HISTORY OF ELECTRONIC SECURITY AND COMMUNICATIONS

SECUREPCN™
PRIVATE CELLULAR NETWORKS

Year	Event	Detail
1844	The Telegraph was invented by Samuel Morse	
1853	1st electro-magnetic alarm system was patented	Augustus Pope patented it. Until this point, people relied on noise from animals, guard dogs or mechanical ringing to catch intruders.
1857	Rights to the patent were purchased by Edwin Holmes	Edwin Holmes buys the rights to Pope's invention. He is considered By many to be the founder of electrical alarm systems
1871	ADT was formed; first central monitoring station	Edward Callahan helped form American District Telegraph (ADT), which started in NYC and divided city into districts that were connected..
1890-	1st proactive security and response service - Roundsmen	ADT started Roundsmen and introduced Roundsmen who would make rounds each night to customer's homes.
1905	AT & T purchases Roundsmen	The American Telephone and Telegraph Company (AT & T) purchases Holmes home security business.
1949	George Orwell's book 1984 published; discusses video surveillance	With this book, government video surveillance becomes a conversational, if not scary, topic.
1960	RS-232 introduced for serial communication transmission	It formally defines signals connecting between a a DTE (such as a computer) and a DCE (such as a modem).
1962	Study published on life-saving potential of smoke detectors	A team of Canadian researchers' paper led to development of new policies and standards.
1966	Home video security system invented; remote control door openers	Nurse Marie Van Brittan Broam invented.
1970s	Video surveillance being used in home security systems	
1979	Ethernet system is standardized	Developed about 5 years earlier by Xerox and PARC, DEC and Intel join in to standardize the system for everyone to use.
1984	Home automaton tech spreads to household devices	Including garage doors, security systems, infrared control, fiber optics, environmental control and more.
1980s	Infrared technology was introduced in home security	Infrared technology introduced to home security systems so that sensors could minimize false positives.
1996	USB (Universal Serial Bus) developed	USB was designed to standardize the connection of peripherals to computers, both to communicate and for power.
1990s	A lot of devices are being connected to the internet	Everything is being connected to the internet because "it can" but the internet was never developed with security in mind..
2001	911 Happened	Many companies realized that their systems were not secure and their communications not adequate.
2007	1st Generation iPhone released	The introduction of Apple's iOS mobile operating system and the proliferation of Smart Phones leads to remote security system monitoring.
2014	NIST creates standards for cyber security	National Institute of Standards and Technology creates standards for cyber security.
2015-	Mesh networks for small networks appear	Claim that it would solve Wi-Fi problems by improving coverage, speeding networks, and eliminating hassle.
2015-	Cellular connected devices appear	
2020	Private Cellular Networks are being deployed	

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