

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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Closing the Skills Gap: 10 Practical and Innovative Tips to Grow, Attract and Keep the Best Talent

written by Lauri Moon | March 10, 2020

When you think of advanced manufacturing, you think of technology and smart machines. However, the key ingredient of advanced manufacturing is people, and manufacturing desperately needs more of them.

A recent MAGNET survey found that a critical shortage of skilled workers is the primary impediment to growth for manufacturing companies. Skilled workers are going to become even more in demand as America's manufacturing industry is projected to have 2.4 million unfilled positions over the next eight years.

What is a growth-focused manufacturer to do?

In order to compete globally (and win), you need the right people, with the right skills, in the right jobs. Join us to discover practical and innovative ways to help your company close the talent gap and start building your workforce of tomorrow, today.

This webinar will cover:

- How to be as innovative with recruiting as you are with your products and services.
- Smashing stereotypes to help attract next generation talent.
- How Innovation and Industry 4.0 can help attract talent.
- Recruiting diverse workers and building new on-ramps for overlooked talent.
- Leveraging industry, education and community partnerships to solve talent problems together.
- Creating successful German-style apprenticeship programs to attract students early to a manufacturing career.
- How to grow your own talent and stay ahead of the rapidly decreasing half-life of knowledge.
- Building people-first workplace cultures.

Speaker

Dr. Ethan Karp, President and CEO, MAGNET

As President and CEO of MAGNET, Ethan Karp brings his wide range of experiences to drive economic prosperity in Northeast Ohio through innovation and invention. Prior to focusing on building the future of Ohio from its strength in manufacturing with MAGNET in 2013, Ethan advised Fortune 500 companies to innovate and grow with global consulting firm McKinsey in Cleveland. Ethan is a trained scientist who spent many years trying to uncover how the brain works while attaining a Ph.D. in Chemical Biology from Harvard and undergraduate degrees in physics and biochemistry from Miami University. Ethan volunteers as the Board Chair of the Cleveland/Cuyahoga Workforce Development Board, Cleveland Leadership Center, Midtown Cleveland, and the Jewish Education Center of Cleveland.

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2020 Employer Response to the Coronavirus

written by Lauri Moon | March 10, 2020

This webinar will review the facts, legal aspects and the many employment considerations that surround the potential of employee exposure to the coronavirus. It will cover two important areas of information for employers. First, Dr. Rachel Levine, Secretary of the Pennsylvania Department of Health will explain the facts about coronavirus and how realistic it is that the United States, and Pennsylvania, could have a pandemic, as well as how the state is preparing. Then top employment law attorney Jonathan Segal, Partner of Duane Morris will present the legal perspective on what employers need to do to prepare, and if different rules apply to employment laws should a pandemic occur.

They will discuss:

- The facts: the symptoms of coronavirus, how is it spread, what healthy habits employers should be advising their employees to follow, how Pennsylvania is preparing should a statewide epidemic be announced
- What employers should be doing now to prepare and to protect their employees—travel restrictions; if schools close and employees have child care issues and cannot get to work, more

- Actions employers should take if an official pandemic is announced—telecommuting options, procedures for employees working from home, more.
- Employment laws that may be modified if an official pandemic is announced—employers still need to comply, but modifications and new rules may apply to the Family Medical Leave Act, ADA and other laws during a pandemic
- Best Practices employers need to follow to prepare and to protect their workers

Additionally, those seeking current information on the coronavirus can get it through the CDC's website <https://www.cdc.gov/>. UPMC professionals have advised this is the most accurate and up-to-date information on the virus.

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OSHA Workplace Safety Inspections: What You Need to Know

written by Lauri Moon | March 10, 2020

If OSHA knocked on your company's door, would you be ready? Do you know what might put you at increased risk for an inspection? Do you know what to expect during the inspection? And, after? Join us during this webcast to get answers to your questions on the OSHA inspection process. We'll discuss:

- What goes on during an inspection,
- What OSHA looks for,
- What your rights are as an employer,
- How to get fines reduced, and

- Much more!

We will also save time for a live Q&A session.

Speakers



Edwin Zalewski, Senior Editor - EHS, J. J. Keller & Associates, Inc.

As a Senior Editor at J. J. Keller & Associates, Inc., Edwin specializes in workplace safety topics such as walking working surfaces, powered industrial trucks, and injury/illness recordkeeping. He researches and creates content for a variety of safety-related topics, contributes to several products, and is the lead editor for the OSHA Compliance for General Industry manual and the Environmental Safety Training Advisor newsletter. He also helps customers with their safety compliance questions, speaks at live events, and contributes to leading trade magazines.



Travis Rhoden, Senior Editor - EHS, J. J. Keller & Associates, Inc.

