

Manutec
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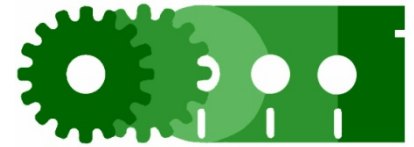
**New Park Hotel,
Kilkenny**

Overview



- Building Management system (BMS)
- Design and manufacture of control system for new bedroom wing and leisure centre.
- BMS interface with Hitachi air-conditioning systems via LONworks and Compass Node systems. This interface provided control of a/c units with alarm monitoring of Hitachi system.
- BMS interface with Paragon check-in system - This interface automatically enabled the heating controls for rooms when guests checked in, thus negating the need for the user to interact with the BMS supervisor.










Overview












- BMS incorporated individual room control interfaces that provided the guest with the ability to enable/disable room heating, adjust temperature setpoint, adjust A/C unit controls and enable/disable bathroom underfloor heating.
- BMS incorporated control of underfloor heating for all new bedrooms
- BMS provided control for leisure centre heating, ventilation and pool area controls, with local user control of gymnasium and yoga room facilities.

Kilkee Suite

Room Number 420A Living Room










Room Occupied 
Room Temperature 
Local Temp Setpoint 
Bathroom Local On/Off 
Bathroom Valve Status 
Fan On/Off Command 
Fan On/Off Status 
Fan Speed Setting 
Fan Alarm Code 

Room Number 420B Bedroom










Room Occupied 
Room Temperature 
Local Temp Setpoint 
Bathroom Local On/Off 
Bathroom Valve Status 
Fan On/Off Command 
Fan On/Off Status 
Fan Speed Setting 
Fan Alarm Code 

Ballinamoore Suite

Room Number 427A Living Room

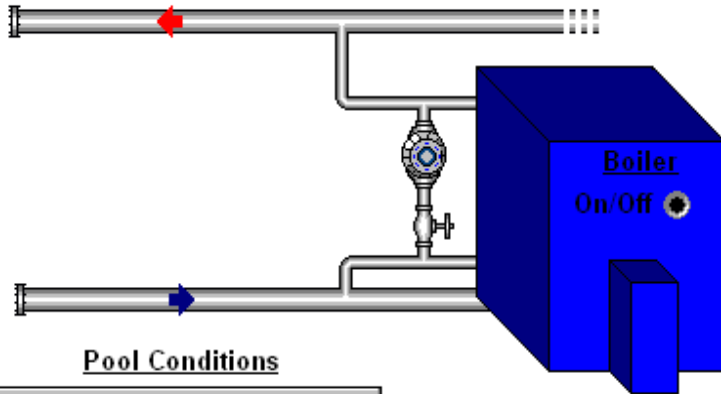
Room Occupied 
Room Temperature 
Local Temp Setpoint 
Bathroom Local On/Off 
Bathroom Valve Status 
Fan On/Off Command 
Fan On/Off Status 
Fan Speed Setting 
Fan Alarm Code 

Room Number 427B Bedroom

Room Occupied 
Room Temperature 
Local Temp Setpoint 
Bathroom Local On/Off 
Bathroom Valve Status 
Fan On/Off Command 
Fan On/Off Status 
Fan Speed Setting 
Fan Alarm Code 

