



The Sottish & Southern Energy (SSE / Airtricity) offers phone and technical support to their customers via their Irish head office at Sandyford. The office facilitates over 400 staff.

Background

116 existing Panasonic VRF units, had been independently controlled via an 8” touch screen located in an electrical riser adjacent to the facilities office, Figure 1



Figure 1

EPA Ltd was tasked with the following.

1. Integrate 116 VRF units into the existing “TREND 963” BeMS front end management package.
2. Monitor 6 server room split unit temperatures and a common alarm via a hardwire link

We gladly accepted this project due to our extensive experience with interfacing 3rd party plant via multiple platforms, working with 3rd party vendors and meeting the customer’s specific requirements regarding end user graphics, accessibility, alarm, monitoring & requests.



Figure 2

The project was completed via a combination of ModBus integration and hard wired signals. All information has been incorporated onto the existing TREND 963 supervisor within the facilities office

A graphical area plan with drill down access to individual units & set-points have been created to allow for ease of navigation, monitoring, adjustment and control. Fig 2&3



Figure 3

Upon completion it was immediately identified that the original retro-fit contractor had not given thought to how the local heating controls were going to compliment the Landlord plant. This resulted in inadequate system control throughout the building. A simple & quick change of control strategy means both systems now complement each other...

“Resulting in an immediate savings on GAS and ELECTRICITY”

For a further details on this project or any other enquiries contact service@epaltd.com

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