



Accenture

Fenchurch Street, London



Primary objectives

- Speech privacy
- Reduce interruptions
- Comfort

Products used

- LogiSon sound masking
- Reverb panelling

Scope of work

- 'Callisto' area

Technology services and management consulting firm Accenture required improved privacy for their phone booths and open plan areas.

Accenture's 'Callisto' area comprises a small open plan office flanked by 5 phone booths for private calls. The area is designed for senior management to drop in and carry out focus work. Untreated, the space provided little in the way of acoustic privacy whilst conversations leaking from the phone booths created distractions for those working in the open plan.

To ensure that privacy was achieved and distractions were reduced Workplace Creations engaged the Acoustic Comfort team from Screen Solutions to design, install and commission the LogiSon Acoustic Network sound masking system to the booths/open plan and install Reverb 25 acoustic panelling to control reverberation inside the booths.

The solutions were installed overnight with no disruption to the business.



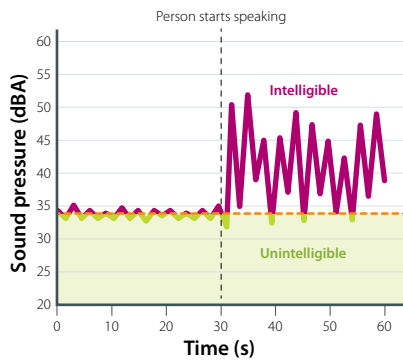
Sound level tests

Illustrative tests

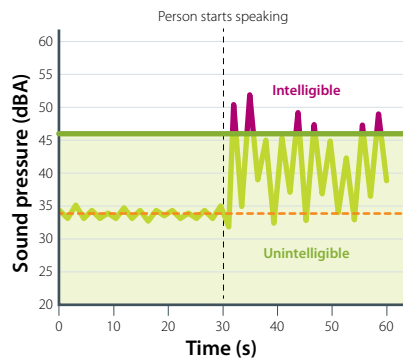
These example test results measure sound leaking from a closed meeting room into an open plan area.

- For both tests, a person was positioned in the conference room with the door closed.
- Sound pressure measurements were taken in the open plan area.
- For the first half of each test, there was no speech.
- For the second half, the person in the conference room spoke with a 'presentation' voice.

Before treatment



After treatment



How sound masking works in closed offices

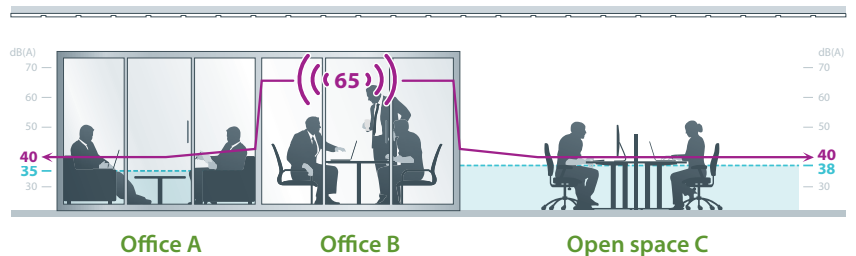
The problem

Low background noise level

Noise coming from office B is distracting people working in adjoining spaces A and C.

Background noise is measured at 35dB(A) in office A and at 38dB(A) in open space C. Measured sound levels in office B are recorded at 65dB(A) and can be heard in adjoining office A and open space C at 40dB(A).

Without sound masking



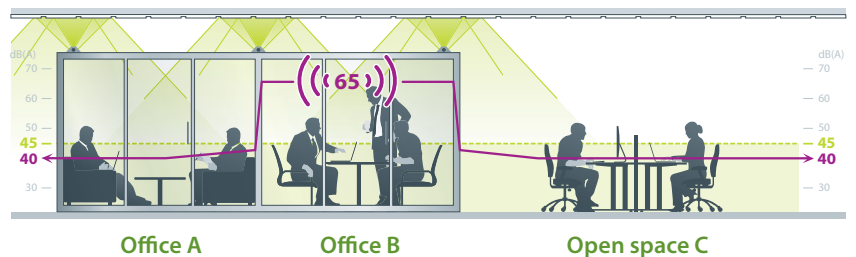
The solution

Raise the background noise level

To prevent conversations from being overheard the background noise level in A and C must be higher than the disruptive noise coming from office B.

Adding sound masking raises the background noise level in A and C to 45dB(A) which is just high enough to make conversations from B difficult to hear and therefore less distracting.

With sound masking



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