The Evolving Business of Malware – How to Keep Your Manufacturing Business Running During the Next Outbreak

written by Lauri Moon | March 10, 2020

Join Revolutionary Security cyber experts to learn how ransomware is evolving, and what it means to your manufacturing business. We'll review 2019 ransomware attacks, top lessons learned by the industry and what the next outbreak could look like. Using actual examples of malware incidents our team responded to, you'll learn just how sophisticated and revenue-focused the attackers behind recent ransomware campaigns are. Leave with recommendations you can immediately put into practice to protect your environment. This presentation is certain to be eye-opening, engaging and helpful in your efforts to ward off cyberattacks.

Attendees will learn:

- New trends in malware targeting manufacturing
- Valuable attack findings from our 2019 incident response team
- Actionable best practices to protect production

Speaker

Jon Taylor, Research and Development Lead Principal, Revolutionary Security

Jon is the Principal Lead for Revolutionary Security's Operational Technology (OT) Research and Development area. While with Revolutionary Security, Jon has led R&D efforts with multiple National Labs and utility clients, pushing forward security

technology in OT applications and environments. He is also responsible for Industrial IoT and ICS hardware security research within Revolutionary Security. Jon has recently served as a Senior Manager for the OT practice, where he led long term engineering and design programs, as well as traditional assessment and penetration testing projects in the OT space.

Jon specializes in OT/ICS/IoT security architecture, ICS/IoT device security, secure engineering principles and design, and secure development life cycle (SDLC) for ICS / IoT engineering groups. Jon has also been recognized for his technical depth in product security and communications security, as well as his leadership capability to drive production solutions to completion.

Prior to joining Revolutionary Security, Jon accumulated over 15 years in applied ICS/OT/IoT ecosystem security and engineering experience. Most recently, Jon was a security architect for Caterpillar's autonomous machines programs and also previously served as a systems engineer in their Information Products division, which focused on vehicle telematics, real-time data acquisition, and remote connectivity. In this role, he was responsible for existing product security evaluation and remediation efforts, as well as planning and executing engineering security improvement plans for world-wide development teams. Jon also served CISO for an embedded technology manufacturer, and had responsibility for existing and generational product security development across all product lines, as well as product and service integration with customer security frameworks. In this role, Jon led the external business interface for security-related items, as well as all internal security processes and development.

Jon holds multiple active security certifications, including CISSP, GICSP, and GRID. He also speaks regularly at security events including SANS ICS Summits, Digital Bond S4, DistribuTECH, and ARC Forums, and is an active member of the SANS Advisory Board. Jon received his bachelor's degree in electrical engineering from Bradley University.

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