



# John Lennon Airport

Liverpool John Lennon Airport has been recognised for its environmental carbon reduction commitments, making it one of the ‘greenest’ airports in the UK. This is due in part to their commitment to measure and reduce energy consumption across the site.

Synetica were commissioned to provide the airport with a retrofitted metering solution and wireless communications network that could be scaled up to meet future changes and integrate with their existing system, consolidating estate-wide data into a single dashboard.

enLink Modbus connected energy meters are installed across the airport to give the airport visibility into the energy consumption across the site. enLink AQM units provide continuous monitoring and reporting of key air quality parameters. enLink Pulse units provide battery powered monitoring of water consumption for the tenants and airport buildings. enLink Modbus units provide long range wireless monitoring of energy consumption across all areas of the airport to a single wireless gateway installed in the air traffic control tower. enLink AQM units in the airport terminal continuously report on air quality.



### CLIENT

John Lennon Airport

### DELIVERABLES

Air Quality Monitoring  
 Environmental Monitoring  
 Energy Monitoring  
 Water Consumption

### AWARDS & MENTIONS

- 10% reduction in energy consumption in 2015 compared to 2011
- Saving 770 tons CO2 in 2015 compared with 2011

"Before moving to Synetica we had 3 different unreliable energy systems and their associated software which had to be manually input into the main M&T software. Since using Synetica we now have reliable data being fed direct into our M&T software which has saved many man hours and given us the time to carry out more analysis of the data leading to further energy savings"