

FOR IMMEDIATE RELEASE

MechoAutomation Featured at 2014 Ecobuild Conference

ExCeL Centre, London, 4 March 2014 – MechoSystems is a global leader in the design and manufacture of interior window treatments, with a wide range of custom made manual, motorised and automated roller shading solutions. At this year's Ecobuild Conference, visitors will gain essential knowledge about MechoAutomation at Stand S550.

MechoSystems' powerful automation strategies enable users to boost energy efficiency while decreasing lighting, HVAC and energy costs. Together with automated lighting control, MechoAutomation creates a unified approach to better lighting efficiency, thereby saving energy and meeting sustainability goals.

MechoAutomation consists of:

SolarTrac® or SunDialer® WindowManagement®

- The sun is tracked and roller blind positions are automatically adjusted against the windows.
- Real time sky conditions are monitored throughout the year.
- Daylight harvesting opportunities are maximised, whilst a view to the outside is preserved.
- Building occupants are provided with a comfortable environment free of brightness, glare and solar heat gain.
- Works in conjunction with other integrated building management and or lighting control systems.

The new headquarters of the Walsall Housing Group (WHG) is an example of how MechoAutomation combines with unique site specific architecture to provide a comfortable, productive environment for building occupants.

The space was initially built with lighting and floor to ceiling glass etched with a graphic design across the façade. Although natural light from the huge exterior windows helped to illuminate the interior of the building, it also produced unwanted glare and heat. SunDialer was selected to automatically adjust the shade positions to manage glare and heat to improve occupant comfort and energy efficiency. Upon completion of the WHG project:

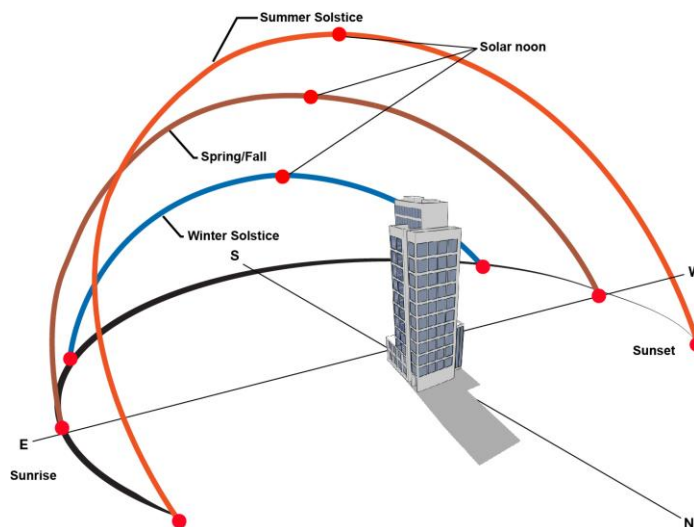
- Occupants have reported no glare issues.
- Thermal comfort with minimal heat gain has been reported.



- Views to the outside are maximised throughout the building.
- The large windows are an asset, rather than a source of concern and avoidance.



Walsall Housing Group uses SunDialer® to automatically adjust roller blind positions based on real time sky conditions. Walsall image available in high resolution at www.mechosystems.co.uk/news/graphics.



MechoSystems maps the geospatial relationship of the building to the sun, thereby providing a site specific, solstice appropriate solar penetration angle for each façade. Coupled with real time sky monitoring, automatic systems ensure optimal adjustment of roller blinds for maximising occupant comfort and to support Part L building rule objectives. Sky dome image available in high resolution at www.mechosystems.co.uk/news/graphics

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