



DATASHEET (CYBERSECURITY SOLUTIONS)

Fortra Solutions for Manufacturing

Today's societies run on the power of industrial manufacturing. Fortra offers advanced cybersecurity solutions, services, and devices for modern OT environments.

Cybersecurity in Manufacturing

If critical infrastructure is the backbone of modern society, manufacturing is the critical component that makes that infrastructure a reality. As such, it must be protected with the highest levels of cybersecurity. Threat actors know how vital manufacturing is to an economy and a way of life. They know how disrupting the industrial supply chain could have ripple effects around the globe. And they aren't afraid to rock the boat.

Those responsible for securing the manufacturing sector have a critical role to play. As all the moving parts are increasingly connected to the internet, the cloud, and each other, systems that were once naturally air-gapped are now exposed and at risk of harming others. New IT environments, old OT infrastructure, SCADA systems, and even the machinery on the factory floor maintain an interconnected dialogue like never before.

Fortra's solutions empower manufacturers to implement the forward-thinking security architectures that are going to keep these gears running smoothly – and safely – for years to come.

Manufacturing Compliance & Frameworks

To ensure the safety of the manufacturing sector, various compliance standards and security frameworks have been put in place.

Manufacturing Compliance Requirements

Secure production plants and manufacturing supply chains depend on the integrity of each piece. That means that all organizations and elements must be in alignment with the following industry-specific compliance standards:

- **SOC 2** – Ensures your supply chain partners securely store and process client data, protecting you from both cyberattacks and legal ramifications
- **CCoP 2.0** – The minimum cybersecurity standards acceptable by organizations operating Critical Information Infrastructure (CII) to keep IT/OT environments and the network secure
- **ITAR** – Regulates the export of military-relevant arms, information, and technology

SOLUTION SUMMARY

BENEFITS

- Safely integrate new IT with old OT
- Maximize production by eliminating security-induced slowdowns
- Map and gain visibility across your entire network of global manufacturing facilities

COMPLIANCE & FRAMEWORKS

- SOC 2
- CCoP 2.0
- ITAR
- PCI DSS
- GDPR
- SOX
- CIS Controls
- CMMC
- MITRE ATT&CK
- NIST CSF
- NIST RMF
- Zero Trust

FORTRA SOLUTIONS

- Vulnerability Management
- Integrity Management
- Email Security & Anti-Phishing
- Data Protection
- Offensive Security
- Secure File Transfer
- Managed Security Services
- Security Awareness Training
- Compliance
- IBM i Security

- **PCI DSS** — Protects payment card data from theft and the companies that handle it from liability
- **GDPR** — When operating in the EU, manufacturers must adhere to these additional requirements for the collection, use, and transmission of personal data
- **SOX** — Requires publicly traded companies to enact and enforce formal policies for securing sensitive financial information

Manufacturing Security Frameworks

Fortra can help manufacturers comply with the above requirements largely through the implementation of widely accepted security frameworks such as:

- **MITRE ATT&CT** — A free knowledgebase of adversarial tactics preferred by offensive security specialists to map the lifecycle of an attack
- **CMMC** — Requires certain cybersecurity standards be met by those contracting with the U.S. Department of Defense
- **Zero Trust** — This framework defines all entities as untrusted by default and assigns trust and permissions based on authentication and authorization measures at each step

Fortra Solutions

Vulnerability Management

Assess, prioritize, and remediate vulnerabilities across OT/ICS environments.

Anti-Phishing and Email Security

Keep email, brands, and data safe from sophisticated phishing attacks, insider threats, and accidental data loss.

Offensive Security

Reduce the risk of plant floor interruption by thinking like an attacker.

Managed Security Services

Gain industrial cybersecurity expertise with advice and progress reports to protect against cyberattacks.

Security Awareness Training

Protecting industrial supply chains requires continuous employee training to detect phishing attacks.

Integrity Management

Secure and harden industrial environments with superior visibility, monitoring, and enforcement of controls.

Data Protection

Protect sensitive intellectual property such as blueprints and CAD schematics from industrial espionage.

Secure File Transfer

Secure, automate, and streamline sensitive file transfers between departments, suppliers, and other manufacturing partners.

Compliance

Foundational and advanced security controls to help meet standards such as NERC CIP and IEC 62443.

IBM i Cybersecurity

Fortra is your IBM i security partner for managing evolving threats with automated solutions for manufacturing facilities.

Visit fortra.com/industrial-manufacturing for more ways Fortra can secure your manufacturing environment.

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About Fortra

Fortra is a cybersecurity company like no other. We're creating a simpler, stronger future for our customers. Our trusted experts and portfolio of integrated, scalable solutions bring balance and control to organizations around the world. We're the positive changemakers and your relentless ally to provide peace of mind through every step of your cybersecurity journey. Learn more at fortra.com.