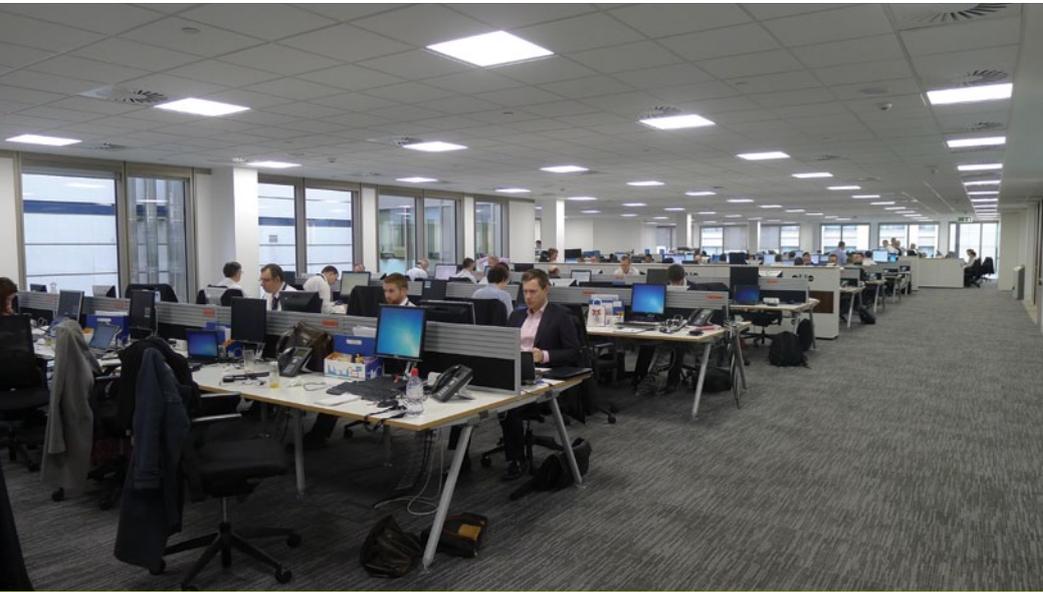




Capita

Gresham Street, London



Primary objectives

- Speech privacy
- Reduce interruptions

Product used

- LogiSon sound masking

Scope of work

- Open plan and meeting areas (100,000 sq ft)

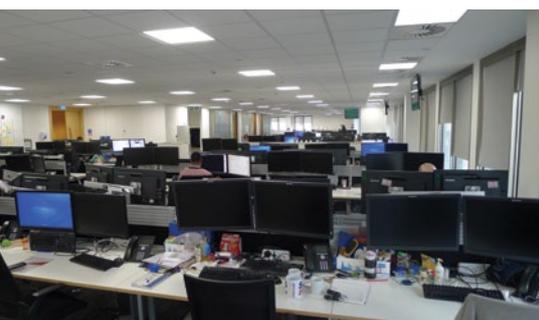
Increasing privacy levels and reducing interruptions across 3 floors and 100,000 square feet of open plan and meeting areas.

Property and infrastructure firm Capita moved into 65 Gresham Street at the start of 2014. With a number of buildings in their portfolio throughout the UK already successfully treated with LogiSon sound masking, Capita were keen to add this to their new London HQ.

As a long-term LogiSon customer, senior management at Capita knew the importance of providing a productive working environment for over 1000 staff members across the 3 floors, which is why LogiSon was a key element to this fit out.



