



Embedded Automation Participates in SFU West House

SFU West House will showcase clean energy, green building and smart home control technologies

Surrey, BC – February 12, 2010

Today, Embedded Automation announced its participation in the SFU West House program, following on the recent announcement by Western Economic Diversification, Simon Fraser University (SFU) and the City of Vancouver (see: <http://www.marketwire.com/press-release-canada/Federal-Funding-Supports-SFU-West-Coast-Style-Energy-Efficient-House-1115485.htm>). The SFU West House is a platform for showcasing leading edge clean energy, green building and smart home control technologies. Initially located at the LiveCity Yaletown site during the 2010 Winter Olympics, the SFU West House will be open to public viewing.

Embedded Automation provided the energy management and controls infrastructure based on its award-winning mControl digital home software hosted on its new [mStation 'Smart Energy' platform](#). The mStation at the SFU West House integrates the following green technologies:

- Interface to SFU's Adaptive Living Interface System (ALIS) – a canvas which changes to display the energy used within the home
- Smart meter (provided by Aclara) integration using Rainforest Automation's ZigBee (SE) interface module
- Z-Wave (wireless) network to control thermostat and wall switches (low-power LED lights)
- Branch circuit power meter (provided by Schneider Electric) for real-time power usage information of individual circuits
- SolTrak solar paneling provided by MSR Innovations



"Being responsible for the controls integration effort at the West House project has been an excellent opportunity to demonstrate the value of mStation in a 'green home'," said Chris Brandson, President of VerTech Solutions. "There is no better way to demonstrate some of the leading edge technology we are using than in a real and highly livable house and we look forward to working with Embedded Automation and SFU to implement further improvements when the home is moved to its permanent location."

"The SFU West House showcases how locally developed technologies integrate into smart grids that are being deployed worldwide," said Chris Tumpach, President of Rainforest Automation. "We are pleased to work with Embedded Automation to provide our ZigBee Smart Energy technology to tie this leading edge home to the smart grid."

"We are extremely pleased to be part of the SFU West House program because it provides a stage for companies like Embedded Automation to work with Simon Fraser University and the City of Vancouver to create and refine the smart technologies required for the green homes of the future," said Ted Singh, Business Development Manager of Embedded Automation. "By using the SFU West House as a real-world laboratory, technologies can be prototyped, proved out and then produced for broader use."

As stated by SFU: "Following the Games, the house will be relocated within Vancouver. It will be used as: a living laboratory to conduct applied research with industry; a site to prototype and test new technologies; a practical platform for technology transfer; and a student internship site."

[SFU Press Release](#)

[West House Official Site](#)

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About Embedded Automation

Founded in 1998, Embedded Automation designs, manufactures, and markets solutions for "Digital Home" under the mHome product family. mHome products are available from Embedded Automation and through the mHome Authorized Dealer Network.

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Press Release



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Images:

Formal Announcement	
Poster: Tomorrow's Design	
Poster: Interactive Systems	
Adaptive Canvas	

Press Release



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User Interfaces

