

Common "Sense"

TRLabs showcases member technologies

An example of TRLabs' work with an industry member to advance both R&D activity and the bottom line of its industry members is seen in SMT Research. SMT designs and manufactures structure monitoring technology targeted for use in the field of civionics and building science research. To both publicly showcase SMT's technology capabilities with the frequent lab tours TRLabs conducts, and to provide direct monitoring benefit to TRLabs, SMT is presently installing sensors in TRLabs Winnipeg's computer room:

- water/moisture sensors to detect moisture or condensation build-up using SMT Research's patent-pending building monitoring system.
- very sensitive air pressure sensors to detect any open doors and loss of air conditioning efficiency (these sensors are so sensitive that they can serve as a secondary detection method for physical intrusion into the computer room).
- temperature and humidity sensors.
- air flow & temperature sensor combinations to monitor the effectiveness of computer room cooling.

Collectively, the sensors ensure that valuable equipment is cool, secure, and dry.

TRLabs Manager Business Development Wing Kwong indicates SMT's family of sensor technologies installed as it will be at TRLabs Winnipeg has a strong appeal for almost any company with computer rooms, but particularly for data centre hosting service operators, consulting engineers, and equipment suppliers and manufacturers. Wing also sees R&D project and commercialization potential in further advance of the air flow/temperature sensor package given its ability to monitor 'actual' cooling in real-time in today's high cost energy environment and in light of the Green Building movement.

TRLabs Director Manitoba Operations Len Dacombe indicates that once the SMT Research sensor technologies are installed, the Winnipeg Lab fully intends to extend invitation to demonstrate company technology to many companies in Manitoba, and beyond.

"Thank you very much for investigating this (sensor installation at TRLabs) and for the opportunity to showcase our products in the TRLabs server room. The presence of TRLabs in the data centre & computer industry helps us immensely in introducing our product into this industry. Everyone at TRLabs continues to impress me and continues to exceed my expectations as a member."

Gamal Mustapha, Partner, SMT Research

events calendar

TRLabs hosts, organizes, and co-organizes events as part of its Connector Role mandate - to make connections between academia, industry, and government that result in productive new R&D relationships and outcomes.

International Conference on Optical and Optoelectronic Properties of Materials and Applications (ICOOPMA)

Edmonton (organized with assistance of TRLabs)
July 20-25, 2008

Home Healthcare Workshop

(TRLabs) - Calgary, June 18
Bringing together healthcare and ICT professionals in a day long workshop to discuss the network and communication systems aspects of home healthcare.

TRLabs Research Advisory Board Meeting - June 10

Menlo Park, California
(SUN Microsystems hosting)

Industry Associate Meetings

- Saskatchewan - June 24
- Manitoba - September 10

Research Focus Group Meetings

- Connected Media - July 3
- eHome - July 9, Sept. 24
- eHealth - June 24