



Case Study

November 2019

TRADITIONAL ARCHITECTURE MEETS 21ST CENTURY BUILDING SERVICES

Midcounties Co-operative, Bletchington, Oxfordshire



The project

One of DCI's grocery retail clients, The Midcounties Co-operative, has invested in developing a new store within The Bletchington Estate Development in Oxfordshire.



Situated in the Duchy of Cornwall's Eastern District the new store has been created to fit the Duchy of Cornwall estate's ethos and outlook on the built environment. It combines traditional architectural styling and high quality construction with energy saving technologies from DCI such as energy-efficient refrigeration,

air conditioning and ventilation. Local residents visit the store for a wide range of grocery essentials for breakfast, lunch and dinner – including the popular COOK frozen ready meal range – as well as a food-to-go offering. Customers can also buy National Lottery tickets and use the free ATM.



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DCI's work on the project included the design and installation of the new store's refrigeration and HVAC systems - ensuring the perfect balance of performance and energy efficiency.

Refrigeration:

- Custom-built centralised refrigeration pack system and remote condenser
- Remote refrigeration HT and LT cabinets
- Chiller and freezer cold rooms
- Refrigeration services
- Refrigeration controls and wiring
- Refrigeration RDM alarm system
- Full commissioning



HVAC:

- Four heat pump air conditioning systems
- Air conditioning services
- Air conditioning control wiring
- Ventilation to offices, colleague room and WCs
- Bakery extraction system
- RDM alarm network wiring
- Full commissioning

DCI will also be providing ongoing service and maintenance for the refrigeration and HVAC services.

