

Mall Markovo Tepe

Building Management System

- 1500 Physical Data Points
- 170 Integration Data Points
- 13 AHUs – supplying fresh air in the building
- Control and monitoring of cooling center with 2 chillers
- Cooling system for the shops WHSP and cooling towers
- Control and monitoring of heating center with 3 boilers.
- Control and monitoring of overpressure ventilation and smoke exhaust ventilation for public area and shops
- Control and monitoring of local extract fans for shops, restaurants, toilets, technical & staff rooms, etc.
- Lighting control
- Mbus integration of heat/cold and water meters
- ModBus integration of electricity meters
- Reading of impulse gas meters
- Monitoring of circuit breakers in low voltage panels and main distribution panels
- Monitoring of existing sub systems - Plumbing, electrical and low voltage systems
- Generating monthly reports for consumed energy

Project details

Duration

2016-2017

Scope of activities

- Supply and installation of:
 - Field Equipment
 - DDC controllers and modules
 - BACS operation station
- DDC & BACS software, start up & commissioning, end user training and documentation
- MCC panels design, production, installation, start up and documentation
- Creating automatic reports from all measuring devices (water meters, energy meters and gas meters)

