

HARVEY M. GATES

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EDUCATION:

Ph.D., Electrical Engineering, University of Denver, 1969
 “Expanding the Capability of Sequential Decoding for Deep Space
 Communications”
MS, Electrical Engineering, University of Denver, 1966
 “Radiation Effects on Selected Communication Semiconductors”
BS, Electrical Engineering, University of New Mexico, 1963

BRIEF CAREER SUMMARY:

Dr. Gates joined DMW Worldwide as a senior partner in 1997 and is now part-time. DMW was originally established in 1972 and reinstated in 1996. DMW Worldwide, Inc. is focused on network and Internet associated software technologies as well as used for strategy and investment management for various investment firms including Doll Capital, Palo Alto, CA. Offices are currently located in New York, Boulder, Colorado Springs, San Francisco, and Tokyo.

With DMW, Dr. Gates has been involved in developing, designing and deploying several large national and international private and public digital networks. The various network components include the use of intelligent multiplexers that dynamically route T-spans and SONET; network control and monitoring equipment; routers and bridges that support a large number of networks (LANs, MANs, and WANs); Virtual Private Networks (VPNs); digital telephone switches that are being migrated to the next generation Integrated Services Digital Network (ISDN) and Voice over the Internet; video teleconferencing systems; communication security: digital satellite terminals and satellite transponders; mobile radios, cellular telephones, pagers and Personal Communication Services; and next generation hybrid two-way cable TV. These networks are being designed to totally integrate various management information systems, Internet and Intranet client/server systems and processes, a wide variety of desktop PC's, large workstations, mainframe computers, Web file servers, digital telephony, and electronic entertainment processes. These are "no holds barred" customer commitments to excellence using the latest, state-of-the-art commercial products and services. Our Fortune 500 customers are well funded and have received strong support from their senior executives, boards of directors, and investors. Therefore, these programs are demanding and require premium talented manpower and productivity that is the hallmark of DMW Worldwide.

Clients have included several large stock and commodities exchanges, financial institutions, insurance companies, health care institutions, cable companies, local exchange and inter-exchange carriers, wireless carriers, direct broadcast satellite carrier, and entertainment companies.

Dr. Gates has been an adjunct faculty member of the Interdisciplinary Telecommunications Program (ITP) at the University of Colorado at Boulder since 1981. He has been teaching both in-class as well as distance learning with the Center for Engineering and Computer Sciences (CATECS) since 1986, and with the National Technological University (NTU) with offices in Ft. Collins since 1990. He has served extensively on thesis committees faculty committees during his University career.

Dr. Gates was a Senior Vice President at the BDM Federal facility in Boulder, Colorado until it was acquired by TRW in 1997. He served BDM for over 25 years where he managed and was responsible for the well being of a group of scientists, engineers, programmers, applied mathematicians, computer specialists, and technicians. He provided the overall technical leadership to the Boulder operation and therefore was directly involved in its program planning, development, and execution. He and his executive staff charted the overall short and long-term business strategies of the Boulder office that has experienced 12 years of continuous and profitable business growth and diversification. It is a matter of record that in his accumulated 25 years with BDM, he directed organizations and personnel who have, without exception, experienced sustained success, diversification, profitability, and growth.

Dr. Gates has focused his entire formal education and career in computer and communication sciences and applying these sciences to various customer applications. He maintains his leading edge in technology by teaching graduate level university classes and routinely instructing for national technology and professional development seminars.