W Amsterdam hotel, Amsterdam
Building Management System

- 500 Physical Data Points
- 300 Integration Data Points
- 1 AHU – fresh air for guest room
- 1 AHU – fresh air for restaurant
- 1 AHU – fresh air for SPA center
- 1 AHU – fresh air for butcher
- 1 AHU – fresh air for swimming pool
- Control and monitoring of heating center with domestic hot water
- Control and monitoring of heating and cooling center with water to water geothermal heat pump
- Control and monitoring of local extract ventilation for dressing room
- Control and monitoring of heating curtains
- Monitoring of smoke exhaust ventilation for boiler room
- ModBus integration of SPA systems (fire and ice bath, swimming pool and whirlpool)
- ModBus integration of energy meters
- Mbus integration of water and gas meters
- Individual room control LON integration
- Monitoring of hydrophore, water leakage sensors, pipes heating and grease traps.

Project details

Duration
2015 – 2016

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)

New ® System
energy efficiency