

CLIENT SUCCESS STORY

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# OT Security in the Food Manufacturing Industry

How a leading food manufacturer safeguarded 16,000+ OT devices with an IoT security assessment



# About the Client

This client is a customer-brand leader in the food and beverage industry, specializing in dairy products and their plant-based alternatives. With over 10,000 employees and billions in annual sales, the company operates 30+ sites worldwide, each with an average of 500 OT (operational technology) devices. This vast and complex network of [industrial OT devices](#) is critical to the company's production and distribution processes, making OT security a top priority.



### Client

Leading food manufacturer w/ 10K+ employees across 30+ sites and 16K+ devices worldwide



### Challenge

Lack of comprehensive OT security across 30+ global sites



### Solution

Microsoft Defender for IoT proof of concept providing proactive threat detection for OT infrastructure



### Results

Gained comprehensive protection of critical OT infrastructure



# The Challenge

## Securing a Sprawling and Complex Industrial Environment

This food manufacturer faced a significant challenge in securing its extensive and distributed OT environments. The company needed to gain visibility into the thousands of devices connected to their network and evaluate the effectiveness of a modern security solution to protect their critical infrastructure from emerging cyber threats.

The primary goal was to assess the suitability of [Microsoft Defender for IoT](#) to provide comprehensive, real-time security monitoring and threat detection without disrupting their sensitive and continuous production processes.

## A Recipe for Success

### A Strategic Partnership for Proactive OT Security

Recognizing the need for a specialized partner with deep expertise in both Microsoft security and OT environments, this food manufacturer engaged with Corsica Technologies. Corsica's proven track record in delivering Microsoft security solutions and their established lab environment for demonstrating Microsoft Defender for IoT capabilities made them the ideal partner for this critical assessment. The engagement began with a [two-month Proof of Concept \(POC\)](#) for Microsoft Defender for IoT.

Corsica Technologies implemented a comprehensive approach that included:

- **Deep Dive Discovery:** Deployed a hardware sensor to passively monitor the network, providing a complete inventory of all connected OT devices.

- **Vulnerability Assessment:** Identified potential vulnerabilities, misconfigurations, and risky communications within the OT environment.
- **Threat Simulation:** Demonstrated the threat detection and response capabilities of Microsoft Defender for IoT in a controlled manner.
- **Strategic Guidance:** Provided expert guidance on how to leverage the full capabilities of the Microsoft security stack, including integration with Microsoft Sentinel for a unified view of IT and OT security.



**“Defender for IoT has revolutionized our security operations. We have full visibility into OT security in Microsoft Sentinel. Now our cyber analysts can manage IT and OT security from one place.”**

