Keynote: Why Every CSO Needs to Know Industrial Control Systems (ICS)

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Industrial control systems (ICS) have introduced tremendous cost savings by automating some of the enterprise's most critical operations. Do you understand the systems that support your critical data centers and corporate campuses? Do you understand the risks associated with these technologies? Every data center, large building, and corporate campus around the world plays host to environmental controls, building entry systems, safety systems, and many other automation systems that are considered ICS. In many industries these systems are a vital component to the enterprises most critical business operations. Given the complexity and specialization of these systems, many of these systems are managed and operated outside of the traditional IT sphere, leaving traditional vulnerability and risk management programs blind to their existence and the risk associated with these systems. Many of these systems are even managed and maintained by external third parties, providing a backdoor to your corporate network and hence represent a new weakest link in enterprise information security. Using the experience of a team with wide experience in critical infrastructure this session talks about strategies for understanding risk and implementing mitigating controls which need to be used to protect these vital systems.