

Old Courthouse Justifies KNX Technology

Introduction:

The Old Courthouse in Douglas has been converted into modern office accommodation. KNX intelligent building technology offers energy savings and other major advantages.



Key Requirements:

- Make energy savings wherever possible.
- Provide maximum flexibility for the lifetime of the building.
- Easy and fast installation and integration with other building services.

KNX Features:

- KNX line for each level of the building which is connected via KNX IP Routers to a dedicated LAN for the main line.
- Interface with building's HVAC system achieved by the use of a BACnet gateway and KNX BACnet IP client.
- Interface with the ventilation system using switching actuators and binary input.
- KNX visualisation PC for use by the facilities manager is provided to monitor the operating conditions of all lighting, lift alarms and ventilation system fault alarms.
- Remote reading of tenant sub-electricity meters for billing purposes.
- Touch panels provide control of HVAC and lights for tenants.



KNX Integrator:

Building Evolution