LATTICE SEMICONDUCTOR®

INDUSTRIAL CYBER SECURITY TRENDS AND STANDARDS IN FPGAs

TUESDAY, DECEMBER 7, 2021

7:30 – 9:30 AM PST

PERSEUS INFORMATION
SECURITY CONSULTING

SPEAKERS

- **Eric Sivertson -** VP, Security Business, Lattice
- **Mark Hoopes -** Director, Industrial & Automotive, Lattice
- **Karl Wachswender –** Principal System Architect, Industrial, Lattice
- **Deniz Kaya –** Perseus Information, CEO

AGENDA

- Cyber Resiliency Review, Supply Chain Protections for Industrial Market
- Industry 4.0 Security Trends
- Industrial Security Solutions to Address Emerging Threats
- Ecosystem Partner Highlight - IEC 62443 Overview
- Q & A

Industry 4.0 connects the IT with the OT world. With this merger comes new risks and vulnerabilities. Endpoints that were traditionally closed to easy internet access are now coming online and increasing the attack surface. Further, Software Defined Networks (SDN) have impacted all aspects of the connected world including 5G cellular infrastructure, datacenter, and transport networks.

SDN, by its nature, advocates open interfaces and a rich ecosystem, but this can introduce the potential of new security threats. While a lot of focus has been placed on securing the data path, it is critical to have a more holistic approach and take into consideration security threats at the platform level that can have catastrophic implications to the integrity of the network and on sensitive, proprietary data contained within systems. Sensor to edge to cloud architectures will be rapidly evolving in this new SDN environment. OPC/UA and IEC 62443 also have a strong impact on system design to counter some of the above risks.

Security at all levels will be paramount to product integrity.

This seminar will explore the challenges, opportunities, and latest programmable logic solutions for industrial applications. You will walk away with a better understanding of:

- Today's Industry 4.0 cybersecurity trends and risks
- The latest security industry standards
- Cyber secure and resilient system requirements
- Ways to prepare for and respond to threats through secure system design
- Cost-saving, protection-enhancing Supply Chain paradigms

REGISTER TODAY: Q4 Security Seminar

We look forward to seeing you at our virtual event!

Lattice Headquarters:
5555 NE Moore Ct. Hillsboro, OR 97124
www.latticesemi.com

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