



The President's National Security Telecommunications Advisory Committee



Committee Member Biography

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Dr. Joseph E. Fergus
Founder and Chief Executive Officer
Communications Technologies, Inc.

Dr. Joseph E. Fergus is founder and chief executive officer (CEO) of Communication Technologies (COMTek). Under his leadership, COMTek has received the INC. 500 Award for the Fastest Growing Privately held Telecommunications Services Company, the Deloitte's Technology Fast 50, the Washington Fast 50, and the Top 500 Award by Diversity Business, among others. COMTek was also the first company in the United States to deploy broadband over powerlines on a citywide basis.

Prior to founding COMTek, Dr. Fergus spent approximately eight years at AT&T Bell Laboratories, where he contributed to the development and deployment of Signaling System Number 7 and many of its capabilities, including caller identification, seize circuit procedures, and intermediate signaling network identifier. Dr. Fergus also formerly served as the chairman of the SS7 Message Transfer Part Working Group, as well as chairman of the Signal Network Interconnection Subcommittee within the American National Standards Institute. He also holds a patent on computer security algorithms.

Dr. Fergus received his doctorate of humane letters in science from Norfolk State University. He holds a master's degree in electrical engineering from the University of Illinois and a bachelor's degree in electrical engineering from Norfolk State University. Dr. Fergus is also a Vietnam-era veteran.

