

# Secure Manufacturing for the Food & Beverage Industry

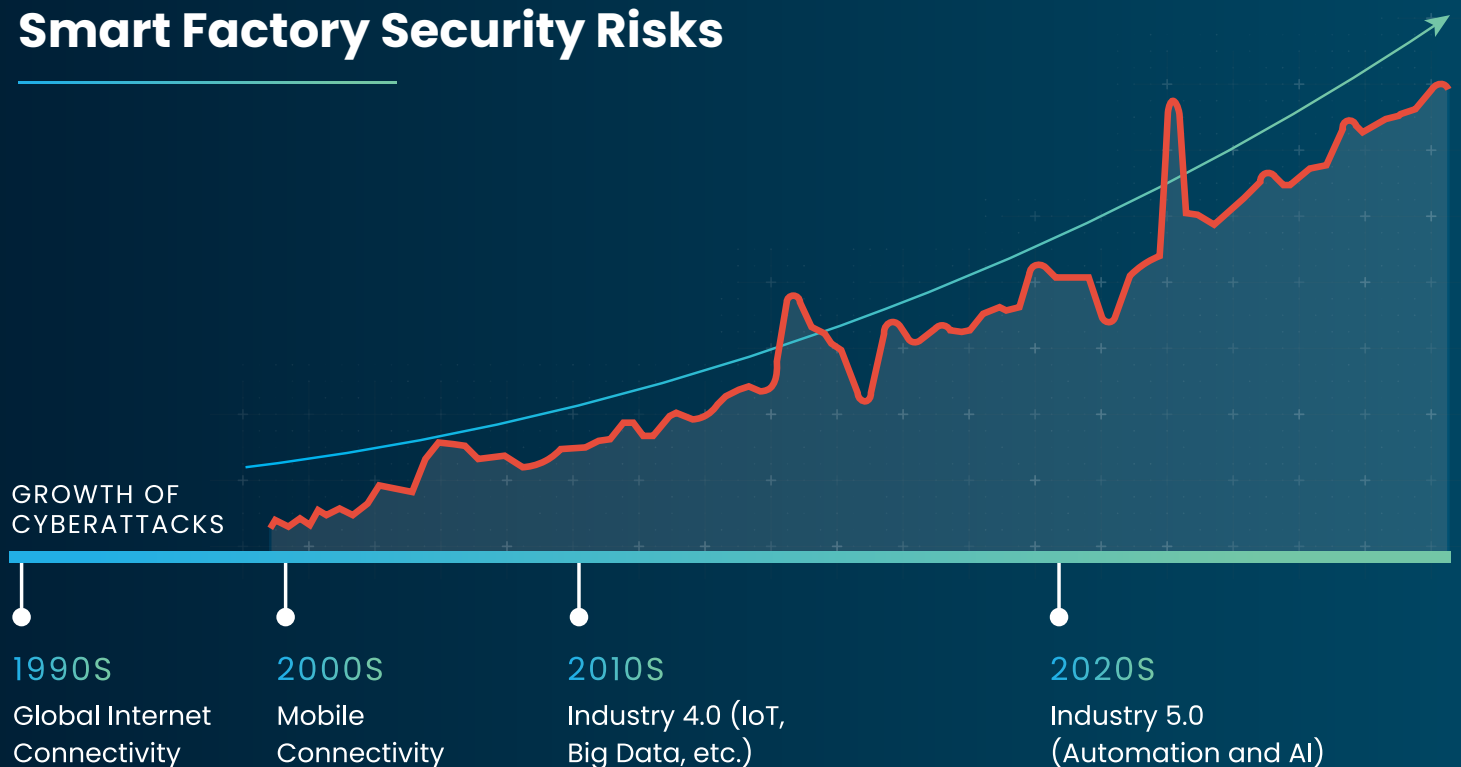
## Safous Privileged Remote Access for Smart Factories

Food and beverage manufacturing is evolving toward Industry 5.0, where automation, AI, and human expertise converge to deliver greater efficiency and productivity. But while this shift streamlines operations, it also expands the number of connected systems that attackers can target.

The manufacturing sector saw 89% more successful data breaches in 2025,<sup>1</sup> with ransomware attacks against food and beverage manufacturers specifically rising by 38% year-over-year.<sup>2</sup> When production lines stop, food and beverage manufacturing facilities can lose tens of thousands of dollars per hour in waste, restart costs, and contractual penalties – as well as disrupt downstream supply chains and distribution operations.

Protecting these critical systems requires manufacturers to move beyond traditional security models. Safous Privileged Remote Access helps smart factories enable Zero Trust security across every operational and IT asset – all without requiring changes to plant networks, legacy equipment, or control systems.

## Smart Factory Security Risks



As Industry 5.0 expands connectivity on the factory floor, it also increases the ways attackers can access sensitive systems. Automation, IoT devices, and cloud integration create more digital entry points for cybercriminals to exploit. A single compromised vendor account or an unmonitored remote session could disrupt production or trigger recalls due to a loss of traceability, preventing manufacturers from verifying product safety.

