

Bulgaria Mall, Sofia

Building Management System

- 4200 Data Points
- Heat-cooling center Mall; Heat-cooling center Carrefour Hypermarket
- LON integration of 21 Roof-Top Units, Cooling towers
- 3 AHU's - central control for Carrefour hypermarket
- Control and monitoring of parking ventilation, smoke evacuation fans and over-pressure fans; air curtains, water-treatment system, lighting automation, oil reservoir, pipe heating system
- 170 shops WSHPs Modbus integration
- Modbus integration of power meters, electrical meters, gas meters
- OPC integration of access control system, fire protection system, intrusion system; sewage pumps, sprinkler monitoring, water supply system.

Project details

Duration

2012

Scope of activities

- Supply and installation of:
 - Field Equipment (sensors, valves, etc.)
 - DDC controllers and modules
 - BACS operation station
- MCC panels design, production, installation, start up and documentation
- DDC & BACS software, start up & commissioning, end user training and documentation.

