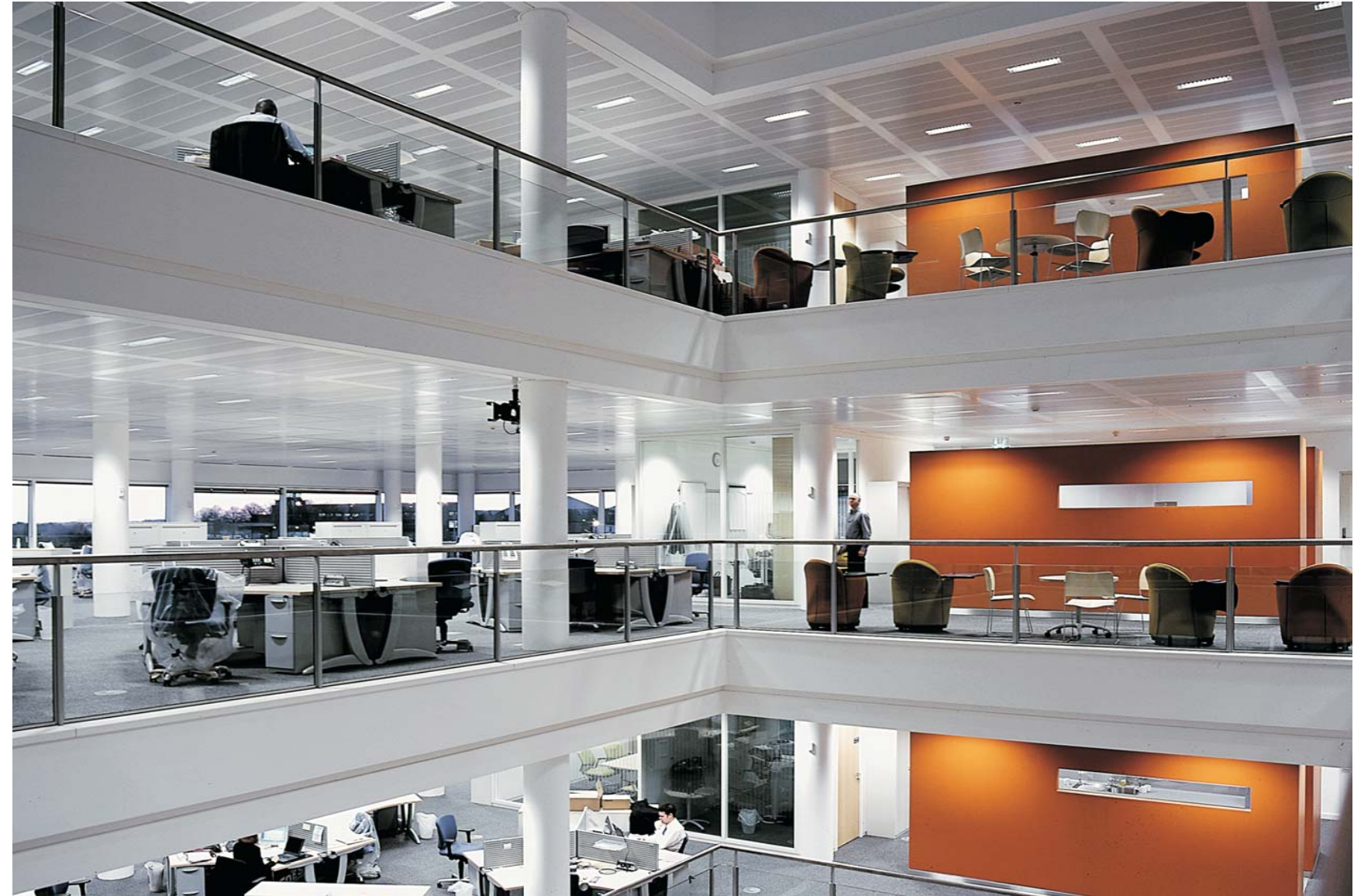




BT Leavesden Park - Watford



*passive beams need a large
free area..
...not anymore*

Year 2001/2002

Passive chilled beams were the chosen solution for this high-occupancy call centre, however the client required that the ceiling appear as 'normal' as possible. Large perforations with an excessive free area were ruled out at an early stage. By utilising Frenger's unique Radiant/Convective passive beam technology it was possible to meet project cooling requirements with a 28% free area ceiling perforated with 2.4mm holes.

It was also a requirement of the design team that the internal environment be as comfortable as possible. The much lower air velocities created by the innovative chilled beam technology meant that the system could easily achieve the comfort criteria identified in ISO:7730.

*client
architect
consulting engineer
main contractor
m&e contractor*

*BT
BDP
Capita
Tilbury Douglas
Interserve*