Layout of LogiSon sound masking



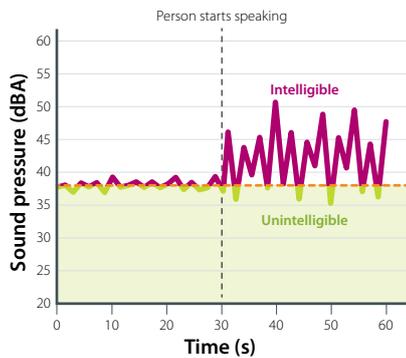
Sound level tests

Illustrative tests

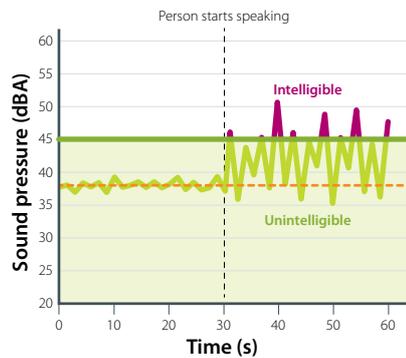
These example test results measure sound travelling across an open plan space.

- For both tests, a person was positioned at the same desk.
- Sound pressure measurements were taken at a distance of 12 metres from the desk.
- For the first half of each test, there was no speech.
- For the second half, the person at the desk spoke with a 'telephone speaking' voice.

Before treatment



After treatment



Key:
 Intelligible sound
 Unintelligible sound
 Noise floor
 Masking level

From the client

"Although we as a business have used LogiSon sound masking for a number of years in several of our other buildings, this is the first experience I have had with it personally. In all honesty I was unaware we had sound masking until it was pointed out to me, which goes to show how unnoticeable it is."

"I am fascinated by the fact that you can stand and watch a conversation from a few meters away and not be able to make out what is being said. Considering we have close to 1500 staff in one building, I've never known such a calm office"

Tina Maxim
 Facilities Manager London

How sound masking works in open plan spaces

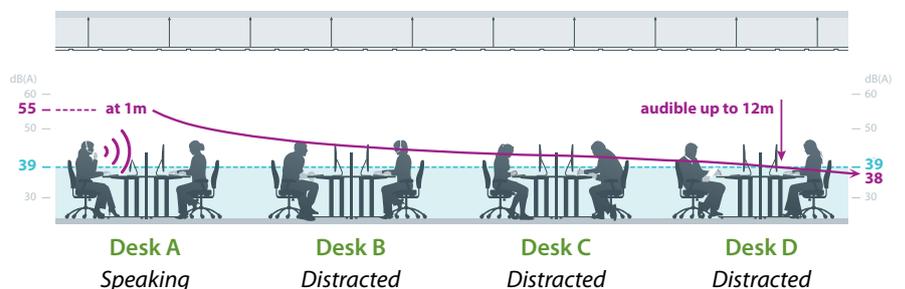
The problem

Low background noise level

Noise from an employee on the phone at desk A is distracting to employees at desks B, C and D who are trying to concentrate.

With no one talking background noise is measured at 39dB(A). Sound levels from the employee speaking at desk A are recorded at 55dB(A) at 1m distance and heard over 12 metres away at desk D at 38dB(A).

Without sound masking



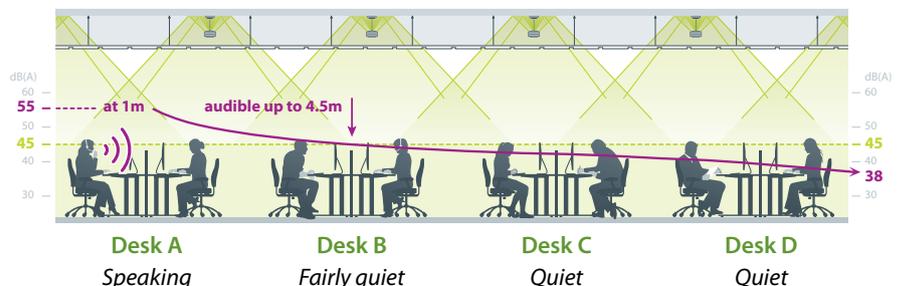
The solution

Raise the background noise level

To prevent conversations from travelling across the space the background noise level must be higher than the disruptive noise coming from desk A.

Adding sound masking raises the background noise level to 45dB(A), making conversations from desk A inaudible beyond desk B. In this example the distance at which conversations can be heard is cut from 12 to 4.5 metres.

With sound masking



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