



Secure Manufacturing Access – Without the Complexity

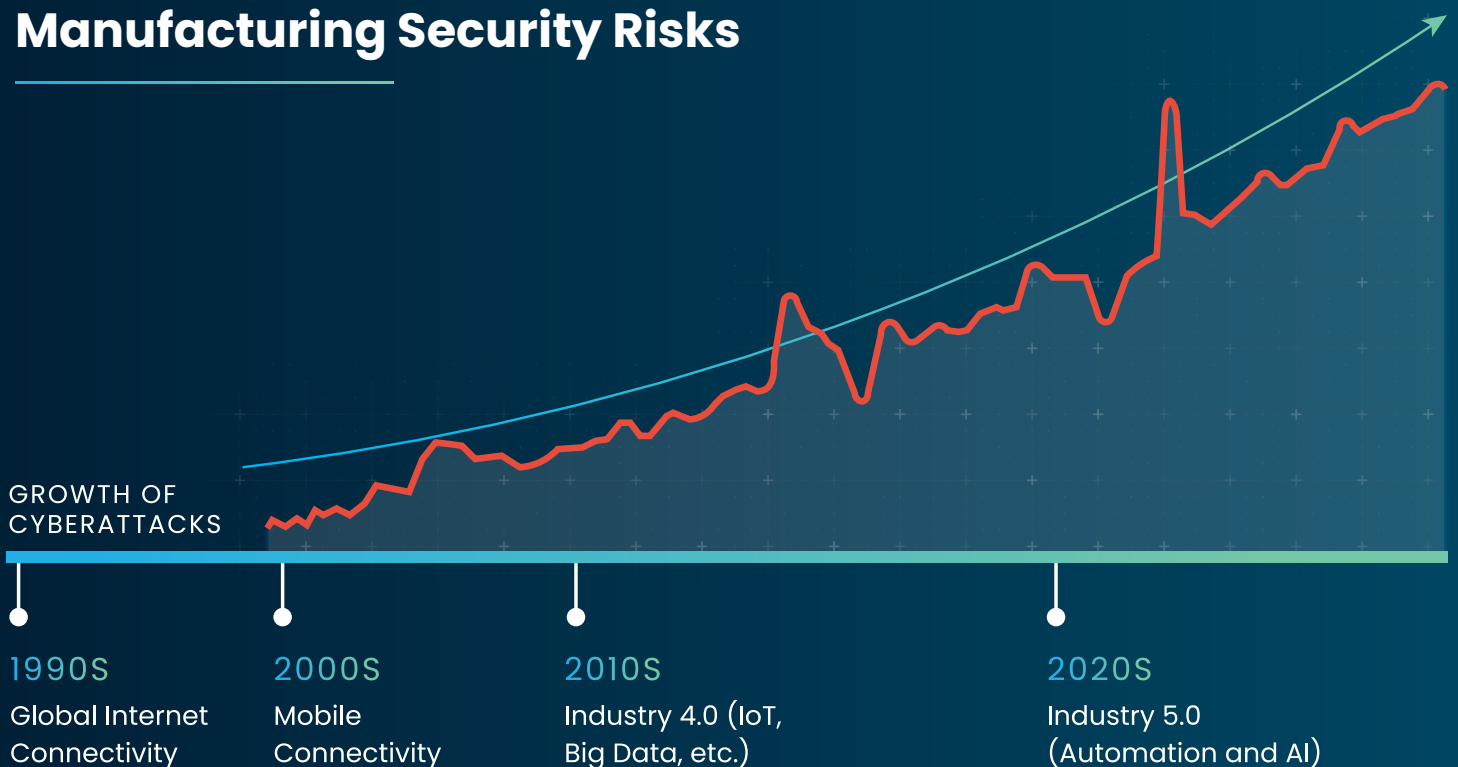
Safous Privileged Remote Access for Industry 5.0

Manufacturing is moving toward Industry 5.0, where people and intelligent systems work side by side across connected production environments. While this shift improves efficiency, it also expands the number of digital entry points that attackers can target. Safous is designed around an identity-first, session-level access model, enabling secure remote access to industrial systems without expanding network trust boundaries.

