

ISA Calgary Fall Dinner Meeting



## Open Path, Laser Based Gas Detection - a Step Change in Technology

Presented by

**Jim Hueston**

Business Unit Manager - Fire & Security, Spartan Controls

**Monday, October 27th, 2014**



CALGARY ELKS LODGE & GOLF CLUB  
2502 - 6th Street NE

4:30 PM Table-Top Tradeshow & Cocktails

6:00 PM Dinner, 7:00 PM Presentation

8:00-9:00 PM Table-Top Tradeshow

ISA Member \$35, Non-Member \$45, Corporate table of 8-\$320, Students \$25

**Table Tops available \$200**

**'Adopt a SAIT student' at your Corporate table save \$20**

The presentation will discuss the current challenges faced with gas detection in typical oil and gas, petrochemical and other applications where toxic and explosive gases are intrinsic hazards. It will further examine the specific benefits and disadvantages of open path laser based detection vs other technologies. Finally we consider the status of installations in Canada and rest of the world and methods to improve installation for optimal detection. The presenter will also bring a demo unit of an open path gas detector to the meeting.

*Jim Hueston started with Spartan Controls in 1998 in the measurement group. He moved through various roles including Technical Sales, Account Manager, where he sold Delta V and other solutions, and Business Unit Manager for Sparteck Manufacturing, Spartan's custom electric panel shop. In 2005 Jim became the Technical Specialist for the Det-Tronics fire and gas detection products at Spartan. In 2011, Jim became the Business Unit Manager of Spartan's newly created Fire & Security business unit. The Fire & Security business at Spartan is focused on protecting people and plant assets, especially in hazardous environments by providing fire and gas detection systems, PA /GA, CCTV & thermal camera systems and other equipment designed to help keep people safe. Jim has a degree in Mechanical Engineering from Queen's University and an MBA from U of C.*

To register for this event go online to [www.isacalgary.ca](http://www.isacalgary.ca) or call Susan at (403) 770-2958 or email her at [isacalg@telusplanet.net](mailto:isacalg@telusplanet.net)

**RSVP Deadline to register is October 20th, 2014.**



## **ISA Vendor Table Top Information**

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#### **PLEASE NOTE THE FOLLOWING IMPORTANT INFORMATION!**

Table Top cost is \$200 and no more than one spot per company can be booked.  
Tables provided are 6ft in length and are skirted.

#### ***Product displays must be related toward the meeting topic***

- All set up must be complete by 4:30 PM when the function begins
  - Table Tops will be located in the foyer at the Elks
- Take down of tables and equipment must be complete by 10 PM the day of the event
  - Dinner tables can be purchased at a group rate of \$320 or as a individual if needed. There are 8 seats to a table and your company name will be displayed on the table and reserved for you and your guests.

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**\*\* NOTE: PAYMENT FOR TABLE TOPS MUST BE MADE NO LATER THAN  
OCTOBER 20, 2014.**

*ISA Calgary Section TREND, website: [www.isacalgary.ca](http://www.isacalgary.ca)*