

## Did you know?

- That DECT was the second ever technology to be standardized by ETSI. The first was GSM.
- ...that when you call emergency services, very often the person you reach is using a DECT Phone or headset?
- ...that when your flight is coming into land, your flight control centre and ground staff may be communicating with DECT
- ...when your vital signs are being tracked in a hospital bed, that the stats are often being sent via DECT to your nurses and doctors
- ...if you suffer from Epilepsy, DECT can ensure that the responder is alarmed immediately
- ...that some power plants with mission critical quality of service requirements for voice and data rely on DECT for their internal communications system?
- ...that Police may be communicating with DECT at public demonstrations
- ...your favourite football teams referees are more than likely using DECT to communicate with the other officials.



## Here are a few other facts that may interest you about DECT

### Market Size Matters:

**Ubiquitous:** With over 1 billion DECT systems in the market and about 3 billion chip sets worldwide, DECT is a fixture in every European home and workplace.



**Current:** Over 90 Million residential systems and 45 million enterprise systems are sold per annum and since the migration of the DECT base station into the broadband home gateway, both IP voice in HD quality and Ultra Low Energy battery powered sensor networks are supported by one and the same radio. Indeed DECT ULE now features in many voice activated services.



**Diverse:** Cutting the cord not only applies to telephony. DECT and DECT ULE are key wireless components in demanding environments, such as Blue Light emergency services, Industrial, Smart City, Smart Home and Building, Healthcare, Programme Making and Special Events (Broadcasting).

High density environments such as warehouses may also rely on the self configuration capabilities of DECT and ULE to efficiently and reliably control up to 1000 clients per base station.

In tomorrow's smart cities even the rat population and the potential for the spread of harmful diseases can be controlled by ULE.

**DECT for professional environments:** DECT is also present in Call Centres, schools, hospitals and campuses using wireless headsets, microphones and corporate conferencing systems. No other technology can support such a high density of live users without drop-outs or interference.

**Mission Critical:** DECT's intelligent dynamic channel allocation ensures that every connection is the best connection available, essential for emergency Blue Light services and for a multitude of outdoor applications.

**Looking Ahead:** With feature requirements like ultra-low latency (<1ms) and high reliability, there are many new potential vertical markets for DECT and ULE with more emphasis placed on speed of reaction, and precision.

**Professional Audio:** Wireless microphones with extremely low latency, wireless speakers with long range, even Assistive Listening Systems are all part of the current and future diversity of DECT.

**Industrial:** The factories of the future will profit from a local area technology with high quality of service for voice and data applications, for "wired-like" lower latency and faster response times.

**DECT and ULE are all around us, delivering services we rely on every day.**

**These characteristics are also driving a safer and more reliable Internet of Things**



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