SPEAKER

NAME
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BIOGRAPHY
As the Head of Cyber Security for the Industrial Automation Business, Ragnar Schierholz is responsible for all cyber security aspects in products, projects and services of the ABB Business Industrial Automation. In this role he is a member of the global Cyber Security Team at ABB.

Ragnar joined ABB in 2006. He served his first five years at ABB Corporate Research and has been leading ABB's research team on cyber security for industrial software systems 2008 through 2011. From 2012 through 2014 he worked at ABB's corporate headquarters as a Cyber Security Analyst.

Ragnar is a recognized member of the international industrial control system security community and active in various standardization bodies on cyber security for industrial control systems, for example as the Chairman of the Working Group Cyber Security in the FieldComm Group, or as a member of the ISA 99 committee and the IEC TC 65 WG 10.

Ragnar received a Master's degree in Computer Science from the Western Michigan University in Kalamazoo and a parallel Master's degree in Management Information Systems from the University of Paderborn, Germany. Subsequently he earned a PhD degree in Management Information Systems from the University of St. Gallen, Switzerland.

LECTURE

Cyber Security for process control systems

Typically, modern control systems have many interfaces with networks like the companywide production or office network, but also with the Internet. The digital transformation will only increase connectivity and hence the exposure to cyber criminals. In this presentation we describe the journey to implement a state-of-the-art cyber security management system for your paper production.

ZELL CHEMING