

# Cybersecurity Awareness Month 2025

Week 1: Why Cybersecurity Matters in Manufacturing



## 25%

of top-targeted industry attacks hit manufacturing

Source: IBM X-Force Threat Intelligence Index 2024

## 84%

of critical infrastructure incidents were preventable with basic security practices

Source: IBM X-Force Threat Intelligence Index 2024

## 71%

Increase in threat actors targeting the manufacturing industry

Source: DataGuard, "Manufacturing Cybersecurity: Stats, Risks & DataGuard Solutions 2024"

October is Cybersecurity Awareness Month! This year's focus, inspired by CISA's initiative, is on "Building a Cyber Strong America." At 2W Tech, we're committed to helping businesses strengthen their cybersecurity strategies to protect critical systems and data. With modern threats evolving daily, there's no better time to evaluate and enhance your defenses. Let's work together to ensure your organization stays resilient and secure.

## The 4 Essentials:



### Phishing

In manufacturing, a single clicked phishing email can halt entire production lines — awareness is the first defense.



### MFA

MFA adds a critical lock on manufacturing systems, stopping intruders even if passwords are stolen.



### Passwords

Weak passwords open factory doors to attackers just as easily as leaving them unlocked.



### Software Updates

Outdated software in manufacturing is like running machines with broken safety guards — one flaw can cause catastrophic failure.

## Level Up Your Defenses:

- Use Logging & Monitoring
- Back up Data
- Encrypt Data



*Pro Tip: AI is both the new weapon and the new shield for manufacturers—threatening operations through smarter attacks, while defending them with predictive monitoring and anomaly detection. Stay alert and leverage AI for defense wherever you can.*

Building a Cyber Strong America - Cybersecurity Awareness Month 2025  
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