Attacks targeting OT and converged IT/OT environments continue to rise, with industry reports showing an **89% increase in confirmed manufacturing data breaches last year.**¹ And with the **global average breach cost at \$4.99 million,**² securing access management is now a strategic imperative.

Safous Privileged Remote Access delivers Zero Trust security to operational and IT assets alike without requiring changes to OT networks, endpoints, or control systems – preserving operational stability, safety, and uptime.

Manufacturing Security Risks



Automation and AI are accelerating production, but they also introduce more connected systems and identities to secure. With factories relying on AI-guided maintenance, remote support, and autonomous workflows, gaps in access control are becoming easier to exploit.

Manufacturers need identity-based oversight that protects automated environments without slowing operations.

Not convinced? Check out these recent statistics:³

68%
of organizations
lack identity security
controls for AI.

Machine identities
outnumber humans
by 82 to 1.

50%
of businesses
have suffered a
breach tied to a
machine identity.

1. <https://www.verizon.com/business/resources/infographics/2025-dbir-manufacturing-snapshot.pdf>
2. <https://www.ibm.com/reports/data-breach>
3. <https://www.cyberark.com/press/machine-identities-outnumber-humans-by-more-than-80-to-1-new-report-exposes-the-exponential-threats-of-fragmented-identity-security>

Case Study: Global Food & Beverage Manufacturer



Scope:
100+ global
production sites



Users:
2,000 remote
maintenance and
support engineers



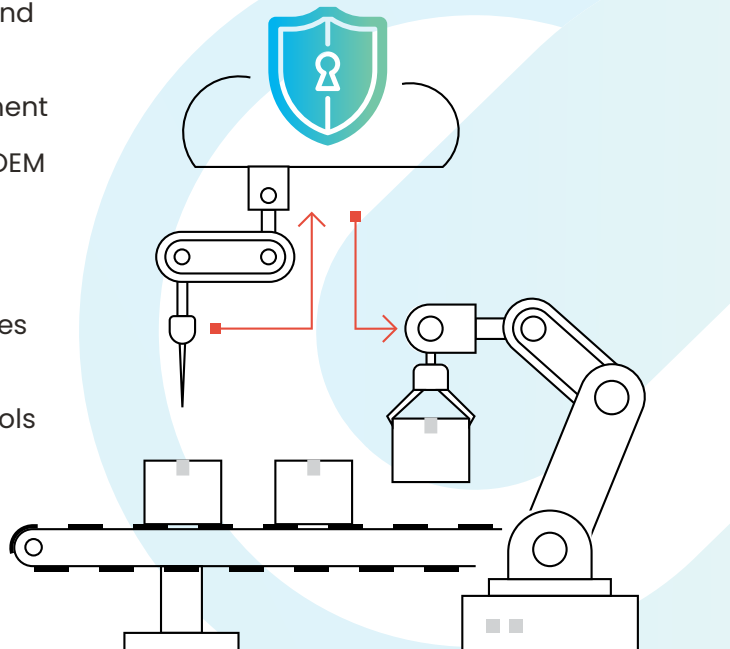
The Need:
Enable secure access
for remote users to
critical OT systems.

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



Designed for Modern Manufacturing Needs



Remote Vendor Access:

Allow third-party technicians to access SCADA systems for maintenance without deploying a VPN or giving direct network access.



Global Plant Operations:

Centrally manage access to production assets across sites in APAC, North America, and EMEA, all from a single admin console.



Time-Limited Sessions:

Provide time-limited, just-in-time access for engineers updating PLC or HMI systems without permanent credentials.



OT Asset Monitoring:

Securely access smart industrial sensors and monitoring devices while maintaining strict separation of operational networks.

Why Leading Manufacturers Choose Safous



Unify PAM, IAM, & Zero Trust

Stop stitching together multiple tools. Safous combines Privileged Access Management, Identity & Access Management, and Zero Trust Network Access into a single, subscription-based platform with no hidden add-ons or complex licensing.



