

IEEE Southern Alberta Control Systems & Instrumentation



Next Event	Fire Alarm Systems
Organized By	IEEE Control Systems & Instrumentation
Date	Thursday, December 4 th , 2014
Speakers	Tom VanKosh, Architect & Engineer Business Development Manager (Alberta) - Tyco Integrated Fire & Security Dean Norman, System Solutions Specialist - Vipond Inc. Detection and Suppression
Location	110 – 12 Ave SW, Calgary, AB TransAlta Building, Atrium 1
Registration	Click here to register



Abstract, Tyco Integrated Fire & Security:

Fire Alarm installation code changes: With the introduction of the new Alberta Building and Fire Code 2014 we are now utilizing the CAN/ULC S524-06 Standard for Installation of Fire Alarm Systems. There have been a number of significant changes from the 2001 standard and this 45 minute presentation will show the attendees the changes that occurred as well as some of the reasons behind the changes. The presentation will also speak about the impact of the Fire Alarm installation Standards on DCS systems utilized throughout the oil and gas industry in Alberta.

Abstract, Vipond Inc. Detection and Suppression:

During his talk, Dean will demonstrate with a brief explanation, Fire System vs PLC comparison, then Fire Panel to Field Device SLC connection and finally a Panel to Panel Network Connectivity with either wire or fiber. Then the discussion will deal with the numerous possibilities of a Fire System to Plant Process PLC and/or Building Management System that needs to be interfaced or overridden during Fire Conditions. Most importantly, the talk will help the listener to identify shut down areas and to identify the order of shut downs that will allow for mitigated losses and an easier startup after the condition has been cleared.

Tom VanKosh, Architect & Engineer Business Development Manager (Alberta)



Tom has over 22 years of progressive responsibility and expertise in the fire alarm industry. He started his career as a technician and he has worked in almost every aspect of the life safety

industry from technician, designer, electrical contractor, service supervisor, operations manager, ESSR, and now as a Architect & Engineer Representative for SimplexGrinnell the Alberta Region. Tom is an Electrical Technologist C.E.T. with ASET and has held this designation since 2005. He is also very actively involved locally in the Canadian Fire Alarm Association serving as the founding president of the Alberta Chapter. He is currently the chair of the CFAA education committee. Tom's knowledge of products, codes and the Alberta market helps engineers and end users by promoting fire alarm, sprinklers, security, special hazard, and nurse call systems.

Tom has also delivered over 100 technical training sessions throughout Alberta to highly technical representatives from the engineering and electrical contracting industry.



Dean Norman, Systems Solution Specialist



Dean has an extensive 30+ year background in the Fire Alarm Detection and Suppression Field. He presently sits as the CFAA Alberta Chapter President and holds a CET Diploma plus is an Alberta Master Electrician. He has Installed, Programmed, Verified/Commissioned and Tested Systems

plus Instructed, Designed and Assisted Engineering Firms with Complex Designs. Dean has been involved with all kinds of Fire Systems that includes everything from Commercial High Rises to Fertilizer Processes, Foam Systems at Bulk Fuel Tank Farms and Refineries like the Joffery Nova Site, Airplane Hanger Gas & Foam Systems at the Calgary Airport Authority to Gas Release Systems used in Skid Mounted GenSets for Power Generation. The past 4 years have been spent at Vipond Inc. as a System Solution Specialist which involves him in all aspects of the business. Dean has had experience interfacing Fire Systems with Process Management Systems and Building Management Systems via Form C Dry Contact, RS232 "Black Box / Field Server", LAN/WAN Ethernet Gateway connections using Protocols like BackNet and LonWorks.

Program:

- » 5:15 Registration
- » 6:00 Introduction
- » 6:15 Presentation
- » 7:00 Break and a Quick Snack
- » 7:30 Presentation Resumes
- » 8:15 Q&A
- » 8:30 Networking
- » 9:00 Doors close

If you would like to have your e-mail address added or removed from IEEE CS&I Chapter distribution list, please [click here](#).

IEEE Southern Alberta Control Systems & Instrumentation