Travis Rhoden has been an editor with J. J. Keller and Associates, Inc. for over 20 years. He specializes in the areas of safety management and auditing. Prior to joining J. J. Keller, Travis worked as a safety manager for a Midwest-based manufacturer of heavy-duty trucks and buses. He holds a master's degree in Loss Prevention and Safety Administration from Eastern Kentucky University.

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Using Emerging Technologies to Transform Your Business

written by Lauri Moon | March 10, 2020

In today's market, industries are changing and business models are evolving faster than anyone could have imagined.

Data is driving a new revolution and we are in the midst of a truly transformative period of time. From smart connected products to predictive and prescriptive analytics, the ideas of yesterday are quickly becoming the reality of today. As companies continue to innovate and disrupt industries, one thing is for certain: there will be companies disrupted by this change. Now is the time for you to harness the power of emerging technologies to become a disruptor in your space and redefine your industry.

Join our webinar and learn:

- What emerging technologies really mean for your business and why it's important to embrace it
- Current market trends for AI and ML, edge vs. cloud and business transformation, and where the landscape is headed

- Real-world examples of how businesses are leveraging emerging technologies to gain a competitive edge
- Best practices and considerations for getting started on the right track

Speaker



Jonathan Weiss, Vice President - Emerging Technologies, Software AG

Jon is an innovation and technology thought leader with extensive experience in leading customer engagements, explaining technical topics in an easy-to-digest fashion and understanding not just technical architecture, but also the strategy behind implementing effective solutions. He has proven skills in team leadership, technical management, IoT/IIoT and software sales.

Jon has spent the last decade working with some of the world's largest companies, such as: P&G, GE, Pfizer, PepsiCo, Intel, HPE, Foxconn and many others seeking to undergo digital transformations in their manufacturing facilities, supply chain initiatives and enterprise applications. He has a very successful track record in leading teams throughout the entire SDLC process, from pre-sales engagements to global roll-outs for hundreds of factories in AJP, EMEA and the Americas.

Jon prides himself on being a trusted advisor for his customers, responsible for leading technical workouts, managing technical teams, assessing technical and business needs, and delivering market leading solutions that provide quality and value beyond the customer's expectations.

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North Central PA Energy Efficiency Roundtable: Community Resources for Your Facility Projects & Upgrades

written by Lauri Moon | March 10, 2020

Join us and other regional resource partners for the first of three free North Central PA Energy Efficiency (NCPA EE) Roundtable virtual events to help improve your business. The Roundtable provides a forum for non-residential energy users to share information and learn from experts on various energy topics, from energy efficiency technologies to energy management strategies.

The NCPA EE Roundtable's mission is to provide assistance to PA non-residential customers to reduce energy costs through improved energy management, energy efficiency and cutting-edge technology. The roundtable provides a forum for customers, through two - three events per year, to share information and attract experts on various topics from energy efficiency technologies to energy management strategies.

EE Roundtable Flyer Final copy 2.23.21-converted

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The mission of the North Central PA Energy Efficiency Roundtable is to provide assistance to PA non-residential customers and reduce energy costs through improved management, energy efficiency and cutting-edge technology. The roundtable provides a forum for customers through two - three events per year to share information and attract experts on various

energy topics from energy efficient technologies to energy management strategies. Counties Served: Cameron, Centre, Clinton, Clearfield, Clinton, Elk, Forest, Jefferson, Lycoming, McKean, Potter, Tioga, Union and Venango.



Surviving a Cyberattack

written by Lauri Moon | March 10, 2020

Every 39 seconds!

On average, there is a cyberattack every 39 seconds. That's 2,244 attacks a day. The effects of which can either bring a company down or bring them together to become stronger than ever.

Pilz was hit with a ransomware cyberattack on October 13, 2019. Pilz chose not to comply with the attacker's demands because doing so would have rewarded their efforts and financed additional attacks on others. More importantly, Pilz chose to stand strong to guarantee their data and the data of their customers wasn't further compromised, potentially leaving them vulnerable to future attacks.

Learn how Pilz not only survived the attack, but is coming back stronger than ever.

Learn what you can do to help make your company stronger in any crisis.

Materials and examples presented on:

- The role of corporate culture
- Communication - who, what, when and why
- Gaining customer and supplier support
- Encouraging and fostering a creative atmosphere among employees
- Turning a negative into a positive

Speaker



Michael Beerman, CMSE® *Certified Machinery Safety Expert* CEO, Pilz Automation Safety, L.P.

Michael Beerman has a Master's in Business Administration from Xavier University and has been certified as a CMSE® - *Certified Machinery Safety Expert*, by TÜV Nord. Michael started his 18 year career at Pilz as a Sales Engineer and rose through the ranks to become the CEO nearly 10 years ago. Mr. Beerman is a contributing member of the ANSI B11 ASC and a voting member of the ASTM F24 Standards committee.