One Platform for All Use Cases

Whether it's remote maintenance, outsourced engineering, or contractor access, Safous supports diverse access needs with unified policies, browser-based access, and no changes to endpoints.



Simplify Compliance and Audits

Capture every privileged session in real time, down to keystrokes and screen recordings. Safous supports regulatory and industrial security requirements by providing full session traceability, centralized governance, and audit-ready reporting across facilities and third-party vendors.



Faster Time to Value

With Safous, there's no software to install on target hosts, so no modifications to plant infrastructure or disruption to industrial control environments. And because there's only one outbound App Gateway to deploy, you can go live in 3–5 business days without triggering network redesign, change management delays, or production downtime.

Industrial Outcomes

- Stronger OT protection
- Centralized management
- Safer operations
- Reduced downtime
- Simplified compliance
- Secure global operations

Safous Privileged Remote Access Features



Agentless Architecture

Safous removes the need to install software on OT devices and endpoints, which preserves the operational stability, safety, and uptime of legacy devices.



Flexible Deployment

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



Full Session Oversight

Real-time alerts, supervised access, and time-bound permissions help prevent misuse and ensure every session is traceable for audits and investigations.



Credential Security

Built-in credential vaulting eliminates shared passwords and hard-coded credentials, while SSO keeps authentication controls consistent across sites.



Hybrid Ready

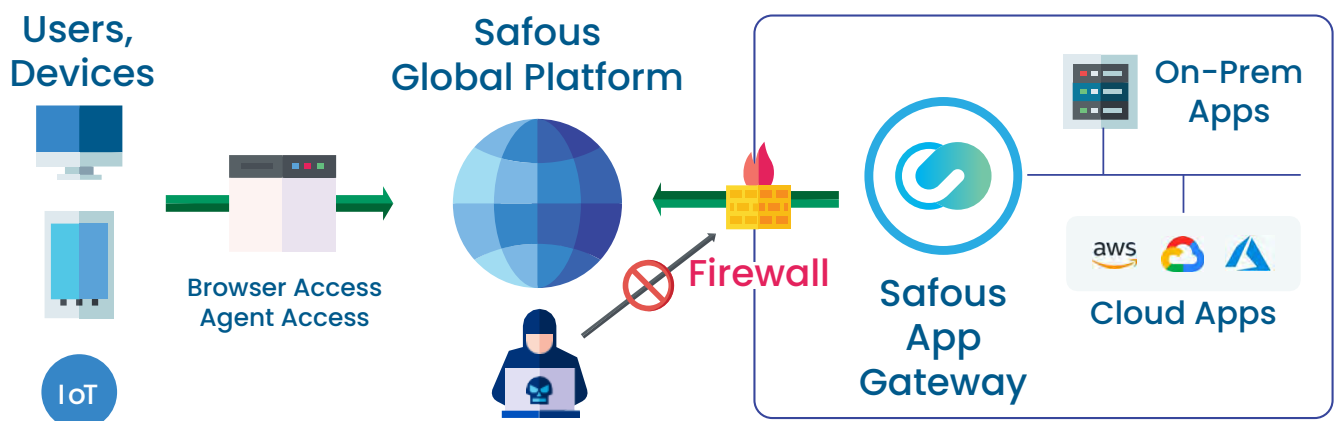
Safous supports distributed environments common in manufacturing, including air-gapped facilities, remote production sites, and multi-country operations.



