



Dr. Joseph E. Fergus is the founder and CEO of privately-held Communication Technologies, Inc. (COMTek), a leading-edge telecommunications and information technology services company headquartered in Chantilly, Va. Dr. Fergus founded the company in 1990 and has spearheaded its astounding growth to nearly 1100 employees today. In 2004, Dr. Fergus' leadership was recognized nationally when COMTek earned a spot on the prestigious "Inc. 500" list of the fastest-growing private companies in America. The company has received awards for its support of employees and families of employees who serve in the National Guard and Reserve, including those currently deployed to the wars.

COMTek is the first company in the United States to commercially deploy Broadband Over Powerlines (BPL) technology on a citywide basis, and is considered the Nation's foremost authority on the operation of BPL networks. COMTek is one of a handful of available facility-based Global Broadband Service Providers, offering secure broadband services worldwide. For its work in the development of military training technology, COMTek is a recipient of the prestigious Department of Defense Nunn-Perry Award for Excellence.

Dr. Fergus is also the founder and CEO of nexGrēn, Inc., a green technology company, providing unique and innovative products and solutions for computer data security.

Joseph Fergus achieved both his technical expertise and management experience during his nine-year tenure at AT&T Bell Laboratories. It was at Bell Labs that he first emerged as a telecommunications leader, having spear-headed research and development efforts in leading-edge technologies. Among his unique accomplishments are: the creation of the Charge Number Parameter in Signaling System No. 7, which is designed to carry caller identification (i.e., commonly known as caller ID) across networks (used in all SS7 networks today); creation of the Intermediate Signaling Networks Identifiers which is designed to identify all intermediate networks during call establishment; and work in research and development of the Integrated Services Digital Network (ISDN), Intelligent Networks (IN), and Open Systems Interconnection (OSI). These technologies have emerged as industry standards and are now used in nearly every aspect of today's telecommunications marketplace.

Dr. Fergus holds a patent on computer security technology and he has served as the chair on key industry committees responsible for setting the technical direction of industry standards (including ANSI and ITU-T, formerly CCITT). Fergus was a faculty member of the National Communications Forum and a published author on the subject of Signaling System No. 7 and Telecommunications Matters.

Fergus is from the Island of St. Croix in the U.S. Virgin Islands. He received his Doctorate of Humane Letters from Norfolk State University in 2004. He holds a Masters Degree in Electrical Engineering from the University of Illinois and a Bachelors Degree in Electrical Engineering from Norfolk State University. Dr. Fergus is a Vietnam-era veteran of the U.S. Navy.