



TRANSFIELD SERVICES

Solutions in lighting management

CASE STUDY



TRANSFIELD SERVICES

VICTORIA

Transfield Services recently engaged ECS to design and install an energy saving lighting control system in its corporate HQ building in Malvern. The result is a state of the art system that has returned an impressive 56% saving on energy used by lighting.

The resultant 2.4 year payback and greenhouse gas savings of 180 tonnes CO₂ per annum describes not only an excellent environmental initiative, but also a great investment. The system was retrofitted over 2 weekends so as not to disrupt business.

Installed over the building's two office levels, The MLS ensures that lighting is on only where and when required. Occupancy detectors above each space monitor the actual occupancy of the entire installation. Vacant areas are switched off automatically.

The MLS offers the convenience of switchless operation, the reliability of high precision occupancy detection and the promise of significant energy savings for the life of the installation.

Staff have embraced the system for its simplicity and effectiveness and the MLS is now proposed for several buildings in Transfield's portfolio.

KEY OUTCOMES

COST SAVINGS

\$17,000 PER ANNUM

GREENHOUSE GAS SAVINGS

180 TONNES CO₂ PER ANNUM

PAYBACK

2.4 YEARS

KEY SOLUTIONS

GUARANTEED SAVINGS PROJECT INCORPORATING MANAGED LIGHTING SYSTEM TO CONTROL ALL LIGHTING IN RESPONSE TO ACTUAL OCCUPANCY



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