Case Study
A FOCUS ON IMO PRODUCT IN APPLICATION

i³ Intelligent Controller
BMS Solution
BMS Solution

The client required a replacement BMS controller to replace the existing ineffective unit. After a site survey, the integrator selected an IMO i3 Intelligent Control Station as an ideal solution for the application.

The BMS system consists of the following:

- 2 off boilers
- 1 off Air Handling Unit (AHU)
- 1 off hot water system
- Zone 1 heating
- Zone 2 & 3 heating
- Underfloor heating
- Frost protection

Mounted on the door of the control panel, the i3 can be used to modify settings for all parts of the system and is the main interface for the BMS. The touchscreen functionality gives system administrators a simple, intuitive password protected access point to the system for adjustment of parameters, such as temperatures and start times. The unit is password protected with a 10 minute timeout to prevent the unit from being left logged on.

The i3 controller application software was engineered to interface to the listed equipment, enabling control of all parameters, including set controls, temperatures, alarms, trending and air quality.

The Web Browser functionality of the i3 was enabled, thus allowing the user remote access to his BMS system. Using this method, the user can monitor all aspects of control, view and reset alarms, analyse trending and modify all set points.

The iCube range is available with different IO configurations, screen sizes and communication options. Pricing includes software and 3 year warranty.

"We use the IMO i3 in many different applications. The i3 is extremely versatile, with several communication options and onboard IO configurations, it is ideal for just about any control requirement I can think of."

Project Lead, Integrator

"Our integrator has provided an outstanding professional service. They quickly diagnosed the problem with the existing controls and seamlessly installed the new automation system."

Lead Engineer, End User