IBM Research, including Director of the IBM Zurich Research Laboratory, Vice President of Communication Technology, and Vice President of Technical Strategy and Worldwide Operations.

He joined IBM in the Research Division in 1988. He holds an M.S. and Ph.D. in Solid-State Physics from Cornell University, and an A.B. in Physics from Dartmouth College.

Dave was recognized as one of the "Fed 100" top leaders in the Federal community for 2006 by Federal Computer Week magazine.