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Learn How PLM Solutions Can Boost Innovation and Strengthen Engineering and R&D Teams

written by Lauri Moon | March 10, 2020

To stay competitive, engineering and R&D teams need to find ways to bring exciting new products to market faster, with higher quality and less cost. To do so, manufacturing leaders seek to create environments where top engineering talent can thrive. So, what are leaders investing in to meet these challenges and create that environment?

In this webinar, we will reveal the key insights gained through research into the engineering and design teams at some of the world's most successful manufacturers around the world. Survey result insights to be discussed include:

- How innovation leaders can break down silos and encourage collaboration and innovation
- How advanced PLM solutions can help designers develop products for success through intelligent decision-making
- How better product lifecycle management can improve development efficiency and reduce time-to-market
- The most desirable Product Lifecycle Management solution features and benefits leaders are looking for.

If you want to be better informed about what investments will make the biggest difference for your engineering and R&D teams, don't miss this virtual roundtable discussion with speakers:

- Keith Zobott, Global Vice President of Digital Products & Projects, SAP
- Brent Robertson, Co-Founder Fathom, Author of research study

A detailed report will follow this session summarizing our survey's results behind the findings.

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THE BEST RUN



Speakers



Keith Zobott, Global Vice President of Digital Products & Projects, SAP

Keith Zobott's background includes over 30 years of experience with Product Lifecycle Management, parametric design, advanced analysis tools, product development technologies, and program management. Recent experience includes developing strategic plans for Enterprise Product Lifecycle Management (PLM) and other product development enabling technologies for multi-billion dollar global businesses.



Brent Robertson, Co-Founder Fathom

Brent Robertson works with leaders to design futures worth fighting for. A partner

at Fathom, he champions an approach to strategic planning, employee engagement, leadership succession and market differentiation that prioritizes people and relationships. As a result, his clients don't simply plan their futures, they bring them to life through the energy of organization-wide involvement in, and commitment to, generating valuable businesses that matter.

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Online Manufacturing Training: How to Select the Right Solution for Your Company

written by Lauri Moon | March 10, 2020

How does training fit within the scope of your overall operational learning efforts? What is online manufacturing training? What courses do you require? Does the learning management system (LMS) meet your needs?

In this webinar we'll highlight benefits of online manufacturing training for the organization, operations manager, and employees. Next, we'll discuss the research supporting the effectiveness of blended learning solutions and provide tips for using blended learning effectively and then cover some topics to include in your own manufacturing training programs. And, finally, we'll share some tips for beginning

your search, including building up an internal search team and creating use cases, before listing specific criteria to use when evaluating courses, LMSs, and providers.

Get all the information you need to evaluate courses, software, and providers to find the perfect fit for your organization's manufacturing training needs.

You'll learn about:

- Training as part of operational & organization learning
- What online manufacturing training is
- Online courses & LMSs
- Blended learning research & techniques
- Common manufacturing training topics
- How to begin your search
- Criteria for courses, LMSs, and providers

Speaker



Jeffrey Dalto, Instructional Designer, Vector Solutions

Jeff Dalto is an instructional designer and L&D professional with more than 20 years of experience in learning and development, including more than 15 years working in the manufacturing and industrial space. He's an expert in adult learning and evidence-based training practices and has worked hand-in-hand with many manufacturing companies on the development or improvement of their training programs (including helping more than 50 different companies implement learning management systems for online training).

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10 Biggest Myths of OSHA Inspections & Litigation

written by Lauri Moon | March 10, 2020

You know safety and health requirements for your workplace. You know how to keep your employees safe. But do you know what happens when OSHA knocks and demands to investigate your workplace for alleged OSHA infractions? Do you know what OSHA can and can't do, what your rights are, and what happens if OSHA issues you citations? As safety professionals, you have probably heard a lot about OSHA inspections and the litigation process from colleagues, from newspapers, and maybe even from OSHA. But in this era of "fake news," is what you've heard true, or is it myth?

This webinar will explore the 10 biggest and most common myths surrounding the OSHA investigation and litigation process so that if OSHA knocks, you know what to do.

Speaker



Travis Vance, Partner, Fisher Phillips

Travis Vance is a partner in the firm's Charlotte office. He has tried matters across several industries and various subject matters, including employment litigation, business disputes and matters prosecuted by the Mine Safety and Health Administration (MSHA) and Occupational Safety and Health Administration (OSHA). Travis has emerged as a thought leader in the field of workplace safety. His writing and interviews are followed closely by experts in the safety arena and have been featured in premiere publications such as *Business Insurance*, *EHS Today*, and the *Wall Street Journal*.

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