

# BAA plc at ProLogis Park Heathrow



## The Requirement

Alongside its passenger and freight transport business, Heathrow Airport operates separate and rapidly expanding retail and service industries that require an efficient 24-hour logistics operation. Because of the airport's lay-out restrictions and the potential environmental impact of the vehicles delivering to individual outlets, BAA plc needed a purpose-built, secure off-site consolidation centre.

## The Solution

ProLogis worked with BAA to design the Heathrow Consolidation Centre at ProLogis Park Heathrow. Operated by DHL, the Centre provides 56,288 sq ft of ambient, chilled and frozen storage to 185 airport retailers. 1680 deliveries a week are received into 19 loading bays. The goods are then collated and stored until they are required by the outlets at Heathrow's five terminal buildings.

This consolidation process means that an average of only 341 vehicle trips a week are necessary to make 2454 deliveries to the airport. This not only brings down transport and operational costs, it also reduces the environmental impact of the delivery traffic on the airport and the surrounding area. By the end of 2008, 130,000 vehicle km were saved by decreasing the number of 16km round trips. This means a reduction of 134,000 kg of CO2 emissions and 12,000kg of NOX.

The multi-user function of the Consolidation Centre has encouraged collaboration among suppliers, which in turn has led to further environmental initiatives, such as reusable packaging, recycling waste oil and using electric vehicles.

With so many different customers, security is a vital consideration at the new facility and to meet this requirement, ProLogis developed an innovative security system. This includes full CCTV cover, complemented by state-of-the-art control measures.

## The Result

“ We are delighted with the new centre. It has meant that we can build on our previous success by consolidating all Heathrow retail deliveries, including those for Terminal 5. ”

Paul Smolas, Head of Retail at BAA