

# Bank of Muscat, Oman

► Please find detailed information of this project in our customer magazine FLASH, issue 21



## ▼ Project data:

- \_\_ Client: Bank of Muscat
- \_\_ Main contractor: Galfar
- \_\_ Architect: W. S. Atkins
- \_\_ Lighting concept/design: W. S. Atkins
- \_\_ Tridonic Distributor: Zubair Electric LLC
- \_\_ Application: Office and education
- \_\_ Product group: luxCONTROL

**SMART sensors and switches from Tridonic are helping the Bank of Muscat ensure that high quality lighting is combined with energy efficiency at its headquarters building in Oman.**

In designing its new headquarters, the Bank of Muscat placed a high priority on sustainability and this is reflected in the design of the lighting for its open plan offices. At the heart of the system are Tridonic's DSI-SMART PTM remote sensors and SMART switches, which were selected for their ability to precisely meet the project's requirements at a sensible price.

Capable of controlling between four and 25 DSI ballasts, the DSI-SMART PTM units are ambient light sensors with motion detection, programmed through the DSI-SMART programmer. These are used in open plan areas to ensure that electric lighting is dimmed in relation to natural daylight levels, so that design illuminance is maintained with minimum use of electricity.

In other areas, the Smart SWITCH delivers similar presence and light level control, while also offering pre-set switch-off delays of between 50 seconds and 30 minutes. Smart SWITCH also incorporates corridor linking through Tridonic's advanced corridorFUNCTION. The corridorFUNCTION has been specifically designed for areas such as corridors, stairwells and other infrequently used areas.

In its use of products from the Tridonic SMART range, the Bank of Muscat has achieved very effective and efficient automated lighting control while maintaining a relatively simple configuration of controls. This is also an inexpensive design that will deliver a fast return on investment.



DSI-SMART PTM



DSI-SMART  
Programmer



IR SMART  
Controller