

Practical SCADA Cyber Security Lifecycle Steps

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SUBMISSION TYPE

6-12 page paper plus 30-minute presentation

KEYWORDS

Cybersecurity, Threats, Standards, Best Practices, Lifecycle

ABSTRACT

While conforming with regulations, standards, and best practices, this paper/presentation will propose a slightly altered process to the life cycle of design, acquisition, acceptance and operation of a typical control system. Slight changes to the lifecycle will improve the industrial control systems ability to prevent or withstand a cyber security problem. These steps will put the facility in a better position to manage cyber security threats, improve performance and reliability of the network, and make audits and response intentional and less painful. This presentation will deal with some practical steps and the business process associated with making cyber security a natural part of the process of water and waste water services.

ABOUT THE AUTHORS

Jim McGlone is the Chief Marketing Officer (CMO) at Kenexis and is a certified Global Industrial Cyber Security Professional (GICSP). Jim is responsible for sales and marketing, products, and market strategies. Jim currently serves as the ISA Safety & Security Division Director and the ISA Columbus Section president. Prior to joining Kenexis, Jim spent fifteen years developing business globally for Rockwell Automation and five years as the vice president of Tridium, a Honeywell technology business. Mr. McGlone holds an MBA in International Business, a BS in Computer Technology, and a BS in Nuclear Technologies. Jim also served the US Navy on two submarines as a nuclear reactor operator and electronic technician. Contact: james.mcglone@kenexis.com