Newpark Hotel *Leisure Centre Plantroom*

MENU



Pool Conditions

Pool PH

Pool Chlorine Level

TIME
SCHEDULE
EDIT

Plunge Pool Pump On/Off

TIME
SCHEDULE
EDIT

Underfloor Heating Pump On/Off

TIME
SCHEDULE
EDIT

External Lighting On/Off

Sump Pump Set Controls

Pump A On/Off

Pump B On/Off

Pump Set Current Switch

Pump A Failed

Pump B Failed

Pump A Trip

Pump B Trip

Pump Set Failure Reset

TIME
SCHEDULE
EDIT



Sump Level

Low Level

High Level

Pool Circulation Pump Set Controls

Pump A On/Off

Pump B On/Off

Pump Set Current Switch

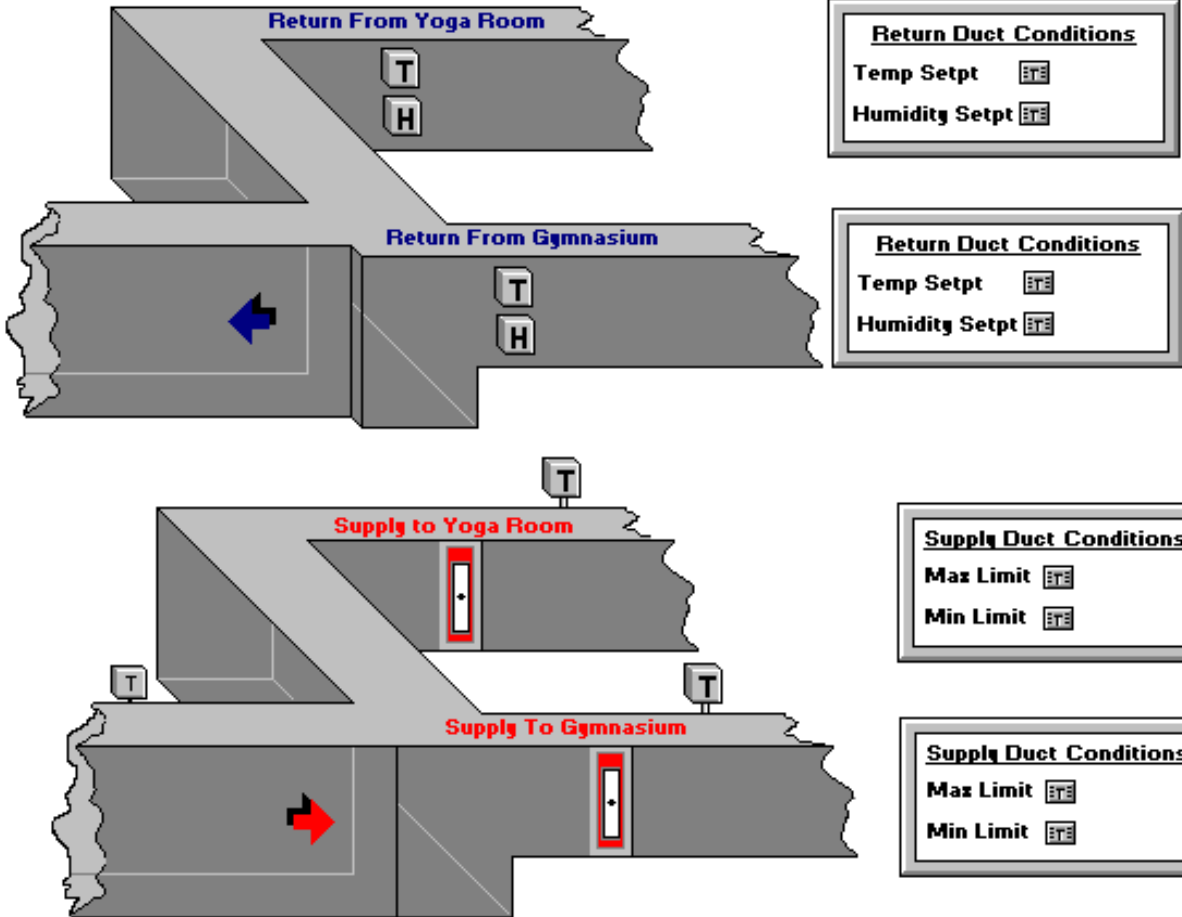
Pump A Failed

Pump B Failed

Pump Set Failure Reset

TIME
SCHEDULE
EDIT





Reheat Boilers Alarms

Gym Alarm

Yoga Alarm

Reheat Boilers On/Off

Yoga Boiler

Gym Boiler

Reheat Boilers Flow Temps

Yoga FTemp

Gym FTemp

Return Duct Conditions

Temp Setpt

Humidity Setpt

Return Duct Conditions

Temp Setpt

Humidity Setpt

Supply Duct Conditions

Max Limit

Min Limit

Supply Duct Conditions

Max Limit

Min Limit

Further Information



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