Press Release

Yokogawa and McAfee Enter Partnership to Enhance Security of Industrial Control Systems

Offering Value-added Solutions Across the Industrial Automation World

Singapore, January 29, 2013 – Yokogawa Electric Corporation and McAfee today announced the signing of a partnership agreement to offer holistic and value-added IT security solutions for the industrial automation world.

Building on Yokogawa's strong global track record in delivering control system solutions and McAfee's cyber security expertise, the partnership addresses the imperative of digital threats to industrial control systems.

In particular, the partners will collaborate to offer Yokogawa's customers seamless solutions to avoid gaps between different IT systems, across proprietary solutions and expanded communication channels (e. g. IP, wireless, and mobile) and running common operating systems and applications.

Growing number of cyber threats targeting industrial environments

According to McAfee's recent threats report, cyber crime, hacktivism, and cyber warfare are on the rise worldwide, and are growing ever more sophisticated. Governments, large enterprises, small business, and home users face a wide range of digital threats, and recent prominent cases of industrial sabotage and espionage have escalated these concerns.

Today's cyber security threats mean that industrial control system users and suppliers alike must be increasingly vigilant against current and future intrusions, as human safety and environmental impacts are directly at stake.

Special emphasis on industrial environments running critical infrastructure

While today's process control systems can take advantage of advanced general-purpose IT to reduce costs, improve performance, enable interoperability with APC, MES, and other systems, and add other important new capabilities, the very same technologies have made today's industrial control systems increasingly vulnerable to security intrusions – malicious or otherwise – from both within and outside the plant.

Organizations tasked with running critical infrastructure such as oil and gas pipelines, chemical plants, power stations, and water treatment facilities must look at holistic security systems across two disparate, yet interconnected zones, enterprise IT and industrial control systems.

Holistic approach combining Yokogawa's industrial experience and McAfee's cyber security expertise

McAfee solutions provide resilience, efficient compliance measures, and real-time intelligence for changing threat environments, along with the power of real-time visibility and centralized management through a single platform. The combination of this expertise with Yokogawa's domain knowledge provides a more holistic approach resulting in the provision of more value-added industrial automation solutions.

This partnership addresses the issue that industrial process control systems typically have a three to five times longer lifecycle than typical commercial systems. Since both system technology and cyber threats are

ever-changing, automation system suppliers must embrace a lifecycle approach to industrial cyber security.

"Security measures for control systems are indispensable. Yokogawa is continually making stringent efforts to provide our customers optimum control system security solutions, starting with the development of highly secure instruments and systems and extending to the provision of operational support services," said Nobuaki Konishi, Vice President of Yokogawa's IA Systems Business Division (IA Platform Business Headquarters). "This partnership will allow us to combine our technology and plant security know-how with McAfee's technology to enhance the security of our products and our line-up of security solution services covering the entire lifecycle of our customers' plants. This will include the integration of anti-virus software with industrial control systems used in the process industries".

"Businesses are looking for integrated security solutions, moving from simply securing components, to understanding and measuring the security of a business system as a whole," said Wahab Yusoff, vice president for McAfee South Asia. "That is why we feel strongly about this opportunity to work with Yokogawa as a leading global supplier of industrial control systems with a history of nearly 100 years of growing expertise and experience."

About Yokogawa
Yokogawa's global network of 90 companies spans 55 countries. Founded in 1915, the US$4 billion company conducts cutting-edge research and innovation. Yokogawa is engaged in the industrial automation and control (IA), test and measurement, and other businesses segments. The IA segment plays a vital role in a wide range of industries including oil, chemicals, natural gas, power, iron and steel, pulp and paper, pharmaceuticals, and food. For more information about Yokogawa, please visit the company's website www.yokogawa.com

About McAfee
McAfee, a wholly owned subsidiary of Intel Corporation (NASDAQ:INTC), empowers businesses, the public sector and home users, to safely experience the benefits of the Internet. The company delivers proactive and proven security solutions and services for systems, networks, and mobile devices around the world. With its Security Connected strategy, innovative approach to hardware-enhanced security, and unique Global Threat Intelligence network, McAfee is relentlessly focused on keeping its customers safe. http://www.mcafee.com

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