

LIDL Store, Kabile village, Bulgaria

Building Management System – designed and built according requirements of Baubeschreibung LIDL Logistikzentrum 2014

- 958 Physical Data Points
- 168 Integration Data Points
- 7 AHUs
- Cooling center, the energy source being store's refrigeration technics
- Heating center, two gas boilers
- Control and monitoring of local extract fans for toilets, technical & staff rooms, etc.
- Lighting automation:
 - Outside light intensity based lighting control:
 - ~1500 DALI lamps control
 - KNX constant light intensity control
 - KNX presence based control
- Water valves presence based control
- ModBus integration of electricity meters
- Mbus integration of gas and water meters
- Integration of – Refrigeration technics, Fire, WSS, Diesel generator, Deep freezing cameras monitoring, Security system, etc.
- Local system control via Touch panels, situated all over the store;
- Full remote system control/monitoring via WEB server.

Project details

Duration

2017

Scope of activities

- Supply and installation of:
 - Field Equipment
 - DDC controllers and modules
 - WEB server
 - 6 Touch screens
 - KNX & DALI control equipment
 - DDC & WEB server software, start up & commissioning, end user training and documentation

