

Electronic components plant OSRAM, Plovdiv

Building Management System

- 1400 Physical Data Points
- 600 Integration Data Points
- 16 AHUs – supplying fresh air in the building and 17 HOVAL machines
- Control and monitoring of cooling center with 2 chillers and a dry cooler
- Control of heating center, two boilers
- Control and monitoring of local extract fans for restaurants, toilets, technical & staff rooms, etc
- Control and monitoring of DALI lighting
- ModBus integration of air compressors and their monitoring
- Reports the quantity of produced nitrogen
- Mbus integration of water meters
- ModBus integration of energy meters, multimeters
- 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
- ADP – storage, evaluation and data processing

Project details

Duration

2016-2017

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)

