

Huawei Technologies Ltd. is the second-largest telecommunications manufacturer internationally, and still growing. Based in Shenzhen, China, Huawei has aggressively tried to enter the United States market but with limited success. As of October 2012, the House Permanent Select Committee on Intelligence (HSPCI) recommended that the United States consider the long-term security risks of working with Chinese telecommunications manufacturers and view their penetration of the telecommunications market with suspicion.

Background/Huawei USA/Futurewei

Huawei entered the U.S. in 2007 with unbranded feature phones and USB dongles for predominantly prepaid carriers. Since then, it has been steadily building relationships with carriers, adding devices like smartphones, hot spots, and even a tablet to mid-tier and top-tier carriers, some of which even get Huawei's logo painted onto the device. Subsidiaries within the United States include Huawei USA and FutureWei, probably the same organization.

Huawei is currently hiring in the following US communities and has 14 offices total:

- Atlanta, GA
- Bridgewater, NJ
- Herndon, VA
- High Point, NC
- Plano, TX
- San Diego, CA
- Santa Clara, CA
- Seattle, WA

According to their website Huawei USA funds a number of research and collaboration programs at the following universities: Harvard, MIT, Stanford, University of Texas- Austin, UC Berkeley, University of Michigan, University of Maryland, and North Carolina State.

Known Vulnerabilities

Researchers at the hacker conference DEFCON 20 in July 2012 demonstrated that vulnerabilities in the firmware of routers could be exploited to intercept traffic and take control of the device over the internet. The researcher described the router as having "code quality pretty much from the '90s."¹

Sampling of US Corporations partnered with Huawei

- Verizon^{USPER}-Verizon Wireless Home Phone Connect²
- Cricket^{USPER}- Multiple products including Huawei Boltz 4G Modem, the first 4G device for Cricket³
- AT&T^{USPER}- Impulse Phone, 4G tablet⁴
- T-Mobile^{USPER}- Two models in MyTouch series⁵
- Microsoft^{USPER}- Windows 8 phone Ascend W1⁶

¹http://www.computerworld.com/s/article/9229785/Hackers_reveal_critical_vulnerabilities_in_Huawei_routers_at_Defcon

²<http://www.verizonwireless.com/plans-0/b2c--splash--hpc.jsp.shtml>

³<http://www.mycricket.com/broadband/datacard/huawei-boltz-e397>

⁴<http://www.att.com/gen/press-room?pid=20970&cdvn=news&newsarticleid=32712>

⁵<http://www.pcmag.com/article2/0,2817,2406921,00.asp>

⁶http://www.cnet.com/8301-17918_1-57457905-85/huawei-commits-to-ascend-windows-phone-8-handset/