



## BOC/Linde Group

BOC produces industrial and medical gasses and is part of the Linde Group, a multinational chemical company founded in 1879. It is the world's largest industrial gas company by market share as well as revenue. The Linde Group employs more than 60,000 staff and has revenues of €17 Billion. The production processes involved in producing these gases use massive quantities of energy and in 2015 the Linde Group consumed 79 million MWh of energy. To put this in perspective, this is the same amount of energy used by 20 million homes in a year. (UK homes use on average 4,000 kWh/annum).

Synetica have deployed wireless energy metering at BOC's sites to accurately and securely transmit consumption data to the enVision IoT platform where the data can be analysed by BOC's team of energy managers to identify avoidable waste, carry out process and plant level benchmarking and automate reporting.

The system is also used to monitor site water consumption. Automatic alerts in enVision notified the BOC staff of a sudden threefold increase in consumption, which was eventually identified as a leak. If left undetected this would have cost in excess of £40k per annum.



**CLIENT**  
BOC/Linde Group

**DELIVERABLES**  
Real Time Electricity Monitoring  
Real Time Gas Monitoring  
Real Time Water Consumption

**AWARDS & MENTIONS**

- With our help, early detection of a leak saved over £40k per annum

**Our comprehensive range of products enable BOC's team of energy managers to identify any avoidable waste and carry out process and plant level benchmarking along with automate reporting.**