

# Navigating Manufacturing Cyber Risk

Cyberattacks continue to rise, the impact is too severe to ignore

As manufacturers embrace digital transformation to drive growth and efficiency, they also increase their attack surface area. With the mix of legacy systems and connected devices spanning Information Technology (IT), Internet of Things (IoT), and Operational Technology (OT), manufacturers must increase their cyber resilience against rising threats.

## Manufacturing is a prime target, driven by a low tolerance for downtime



**25.7%**

manufacturers comprise more than 25% of security incidents<sup>1</sup>



**3 out of 4**

manufacturers experienced a cyberattack on their OT environment<sup>2</sup>



**1 out of 4**

manufacturers impacted by a cyberattack had to shutdown operations<sup>2</sup>

## Manufacturers lose time, money, and intellectual property from incidents



**6.9 days**

average downtime from a cyberattack<sup>3</sup>



**\$2 million**

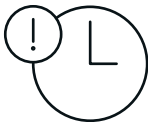
average cost to restore operational systems after successful ransomware attack<sup>4</sup>



**35%**

of executives believe IP theft is the primary motive<sup>5</sup>

## Cyberattacks create ripple effects across the supply chain and consumers



Cascades across supply chain and drives compounding delays



Stolen trade secrets and customer information sold on the dark web



Lost of trust and reputational damage are hard to overcome

## Four steps to building an effective and compliant cybersecurity program

1. Establish basic cyber hygiene to quickly reduce your exposure (e.g., MFA patching)
2. Ensure you have backups and update incident response plans
3. Gain comprehensive visibility across your connected devices and IT environments
4. Shift to zero trust architectures to secure IT, IoT, and OT environments



## How we can help

We leverage a unified manufacturing services security cloud to help rapidly accelerate your cybersecurity journey.

Contact us today to learn more

<sup>1</sup> <https://www.ibm.com/reports/threat-intelligence>

<sup>2</sup> <https://www.paloaltonetworks.com/resources/research/state-of-ot-security-report>

<sup>3</sup> <https://www.comparitech.com/blog/information-security/ransomware-manufacturing-companies/>

<sup>4</sup> <https://www.byos.io/blog/manufacturing-cybersecurity-statistics>

<sup>5</sup> <https://deloitte.wsj.com/cfo/advanced-manufacturing-faces-growing-cyber-threats-new-research-shows-1485839595>