Two-way radio is a technology that allows individuals to keep in contact with each other using radio waves. Each user is given a radio unit which sends and receives audio and data sent over the radio waves. A two-way radio system can be as simple as two radios connecting directly to each other, or as complex as an encrypted network that covers an entire country. Two-way radio systems can have infrastructure installed around the area of coverage which makes the range of the system only limited by the amount of equipment you can afford to install. Two-way radio repeaters can extend signals over a large area and can be joined together through other means such as the internet to create connected pockets of coverage (such as a multi-site university campus). Two-way radios are available in mobile, stationary base and hand-held portable configurations. Hand-held radios are often called walkie-talkies or handle-talkies. A push-to-talk or Press To Transmit button is often present to activate the transmitter. This is a US Air Force translation of a Soviet-era, Russian-language book. See also, "Inadequate System Capacity," "Special Report: Improving Firefighter Communications," USFA-TR-099/January 1999, (Emmitsburg, Maryland: U.S. Fire Administration, 1999) pp. 18-19 and "5.2 Present System," "The California Highway Patrol Communications Technology Research Project on 800 MHz", 80-C477, (Sacramento, California: Department of General Services, Communications Technology Division, 1982) pp.