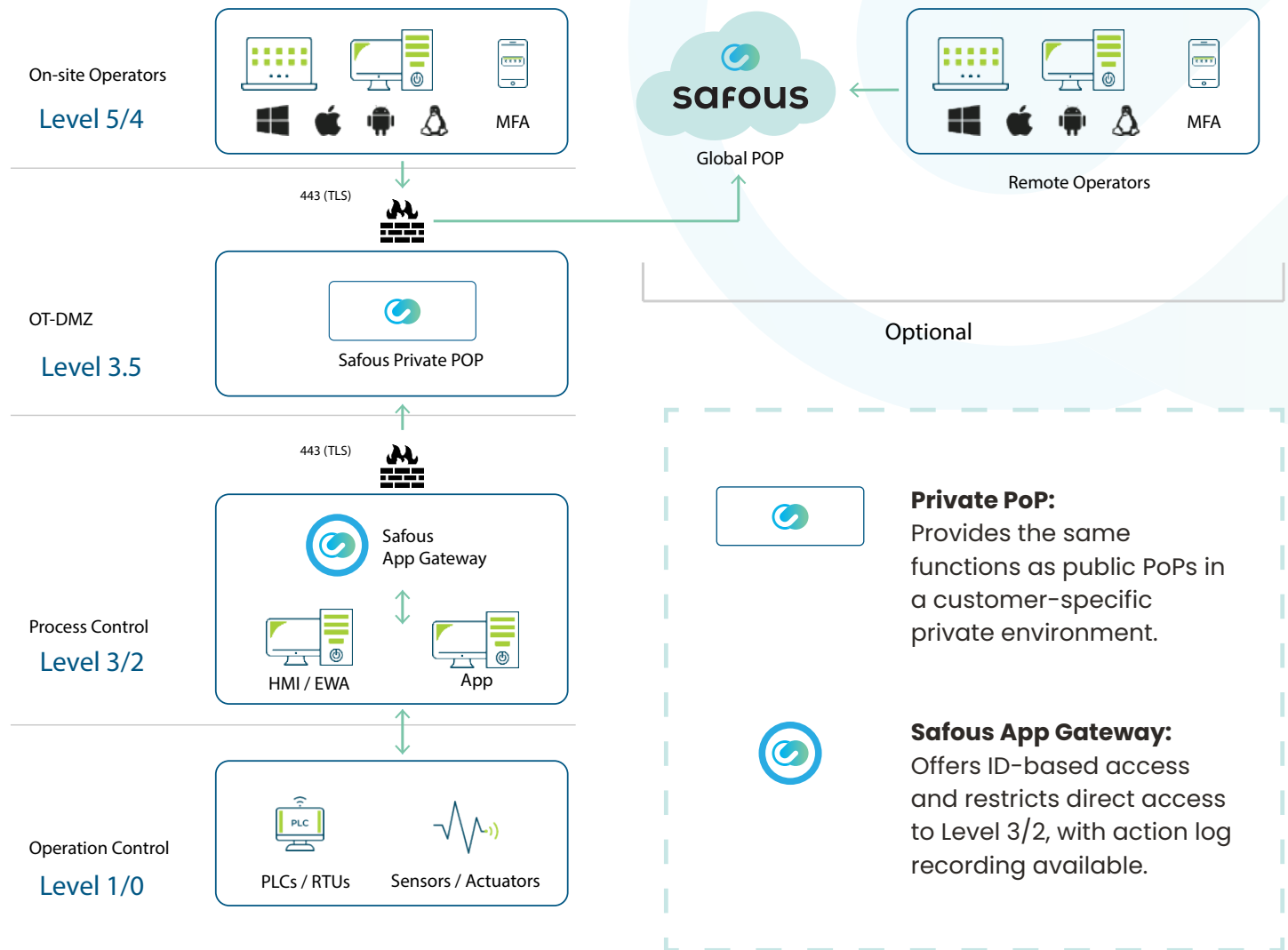
All-in-One Licensing

With Safous, organizations pay a single subscription fee that includes all features, with no hardware or client-license fees.

Safous Architecture



How Safous Secures Industrial 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 PRA, PAM, and IAM services
- 🔒 Secures remote connections to isolated networks
- 🔒 WAF/DDoS bundle frees developers from zero-day attacks
- 🔒 On-prem & air-gapped with Industrial Secure Remote Access

Secure Access for Industrial Environments – Without Operational Disruption

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

GET STARTED TODAY. ➡

safous | THINK YOUR ACCESS