

## Optimizing Open Plan Office Acoustic Designs

August 13, 2010 For immediate release

If you design offices these days, your design is likely to incorporate a high percentage of open plan office space. **When viewed on a plan drawing, open plan office spaces look deceptively simple.** It is often what is not seen, however, that determines whether the space will effectively fulfill its purpose.

Worker conversations and noise from HVAC equipment are invisible to the eye. **Achievement of adequate speech privacy between workers and control of ambient noise levels are paramount requirements for creation of functional open plan workspace.** These objectives cannot be met by using the traditional “visual” design process alone.

**Spectra Tech is a consulting firm that specializes in acoustics, noise control, and audio-visual systems design.** Our staff has extensive experience in achieving targeted acoustical performance in open plan and traditional office space designs. **Our services complement the work of other members of your project design team.** We contribute to the design by:

- assisting in the optimization of space layouts
- assisting in the selection of interior surface finishes
- providing guidance on how to achieve optimum ambient noise levels through control of HVAC system noise and / or introduction of “white noise” masking sound
- designing conference audio / video / teleconference systems best suited for each room and its intended usage

**Our staff also has extensive experience in correcting acoustic, noise, or communication problems in open plan and traditional office spaces.** If only we could have been involved in the initial design! **Retrofitting necessary design elements after initial construction and occupancy adds considerable expense that could have been avoided by addressing the issues in the original design.**

Virtually all of your projects can benefit by retaining Spectra Tech to serve on your project design teams. We can assist you to eliminate uncertainties related to acoustics, noise and A/V communication. **Why not give Spectra Tech a chance to prove our value to you and the facility owner?**

Visit the Spectra Tech website at [www.SpectraTechLtd.com](http://www.SpectraTechLtd.com)