

# Eric Byres - Introduction

Last Update: Sept 15, 2011

Eric Byres is recognized as one of the world's leading experts in the field of SCADA security.

Eric started his career as a process controls engineer and has been able to combine a deep technical knowledge with practical field experience to develop his vision for industrial cyber security. This vision includes two key pillars: robust security tailored for industrial requirements, and easy installation and configuration.

Before starting Byres Security, Eric founded the British Columbia Institute of Technology (BCIT) Critical Infrastructure Security Center. He shaped this Center into one of North America's leading academic facilities in the field of SCADA cyber-security, culminating in a SANS Institute Security Leadership Award in 2006.

Eric has been responsible for numerous standards and best practices for data communications and controls systems security in industrial environments. This was formally recognized in Oct 2009 when the International Society of Automation (ISA) awarded him the very rare honor of ISA Fellow for his outstanding achievements in science and engineering, as recognized by his ISA peers.

Eric is currently Chair of the ISA99 Security Technologies Working Group, which is responsible for the standardization of technologies for Industrial Automation and Control System cyber security. He is also Chair of an ISA99 Working Group that is conducting a gap analysis of the current ANSI / ISA-99 standards with respect to the Stuxnet malware.

Eric has researched and written extensively about Stuxnet, the malware discovered in the summer of 2010 that has been a game changer in the world of industrial cyber security. In addition, the SCADA security community has benefited from hundreds of articles, white papers and blog posts contributed by Eric.

Eric speaks at many industry events, and he is known for his down-to-earth and informative speaking style.

As the CTO and VP Engineering of Byres Security, Eric is the visionary behind the award winning Tofino Industrial Security Solution.

## **Additional Information for Event Organizers**

### **Eric's Title and Contact Information:**

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### **Eric's complete Biography, Publication List and List of Professional Achievements:**

Available at:

[http://www.tofinosecurity.com/eric\\_byres](http://www.tofinosecurity.com/eric_byres)

Photos:

Several photos of Eric are available for download at the bottom of this web page:

[http://www.tofinosecurity.com/eric\\_byres](http://www.tofinosecurity.com/eric_byres)