

# A Pulse on the State of Cybersecurity in Manufacturing



In 2024, the manufacturing industry was the most targeted industry by cybercriminals, facing threats like ransomware, malware, and data breaches. Increasingly, cybercriminals exploit the high costs of manufacturing downtime to pressure organizations into paying ransoms, while compromised systems, including IoT devices and firmware, contribute to data breaches. As digital reliance grows, manufacturing firms face increasing risks of data theft, system exploitation, and ransom demands while striving to sustain growth.

## Threats and Dangers in Manufacturing Today



**25%+**

of all cyberattack incidents affected the manufacturing industry in 2023<sup>1</sup>



**1 out of 4**

breaches cost \$1,000,000 or more for manufacturing organizations<sup>2</sup>



**1,312**

weekly cyberattacks per manufacturing organization—a +43% increase from 2023<sup>3</sup>



**2<sup>nd</sup>**

year in a row that the manufacturing sector experienced the highest volume of IoT malware attacks<sup>4</sup>



**30%**

of published ransomware victims globally hit manufacturing businesses—a 57% YoY increase<sup>5</sup>



**199**

the average days to identify a data breach, and 73 more days to contain it<sup>6</sup>

[Learn how to reduce risk for your organization](#)

## How Connection Can Help

Connection is your partner for modern infrastructure and cybersecurity solutions and services. From hardware and software to consulting and customized solutions, we're leading the way in infrastructure modernization.

### Explore our Solutions and Services

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**Contact an Expert**

**1.800.998.0067**

Sources:  
1. KnowBe4, 2024 [Cyber Threats in Manufacturing Report Show Alarming Cybersecurity Trends in Industry](#)  
2. Fortinet, [2024 State of Operational Technology and Cybersecurity](#)  
3. Check Point Research, [The State of Cyber Security 2025](#)  
4. Zscaler, [ThreatLabz 2024 Mobile, IoT, and OT Threat Report](#)  
5. Check Point Research, [A Closer Look at Q3 2024: 75% Surge in Cyber Attacks Worldwide](#)  
6. IBM, [Cost of a Data Breach Report 2024](#)