

# Polygrafia Office Center, Sofia

## Building Management System

### Building Management System – new building

- 600 Physical Data Points
- 1500 Integration Data Points
- 6 AHUs – supplying fresh air in the building – Modbus protocol integration.
- Control and monitoring of a heating/cooling centre with a water-air heat pump, a chiller water tank and one substation
- Control and monitoring of local extract fans
- Monitoring of split coolers
- Mbus integration of water meters, heat meters and cold meters
- Modbus integration of energy meters, multimeters
- Generating monthly reports for consumed energies
- 160 zones control integration through LON protocol
- Monitoring of diesel generator and electrical installation
- 5000 Integration Data Points to BMS to existing buildings

## Project details

### Duration

2017-2018

### Scope of activities

Supply and installation of:

- Field Equipment
- DDC controllers and modules
- BACS operation station 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)