Not convinced? Check out these 2025 industry statistics:<sup>1</sup>

**34%**  
of manufacturing breaches involved stolen credentials.

**60%**  
of attacks in manufacturing environments were system intrusions.

Breaches involving a third party doubled, rising from 15% to 30%.

1. <https://www.verizon.com/business/resources/infographics/2025-dbir-manufacturing-snapshot.pdf>
2. <https://www.comparitech.com/news/worldwide-ransomware-roundup-2025-end-of-year-report>

## Case Study: Global Food & Beverage Manufacturer



**Scope:**  
100+ global production sites



**Users:**  
2,000 remote maintenance and support engineers



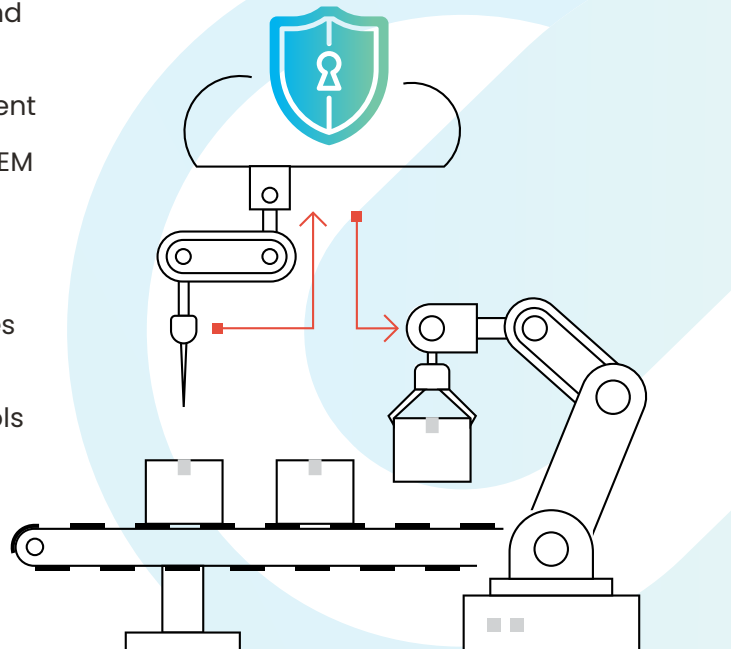
**The Need:**  
Enable secure access for remote users to critical OT systems.

### Challenges:

- ❌ Complex login processes slowed productivity and response times
- ❌ Lacked secure file transfer into the OT environment
- ❌ Needed fast, auditable access for emergency OEM support

### Outcomes:

- ✅ Secure remote access without requiring changes to OT networks, endpoints, or control systems
- ✅ Integrated ICAP file scanning with access controls
- ✅ OEM support enabled securely in minutes
- ✅ Deployed globally in just days
- ✅ Reduced operational risk while accelerating global maintenance workflows



# Why Leading Manufacturers Choose Safous



## Unify PAM, IAM, & Zero Trust

Safous combines Privileged Access Management, Identity & Access Management, and Zero Trust Network Access into a single, subscription-based platform.



## One Platform for All Use Cases

Whether it's remote maintenance, vendor access, or emergency OEM support, Safous supports diverse access needs with unified policies and browser-based access.



## Simplified Compliance

Safous supports alignment with food safety and industrial cybersecurity frameworks like ISA/IEC 62443 and NIST 800-82 by providing session traceability, centralized governance, and audit-ready reporting across facilities and third-party vendors.



## Flexible Deployment

Safous can run fully offline at high-security sites, integrate with existing on-premises systems, or operate in cloud environments without requiring network changes.



## Faster Time to Value

There's no software to install on target hosts, which means no modifications to plant infrastructure or disruption to production systems. And with only one outbound App Gateway to deploy, you can go live in 3 to 5 business days without network redesign or downtime.



## Centralized Operations

Centrally manage critical manufacturing infrastructure across smart factory sites in APAC, North America, and EMEA from a single admin console.

