

# MALL GALLERIA BURGAS

## Building Management System

- 2400 Data Points
- Control and monitoring of Cooling towers, circulation pumps, exhaust and smoke fans, fire and smoke dampers, lighting automation, UPS, CCTV, lifts and escalators, heating pipe system, sprinkler installation, drainage pumps, water meters, circuit breakers.
- LON integration of Roof-Top Units, Viessmann boilers, air curtains.
- M-bus integration of heat- cold meters.
- Modbus integration of WSHPs' of 230 shops, electrical meters, Diesel Generators, hydrophore system.

## Project details

### Duration

2011-2012

### Scope of activities

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

