

Dr. Roy received his B.S. EE and B.S. Physics degrees from M.I.T. in 1972, an M.S. Physics degree from Stanford in 1973, and the M.S. EE and Ph.D. EE degrees from Stanford in 1975 and 1987 respectively. His Ph.D. research was in the field of digital signal processing, specifically estimation, parameter identification. Dr. Roy has been involved in the intelligence industry while with ESL/TRW, the oil-well services business, and the aerospace industry over the last twenty years. From 1973 through 1993, he was a member of the Information Systems Laboratory at Stanford University as a graduate student and a research associate, and was also a consultant to industry working in the areas of parameter estimation and system identification with applications to control and communications systems during that time. In April of 1992, he cofounded ArrayComm, Inc., a California corporation involved in the development of intelligent antenna products based on its proprietary SDMA technology for wireless telecommunication applications. The company currently has strategic relationships with several of the world's largest telecommunications firms and is developing smart antenna-based telecommunication systems for deployment in various markets around the world.