

Payam Maveddat is Director of network Planning for Nortel Networks' Wireless Solutions group in Richardson, Texas, involved in development of ground systems architecture, network planning, systems integration, and technology development for satellite broadband communications and mobile networks. He is also responsible for business development and technology marketing for Nortel's Satellite Network Solutions business unit.

He received his B.S.E.E. with high honors from University of Iowa in 1982, M.S.E.E. from Georgia Institute of Technology in 1984, and MBA in international management from University of Texas, Dallas, in 1994. He has applied for multiple patents in areas of wireless network performance and cost optimization, wireless local loop (WLL), satellite broadband ground systems architecture, and mobile satellite systems and has published many papers on Wideband/Broadband ISDN, WLL, Satellite Networks, and Wireless Network Planning at international telecommunications conferences and seminars. He has been an invited speaker to many international conferences to provide his views on directions in wireless and satellite technology. He is currently on the industry advisory board for University of Iowa School of Electrical Engineering for research on 4th Generation Wireless System funded by the National Science Foundation.

From 1984 to 1990, he worked as a Member of Technical Staff for AT&T Bell Labs (Lucent Technologies) Advanced DSP Department, responsible for hardware and ASIC design and development of integrated access and cross-connect systems. He joined DSC Communications in 1990 as a Senior Member of Technical Staff as an architecture of next generation flexible access and multiplexing equipment for customer premises networks. Since 1992, he has been working as a systems engineering for planning and deployment of wireless and broadband products and networks for Bell-Northern Research/Nortel.

His areas of interests are in role of telecommunications in social-economic development and human prosperity, primarily in less developed regions of the world. He enjoys playing tennis and riding bicycles. He is an active member of civic organizations to promote racial harmony and gender equality in North Dallas.