Jim McGlone
GICSP, CMO

Fields of Competence

Industrial Control Systems, & Automation Software
Embedded Control System Design
Building Automation and IoT Systems
Encryption & Communications Systems
Cyber Security Vulnerability Assessments
Cloud & Website Design, Development, Security
Process Safety Management
Fire & Gas Mapping Technology
Global Operations Management
Manufacturing & Supply Chain
Project Management, Software Development

Experience Summary

As Chief Marketing Officer of Kenexis, design and deliver sales and marketing strategy, manage regional sales globally. Additional duties include leading and providing cyber security services, teaching fire and gas mapping classes, and installed and maintains the network infrastructure for Kenexis.

Successfully managed industrial cybersecurity projects in the oil & gas, power generation, food processing, and water industries as a certified Global Industrial Cyber Security Professional (GICSP), including rescuing at-risk projects.

Professional career began as a production supervisor managing a printed circuit board manufacturing department and redesigning the department's electromechanical systems, measurement equipment, workflow, and processes to increase productivity 300% while increasing accuracy to exceed client's requirements.

Next, as a reactor operator and engineering watch supervisor, served on two new construction nuclear powered submarines in the US Navy. During submarine construction, provided rigorous project management for the government, validation, and certification of the nuclear power plant and control systems for the US Navy in Newport News Shipyard. After commissioning, operated and maintained the pressurized water nuclear reactor's control and measurement systems at sea. Mr. McGlone is decorated veteran.

After the Navy, served as a multi-state regional manager providing technical sales and support for industrial automation controls and industrial software. Became the global business development manager for Rockwell Automation's software business and provided sales and support to Rockwell Automation's largest global customers. Mr. McGlone developed a software business to provide robust sustainability to industrial control systems and improved security.

As vice president of sales and operations of Tridium, a Honeywell subsidiary, Mr. McGlone developed a technology-inside business and strategy focused on minimizing cost to serve. Growth resulted in the assumption of operations to optimize manufacturing and logistics using lean and advanced stocking-shipping strategies. As the acting general manager of the Asia Pacific business, developed the market in China, Singapore, Australia, and South Korea.

Credentials

- Global Industrial Cyber Security Professional Certified, GICSP #668
- Certified Rockwell Automation PLC-2/5/500/CLX; RSLogix 5/500/5000, RSLinx, RSView32; FactoryTalk Historian, Metrics, Transaction Manager, ProductionCentre, AssetCentre, Batch, and View ME/SE
- Certified Microsoft Systems, Server, and Visual Basic Programmer
- ISA EC50 SIS, EC52 Advanced SIL Selection, EC54 Adv Design & SIL Verification, EC56P F&G System Engineering
- US Navy, Electronics A School, Radar, Nuclear Power Program, Certified Reactor Operator, Engineering Watch Supervisor
- AAS Nuclear Technologies, BS Computer Technologies, MBA International Business

Affiliations

McGlone has served the control system community as the International Society of Automation (ISA), Director of Safety and Security Division, as an active member of the ISA 62443 and ISA 61511 standards bodies, served as the Control System Cyber Security Association central Ohio president, and has served as the ISA Columbus section president.

Publications

McGlone is the author of many technical articles and co-author of "Security PHA Review for Consequence-Based Cybersecurity" published by the International Society of Automation, ISBN: 978-1-64331-000-8, 2019.