Cybersecurity Resources for Small to Medium-Sized Manufacturers: A Fireside Chat with the NIST Manufacturing Extension Partnership (MEP) May 2, 2024 This webinar is being recorded





Discussion



Panelists:

- **Dr. Jyoti Malhotra**, Division Chief, National Programs, NIST MEP
- Savann Thorn, IT Specialist (Security), NIST MEP
- **Daniel Eliot** (moderator), Lead for Small Business Engagement, Applied Cybersecurity Division, NIST



RESOURCES AND GUIDANCE BY TOPIC COMPLIANCE WITH CYBERSECURITY AND PRIVACY LAWS AND REGULATIONS

Cybersecurity Resources for Manufacturers: <u>https://www.nist.gov/mep/cybersecurity-resources-manufacturers</u>



Contact Your Local MEP Center: <u>https://www.nist.gov/mep/contact-your-local-mep-center</u>





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Status: X Final Keywords: X Manufacturing



Information Technology Laboratory

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Series	Number	Title
Project Description		Manufacturing S Reference Imple
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	800-161 Rev. 1	Cybersecurity Supply Chain Risk Management Practices for Systems and Organizations	Final	5/05/2022
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	1800-10	Protecting Information and System Integrity in Industrial Control System Environments: Cybersecurity for the Manufacturing Sector	Final	3/16/2022
e		Cybersecurity Standards and Guidelines to Assist Small and Medium-Sized Manufacturers	Final	3/18/2021
	8183 Rev. 1	Cybersecurity Framework Version 1.1 Manufacturing Profile	Final	10/07/2020
	8219	Securing Manufacturing Industrial Control Systems: Behavioral Anomaly Detection	Final	7/16/2020
	8259	Foundational Cybersecurity Activities for IoT Device Manufacturers	Final	5/29/2020
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Cybersecuri		NISTIR 8183 Revision 1 vork Version 1.1 facturing Profile Keith Stouffer Timothy Zimmerman Chee Yee Tang		
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	Dr. Michael Powelly National Gybersecurity National Institute of Stat John Hoyt Aslam Sherule Dr. Lynette Wile <i>The MITRE Corpor</i> This publication is a https://doi.org/10.60	Center of Excellence Inderds and Technology USINC CURREN Cybersecurity Standar Medium-Sized Manuff by Timothy Zimmerman, OherVer Tang Studien, NGT and Tang Member, IECT	rds and Guidelines to acturers Michael Pease, National Institute of S	
	NIST	Industrial Control Systems (CS) is several year of control systems (CS) is several year of control systems, including supervisory control and data acquition (SCADA) systems, including supervisory control and data acquition (SCADA) systems, including supervisory control and other control system devices such and devices such as the system of the system and critical infrastructures. ICS control and critical infrastructures. ICS control and critical infrastructures is CS control and critical infrastructures. ICS control and critical infrastructures. ICS control and critical infrastructures is control and devices and and and and and and and and as distribution, nuclear power plants, and many variates of manufacturing	Control to provide the confidential of the con	or Profile, of the Cybersecurity Framework (CSF) Version 1.1, to manufacturers reduce cybersecur
		system." Mary ICS began as proprietary, isolated collections of hardware and software. With no external network, connections, security focus was primarily on physical threats to or opber threats. Today, network connectivity, commercial software applications, Internet-enabled devices including Internet of Things (b7), Industrial IoT (IbDT), and other being integrated into m107, ICP, to allow operations data to support real-time business decisions. While this connectivity has delivered mary benefits, also increases the validoplicy of these systems to validoplications of the colored threads.	valie of security. As a result, many organizations such as small and medium-size manufactures (SMMs) may have difficulty with indestrated how to implement operaceutity to a such a strategies of the security of the security implementations could have a negative impact on the operacion of their manufacturing systems. The National Institute of Sandards and Tech loop (NatiOn to a field how of their manufacturing systems. STR B1818 with developing and deploying obsence util programs for their manufacturing systems. NSTR B1818 and NSTR B183A (S Profile and NSTR B183A (S)	and Related Technologies (COB) The Manufacturing Profile provide avoid the Comparison of the Comparison of the Comparison analoging cyberseculty acciliate avoid the Comparison of the Comparison of the Comparison systems. It is meant to enhance, not not replace, current cyberseculty audiellere the Primari and Comparison of the Comparison of the the Primari and Comparison of the Comparison of the the Primari and Comparison of the Comparison of the the Primari and Comparison of the Comparison of the Comparison of the Comparison of the Comparison of the current cybersecurity posture of a manufacturing system.

U.S. National Committee Of The International Electrotechnical Commissio

Spring 2021

Small Business Information Security: The Fundamentals





Pre-draft call for comments now open. Comments due by May 16, 2024.

- What specific topics in NIST IR 7621 are most useful to you?
- Is the document's current level of specificity appropriate, too detailed, or too general? If the level of specificity is not appropriate, how can it be improved?
- How can NIST improve the alignment between NIST IR 7621 and other frameworks and publications?
- What new cybersecurity capabilities, challenges, or topics should be addressed?
- What topics or sections currently in the document are out of scope, no longer relevant, or better addressed elsewhere?
- Are there other substantive suggestions that would improve the document?
- Are there additional appendices that would add value to the document?



Upcoming In-Person Event

Cybersecurity Connections Event and Networking Lunch: Manufacturing and Operational Technology (OT) Cybersecurity

- Date: Tuesday, May 21, 2024
- Time: 11:00am–1:30pm
- Location: National Cybersecurity Center of Excellence (NCCoE), 9700 Great Seneca Hwy, Rockville, MD 20850

Registration for in-person attendance only: https://www.nccoe.nist.gov/get-involved/attend-events





MEP

The Go-To Experts for Advancing U.S. Manufacturing

Q&A

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Thank You for Joining Today's Webinar!

FOR FURTHER INFORMATION AND/OR QUESTIONS ABOUT OUR SMALL BUSINESS CYBERSECURITY RESOURCES:

smallbizsecurity@nist.gov

FOR FURTHER INFORMATION AND/OR QUESTIONS ABOUT THE NIST MEP NETWORK CYBERSECURITY RESOURCES:

mepcyber@nist.gov