



DECT 6.0 Wireless Security Statement

Wireless Security and Plantronics Audio Devices

DECT 6.0

DECT is a 1.9 GHz voice-dedicated wireless frequency that is not only secure, but (depending on the device) provides up to 350 ft. of range between a device and its base station. The added benefit of a voice-dedicated frequency is that there is no interference from wireless networks or other devices that operate using a wireless frequency.

DECT 6.0 is the name (created by DECT Forum) given to the version of the standard intended for operation in the United States market. DECT 6.0 is basically identical to European DECT with a minor adaptation in the Physical Layer (different frequency and power levels) as required by the FCC.

PLANTRONICS DEVICES FEATURING DECT 6.0

In Plantronics DECT wireless headset systems, the headset communicates to the base (or USB adapter in the case of Savi 400 Series products) through DECT 6.0.

The following is a list of current Plantronics products that feature DECT 6.0 technology:

- CS500 Series (CS540, CS520, CS510)
- Savi 400 Series (Savi 430, Savi 440)
- Savi 700 Series (Savi 740, Savi 730, Savi 720, Savi 710)
- CT14 (analog cordless phone system)

PLANTRONICS DEVICES AND DECT 6.0 SECURITY

Plantronics is a member of the DECT Forum and we fully adopt any recommendations of the DECT Forum for enhancements to security implementation within our products. In late 2008 at the 25th Chaos Communication Congress in Berlin it was reported that a research team outlined how to eavesdrop on DECT based telephony conversations. This information was taken very seriously by the members of the DECT Forum. An effort has been underway since that time to address these and possible future security gaps in the DECT protocol. The DECT Forum recommended that vendors incorporate authentication and encryption into DECT devices.

Plantronics DECT-based products have always included authentication and encryption. The DECT 6.0 wireless link in Plantronics devices provides commercial-grade security against eavesdropping. Protection against deliberate eavesdropping takes the form of user authentication and 64-bit true digital encryption of voice data according to the ETSI standard algorithm EN 300 175-7. Even if an eavesdropper attempted listening to the radio channel he would hear only a buzzing sound, rather than voices, because the transmission is digitally coded and encrypted.

Plantronics DECT devices are HIPAA compliant and Sarbanes-Oxley (2002) sec. 404 compliant. This statement is based on the compliance of the encryption measures incorporated in the product with the requirements of USA regulation 45 CFR 164.312(a)(2)(iv).

INFORMATION/RESOURCE LINKS:

- Plantronics Technical Assistance Center: www.plantronics.com/support or (800) 544-4660 (U.S./Canada)
- DECT 6.0 information: www.etsi.org