
WARRINGTON, UK, SEPTEMBER 14, 2006

ABB HVAC drives integrate easily with NHS Treatment Centre BMS

Ease of integration with building management systems has led to ABB HVAC drives being installed at the new Cheshire and Merseyside NHS Treatment Centre based at Halton Hospital, which is operated by InterHealth Care Services (UK) Ltd in partnership with the Cheshire & Merseyside Primary Care Trust.

The Native BACnet based building management system was installed by Controls Specialists Open Building Systems. Andy Dutton, owner of Open Building Systems, says: "The ABB drives are very easy to integrate with the BMS. We simply connect them to the communications network, enter their addresses in the system and it is virtually done. It's all very easy."

The ABB HVAC drives are used to run air handling units and fans, for facilities such as operating theatres and MRI scanner rooms. Eighteen ABB HVAC drives are being used on the project, in sizes ranging from four to fifteen kilowatt.

The BACnet communications protocol is native to the ABB HVAC drive, with no requirement for additional gateways. The protocol is developed specifically for building services applications and used extensively in continental Europe as well as in the United States. BACnet is increasingly being adopted by leading BMS manufacturers. The protocol offers "plug-and-play" integration of devices in building services.

BACnet is embedded with the standard RS485 interface of the ABB HVAC drive. Other protocols supported by the drive are Modbus, FLN, N2 Metasys, Profibus-DP, Interbus, Lonworks, CANopen, DeviceNet, Modbus Plus, ControlNet and Ethernet

ABB (ABBN: SIX Swiss Ex) is a pioneering technology leader in power grids, electrification products, industrial automation and robotics and motion, serving customers in utilities, industry and transport & infrastructure globally. Continuing a history of innovation spanning more than 130 years, ABB today is writing the future of industrial digitalization with two clear value propositions: bringing electricity from any power plant to any plug and automating industries from natural resources to finished products. As title partner in ABB Formula E, the fully electric international FIA motorsport class, ABB is pushing the boundaries of e-mobility to contribute to a sustainable future. ABB operates in more than 100 countries with about 147,000 employees. www.abb.com



Caption: Ease of integration with building management systems has led to ABB HVAC drives being installed at the new Cheshire and Merseyside NHS Treatment Centre based at Halton Hospital.

—
For more information please contact:
Layla Hewitt
Marketing Communications
Phone: 01925 741517
Email: layla.hewitt@gb.abb.com

ABB Ltd.
Daresbury Park
Daresbury
Warrington WA4 4BT

Emma Jenkinson
Armitage Communications
Phone 020 8667 2218
Email: emma.jenkinson@armitage-comms.co.uk