## Smart Factory Outcomes

Stronger OT protection

Protected traceability

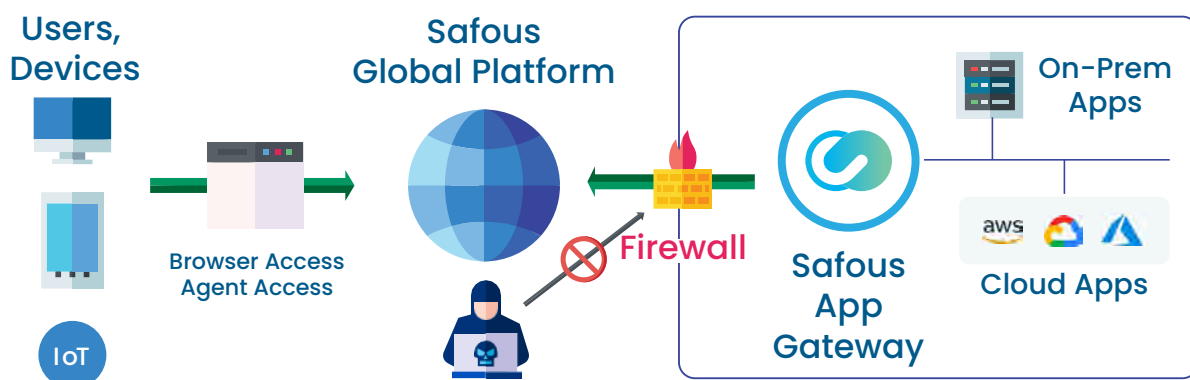
Simplified compliance

Centralized management

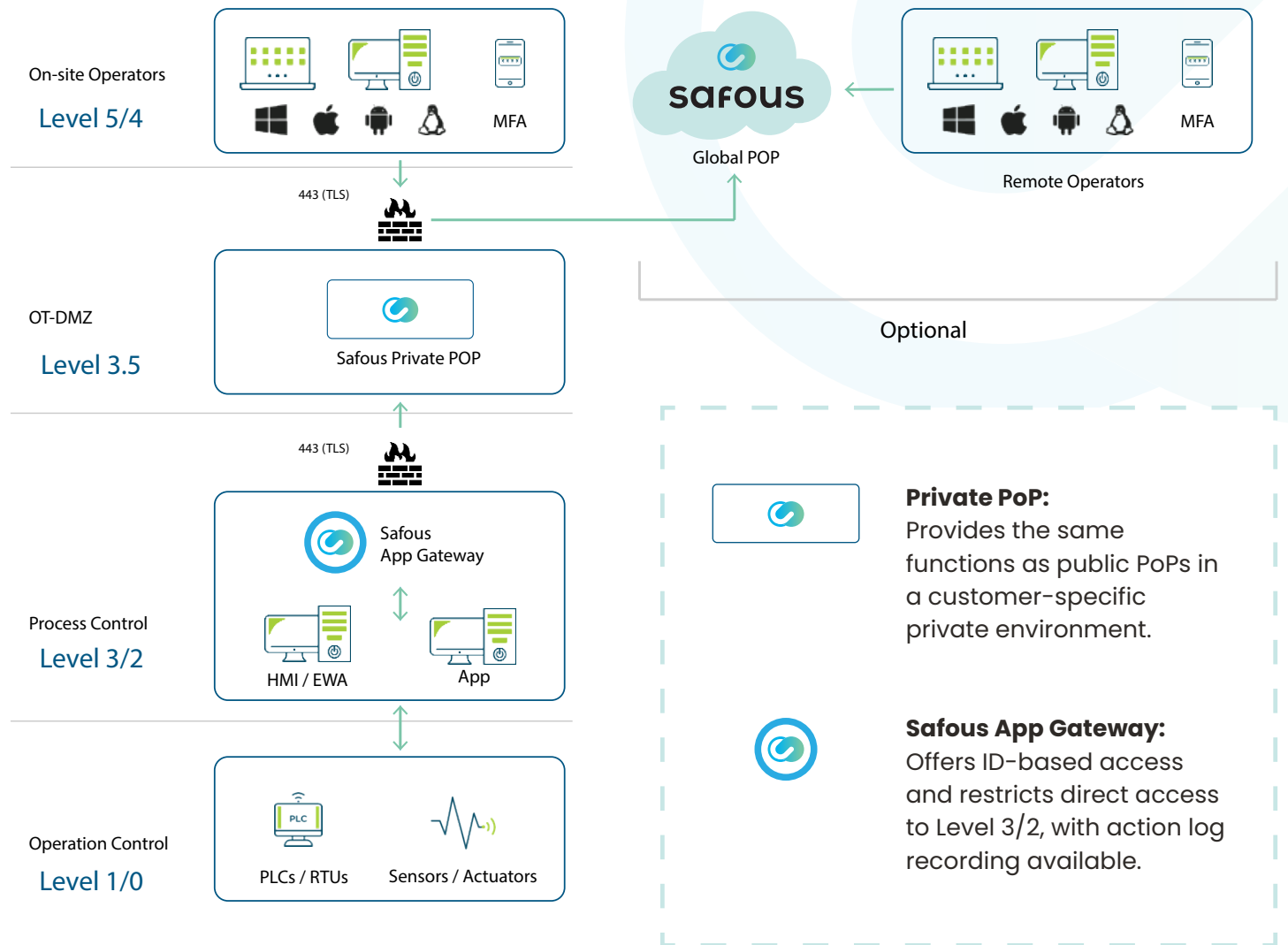
Reduced downtime

Secure global operations

## Safous Architecture



# How Safous Secures Manufacturing Environments



## Safous Privileged Remote Access Benefits

- No software to install on OT networks, endpoints, or control systems
- SaaS + one outbound App Gateway deploys in 3-5 business days
- Flat subscription covers all PAM, IAM, and Zero Trust Network Access services
- Secures remote connections to isolated networks
- On-prem & air-gapped with Industrial Secure Remote Access

## Secure Food & Beverage Manufacturing With Safous Privileged Remote Access

Safous is purpose-built for manufacturing organizations that must provide remote access to critical OT and IT environments, including food and beverage systems, without compromising safety, uptime, regulatory compliance, or public security.

GET STARTED TODAY. ➔