

CASE STUDY 03

NUST IT PARK, ISLAMABAD

Connecting HVAC equipment through central building management controls

ISLAMABAD

COMMERCIAL

BMS INTEGRATION

PROJECT**NUST IT Park****LOCATION / SECTOR****Islamabad, Pakistan /
Commercial****SOLUTION****Building Management
System Installation****SERVICES****Installation, Integration
& Commissioning****PROJECT OVERVIEW**

Effective building operations depend on clear visibility across connected systems. At NUST IT Park, Emitsun installed the Building Management System infrastructure required to connect HVAC equipment with central controls and support facility-wide monitoring.

OUR TASK

Full installation of the Building Management System, including DDC panels, sensor and actuator connections, CAT-6 network cabling, cable trays and integration of HVAC equipment with central BMS controls.

PROJECT OUTCOME

The completed BMS centralises HVAC monitoring and control and enables automated fault detection, energy optimisation and real-time reporting, improving facility-wide operational efficiency and reducing energy consumption.

HVAC equipment connected to central BMS monitoring and control.

PROJECT GALLERY

DELIVERY IN DETAIL



EQUIPMENT / SERVICE PROVIDED

- DDC controllers and differential pressure switches
- Actuators for AHUs and fire-separation fans, plus pressure sensors for pressurised duct risers
- BMS equipment provided by GreenAir and installed by Emitsun Solutions

ADDITIONAL PROJECT VIEWS



DELIVERY SCOPE

- DDC panel installation
- Sensor connections
- Actuator connections
- CAT-6 network cabling
- Cable tray installation
- AHU control integration
- Fire separation fan integration
- Central BMS control integration

RELATED SERVICES

BMS Installation | Controls & Sensors | HVAC Integration

Network Cabling | Commissioning

TALK TO AN ENGINEER