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PROJECT NAME:  
iCentrum

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CLIENT:  
Dodd Group

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MARKET SECTOR:  
Commercial

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CONTRACT TYPE:  
New Build

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CONTRACT VALUE:  
£58k

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Part of the Birmingham Business Park Innovation Centre, the £8m iCentrum building is a multi-purpose office aimed to provide a space for the next generation of talented people in the hi-tech and digital gaming sectors with opportunities to work alongside established companies in an innovative and exciting environment.

The building comprises various shared and private office spaces, conference rooms, auditorium and kitchen / restaurant area with a central atrium incorporating high-level windows.

Working with M&E contractor Dodd Group, Palcon Energy Services Ltd was responsible for the design and installation of the complete building management system to serve this exciting new development.

The new system based on Trend IQ4e controllers, included interface and control over the extensive underfloor heating system serving the ground floor spaces, including the state-of-the-art conference and presentation area.

The high-level atrium features automatic window controls provided by SE Controls fully integrated into the BMS system providing natural ventilation during the day and high temperature purging overnight should condition prevail to assist in controlling the environment to desired conditions. Monitoring of outside ambient conditions, including wind speed, direction precipitation levels, means windows are automatically closed to sections of the building facing the prevailing weather providing maximum usage during any season.

Energy usage of the building is extensively monitored and use of Synapys SIP modules allow for real-time reading of electrical circuits with all the information presented on a centralised Trend 963 Server providing the onsite management team access and ability to control the environmental conditions and monitor the critical systems fitted.

