

**27 April, 2010****To:**

**Advisor (MN) Mr. Sudhir Gupta**  
Telecom Regulatory Authority of India  
Mahanagar Doorsanchar Bhavan,  
Jawahar Lal Nehru Marg,  
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**SUBJECT:** Request for comments on "Allocations of Spectrum for Technologies such as DECT, to meet the Residential and Enterprise Intra-Telecommunication Requirements" Dated February 19, 2010

**Respected Mr. Sudhir Gupta,**

DSP Technology India Pvt. Ltd. appreciates this opportunity to respond to the request by TRAI for comments on "Allocations of Spectrum for Technologies such as DECT, to meet the Residential and Enterprise Intra-Telecommunication Requirements".

DSP Technology India Pvt. Ltd is headquartered in Bangalore and is actively pursuing research and development activities in the DECT technology.

Firstly, I like to express full support to the paper placed on TRAI's website at <http://www.traai.gov.in/WriteReadData/traai/upload/misc/134/Proposal.pdf>. For Indian consumers, I see several benefits from DECT technology:

1. **Low cost:** DECT offers the low cost in-home wireless voice communication. In addition to voice, DECT can also be used as cost effective data communication technology.
2. **Low radiation:** DECT uses very low power and hence causes lot less radiation. Not only this reduces power consumption, it also reduces impact on human health due to radiation.
3. **No interference:** DECT technology does not interfere with any other wireless technology and hence it can co-exist with any other technology.
4. **Better voice quality:** DECT provides excellent voice quality for in-home wireless communication. With the next generation of DECT technology (called CATiq), High Definition (wide band) voice communication and data services can be offered to end users in a cost effective way.
5. **Employment:** DECT standard in India can allow local manufacturing units to make the DECT based wireless phones creating huge employment opportunities. In addition to further reducing the cost of DECT local manufacturing can tap into huge export market.
6. **Security application:** In addition to high quality voice communication, DECT technology can be used for home security applications.

Respectfully submitted,

Mehul Mehta  
Director, DSP Technology India Pvt. Ltd.