



Dr. Kenneth C. Budka is Chief Technology Officer of Alcatel-Lucent's Strategic Industries group, a division of Alcatel-Lucent dedicated to the development and deployment of mission-critical communications systems for public safety, energy, transportation and government markets. Dr. Budka led Bell Labs' R&D effort to support mission-critical public safety wireless communications using commercial broadband technologies. This effort led to a number of events in the ongoing transformation of public safety communications in the U.S., including: Alcatel-Lucent's deployment in Washington, D.C. of the first Public Safety Broadband Network built using open-standard

wireless technologies, Alcatel-Lucent's proposal to the Federal Communications Commission (FCC) to create a broadband-only block in the Public Safety 700 MHz band, early advocacy in support of constructing a nationwide public safety broadband network, and the Nation's first over-the-air LTE transmissions in the Public Safety 700 MHz band. Dr. Budka recently served as Vice-Chair of the 15-member Technical Advisory Board for First Responder Interoperability, a board established by the U.S. Congress to set minimum technical interoperability requirements for the Nationwide Public Safety 700 MHz Broadband Network, FirstNet. Dr. Budka received the Ph.D. and M.Sci. degrees in Engineering Science from Harvard University in Cambridge, Massachusetts and the B.S.E.E. *summa cum laude* from Union College in Schenectady, New York. He is a Senior Member of the IEEE and holds 21 patents