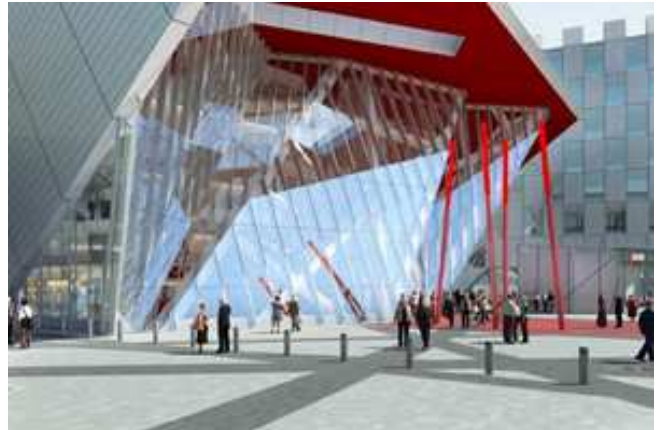


**New Trend Building Management System supplied & commissioned in the highly prestigious Bord Gáis Energy Theatre Dublin by Standard Control Systems, a partner of Intelligent Building Controls.**

**Project:** Bord Gáis Energy Theatre, Docklands, Dublin 2

**Duration:** 22 Months

**I/O Count:** c.1000 (hardwired)



**Standard Control Systems**, an Intelligent Building Controls Partner, supplied and commissioned the Trend Building Management System in this prestigious new theatre designed by the internationally renowned architect Daniel Libeskind. The theatre has a capacity of 2,100 and opened on March 18th 2010.

The Bord Gáis Energy Theatre is divided into three distinct areas; back of house, auditorium and foyer areas. The architectural concept for the theatre is based on stages: the stage of the theatre itself, of the piazza and of the multi-level theatre lobby that overlooks it. It was designed to accommodate large-scale touring ballet, musical and opera productions, both in terms of the auditorium acoustics, stage dimensions and technical facilities. The building services were designed and constructed to comply with stringent acoustic design criteria.

The seamless operation and control of the HVAC services by the Trend BEMS is vital as customer experience is extremely important and the theatre requires this to be at its very highest. The facilities team is quickly notified of any potential issues with building services which can then be investigated immediately. Local control provided by the 963 also facilitates any changes to improve occupancy comfort or the overall customer experience. Scheduling of HVAC provision, lighting etc for regular rehearsal and show times is easily automated through the 963 Supervisor, with additional flexibility for last minute changes such as additional performances or earlier opening times.

The Trend Building Energy Management System has a Trend 963 graphics-based supervisor as its main operator interface and manages all the HVAC services, including:

- Heat generation and distribution systems, including Boilers and Circulation Pumps
- Cooling generation and distribution systems, including Chillers and Circulation Pumps
- Auditorium & Orchestra Pit ventilation, cooling and heating
- Foyer ventilation, cooling and heating
- Back of house ventilation and heating
- Control rooms ventilation, cooling and heating
- Domestic hot water services