

External Screens Case Study – *Cummins Generator Technologies, Peterborough*

Envioblinds were contracted by Cummins Generator Technologies to resolve excessive overheating at their international head office in Peterborough.

The double height atrium with curtain wall glazing to three elevations is exposed to the morning and evening sun leading to uncomfortable overheating and problems with glare from the sunlight.

Envioblinds supplied and installed external motorised screens in a weather resistant mesh fabric that maintains the view outside from the inside, whilst blocking out the heat and glare from the sun. An essential requirement was for the 24 hour security guard, who is based in the atrium, not to lose the view outside the building whilst concealing the view of the security CCTV screens from the outside. Envioblinds cleverly mask the inside contents of a building whilst allowing the view outside.

It was vital to provide a visually attractive solution that compliments and blends in with the existing atrium. Thanks to Envioblinds complete choice of RAL colours, a perfect colour match was achieved for the existing window frames and the metalwork of the new screens. The screens are ideal for large retrofit window projects as they can be made up to 5m wide and cleverly roll up into a small external box. Motorised and easy to operate with a wall mounted switch, the screens were supplied with an adjustable sun/wind sensor to automatically raise or lower the screens according to the weather.