IT Operations Manager, Global IT

## Delivering a Secure Future

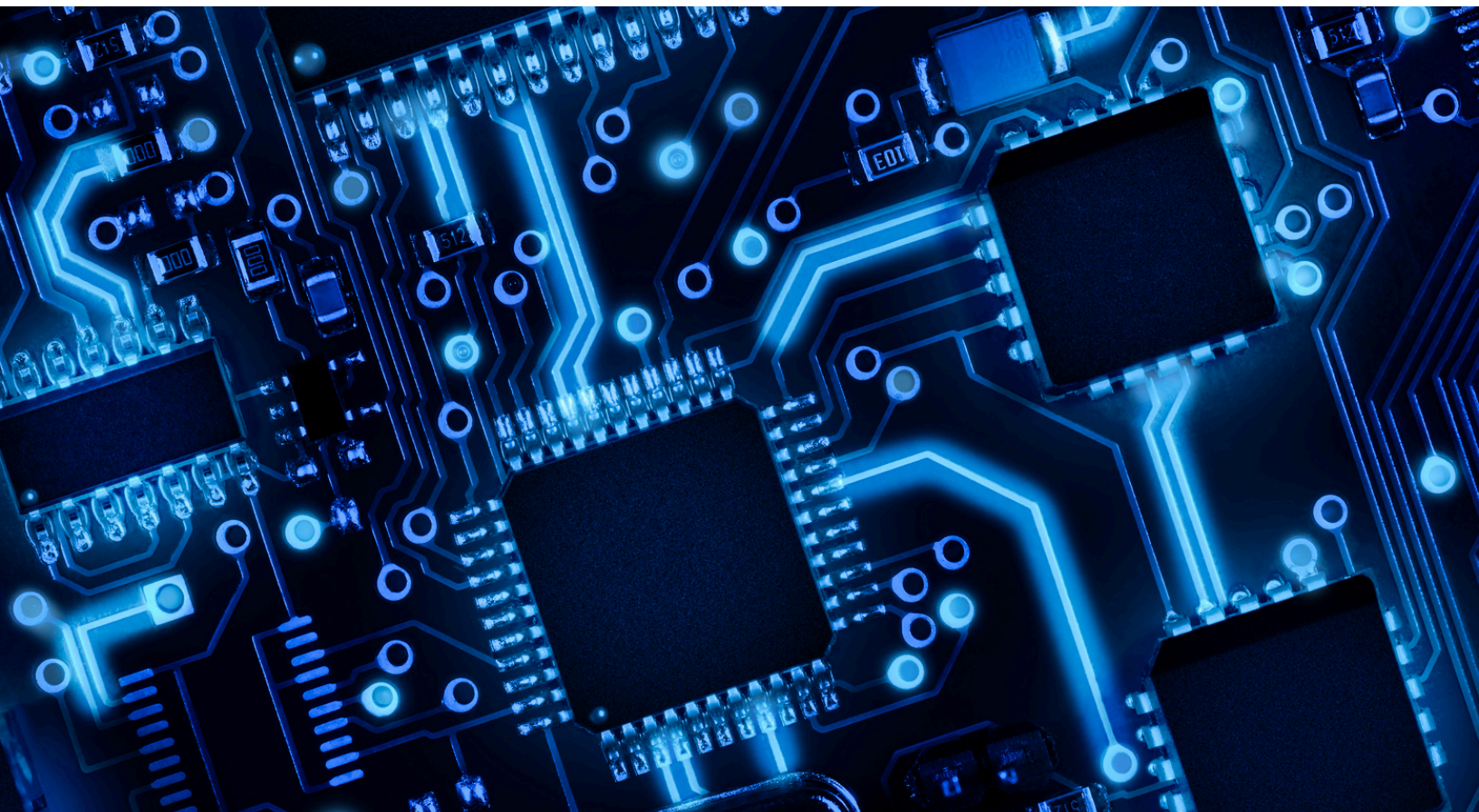
### Enhanced Security Posture and a Clear Path Forward

The [Microsoft Defender for IoT Assessment](#) delivered by Corsica Technologies provided this food manufacturer with invaluable insights into their OT security posture. The solution was 100% deployed in their Azure environment and connected to their Sentinel instance, providing a single pane of glass for security operations.

The key outcomes of the engagement included:

- **Enhanced Security Posture:** Proactively safeguarded critical infrastructure and aligned with cybersecurity best practices for OT.
- **Streamlined Security Operations:** Gained a unified view of their security landscape, enabling more efficient and effective threat detection and response.
- **A Trusted Partnership:** Established a strong relationship with Corsica Technologies, positioning them as a trusted security advisor for future projects.

This successful assessment has paved the way for future opportunities, including the implementation of [managed Sentinel XDR services](#) to further enhance the company's security capabilities. By partnering with Corsica Technologies, the company has gained not only a powerful security solution but also a strategic partner to help them navigate the evolving landscape of industrial cybersecurity.





## ABOUT CORSICA TECHNOLOGIES



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Corsica Technologies is a strategic technology partner specializing in consulting and managed services. With an integrated team of experts in cybersecurity, IT services, AI solutions, digital transformation, EDI, and data integration, Corsica offers comprehensive coverage and unlimited service consumption for one predictable monthly price—whether fully managed or co-managed.

## YOUR TRUE TECHNOLOGY PARTNERSHIP STARTS HERE

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Schedule a free consultation with our specialists to learn how technology can enable and transform your business.

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