



SHIELDS UP

RECLAIM THE CYBER ADVANTAGE

Act quickly to secure your factories and supply chains against nation-state cyber threats.

The threat of nation-state actors against critical assets has never been higher. **Recent attacks against manufacturers have shown attackers can threaten OT systems by first attacking the corporate IT network. ExtraHop can help you simplify your Shields Up implementation and secure the connections between your IT and OT environments**, so you can focus on your core mission.

INCREASED CYBER RISK

Companies large and small are at increased risk of attack from nation-state actors. The Cybersecurity and Infrastructure Security Agency (CISA) has issued Shields Up guidance for how to stay secure. Implementing the recommended controls may be difficult for security teams already struggling with staffing shortages and challenges related to remote work, the rapid pace at which new cloud-enabled technologies are being added to factories, and how to ensure holistic protection and compliance across the enterprise—especially at the risk-heavy convergence between IT and OT.

EXTRAHOP ACCELERATES SHIELDS UP IMPLEMENTATION

[CISA's Shields Up guidance](#) includes a range of technical and operational recommendations. ExtraHop Reveal(x) network detection and response delivers several crucial technical controls to achieve the four high-level goals recommended by CISA.

1. **Reduce the likelihood of a damaging cyber intrusion.**
2. **Take steps to quickly detect intrusions.**
3. **Ensure your organization is prepared to respond if intrusions occur.**
4. **Maximize your organization's resilience to a destructive cyber incident.**

ExtraHop professional services can also provide much needed help in staying secure without introducing friction to the business.

CISA RECOMMENDATION
SUPPORTED BY EXTRAHOP



Monitor and Secure All Remote Access Paths



Assure Security Hygiene and Strong Encryption



Secure Your Entire Asset Inventory



Quickly Detect and Respond to Destructive Attacks



INCREASED CYBER RISK

ExtraHop Reveal(x) network detection and response technology supports fast and thorough implementation of the CISA Shields Up guidance.

Secure Your Whole Attack Surface

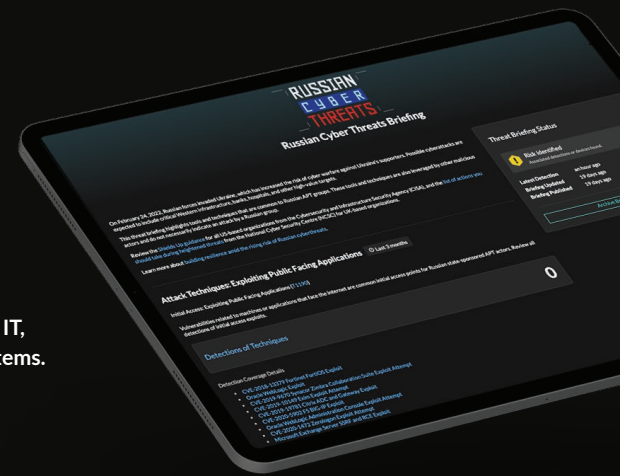
- Monitor all network traffic to, from, and inside your network for suspicious behavior.
- **Identify and secure all assets including behavioral monitoring of industrial IoT, business-critical ICS/OT, unmanaged devices, and legacy systems**
- Analyze all communications with cloud and SaaS systems.

Assure Complete Security Hygiene

- Identify and eliminate insecure ports and protocols.
- Catch weak encryption schemes.
- Confirm and compensate for other hygiene controls.

Detect Advanced Threats Quickly

- Detect stealthy attack behaviors other tools miss.
- Decrypt traffic to catch attackers attempting evasion.
- **Catch subtle threat behaviors and unsecured connections among IT, IoT, and OT devices to prevent threats from accessing critical systems.**



SHIELDS UP ASSURANCE

ExtraHop Advisor Services and ExtraHop Network Assurance Incident Response services are here to help your business implement Shields Up and take back the cyber advantage.

To assess your Shields Up readiness and improve your security posture, reach out to ShieldsUp@ExtraHop.com

LEARN MORE

Get our Practical Guide for Shields Up

Concrete advice for organizations in implementing CISA's cybersecurity doctrine to defend your enterprise.

[GET GUIDE NOW](#)

ABOUT EXTRAHOP NETWORKS

ExtraHop is on a mission to stop advanced threats with security that can't be undermined, outsmarted, or compromised. Our dynamic cyber defense platform uses cloud-scale AI to help enterprises detect and respond to advanced threats—before they compromise your business. When you don't have to choose between protecting your business and moving it forward, that's security, uncompromised.

Request a Free Trial extrahop.com/request-free-trial
Take the Demo extrahop.com/demo/cloud

© 2022 ExtraHop Networks, Inc. All rights reserved. ExtraHop is a registered trademark of ExtraHop Networks, Inc. in the United States and/or other countries. All other products are the trademarks of their respective owners.



520 Pike Street, Suite 1600
Seattle, WA 98101
877-333-9872 (voice)
206-274-6393 (fax)
info@extrahop.com
www.extrahop.com