

Protect manufacturers from modern cyber threats

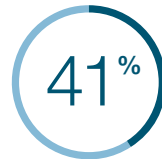
Safeguard your production and profits with phishing-resistant MFA and hardware-backed security

Cyber attacks are on the rise

Remote access, smart technology and the Industrial Internet of Things (IIoT) introduce new cybersecurity vulnerabilities in an industry already ripe with compromised credentials from phishing that lead to more widespread attacks like ransomware.



Manufacturing is the top industry attacked by ransomware
[Source](#)



of manufacturing cyber attacks are caused by malicious emails or phishing
[Source](#)



of all cyber attacks in 2022 were carried out against manufacturers
[Source](#)



increase in manufacturing attacks between H2 2022 and H1 2023
[Source](#)

Since information technology (IT) and operational technology (OT) are increasingly intertwined, cyber attacks

can cause production outages, equipment damage, lost revenue and further impact end consumers.

A true Zero Trust approach

It's critical that no user or device is allowed into your network unless explicitly verified. Multi-factor authentication (MFA) should be the first-line defense of any cybersecurity strategy for manufacturers of all kinds. While any MFA is better than a password, not all MFA is created equal.



Legacy MFA such as mobile-based (SMS codes, one-time passcodes, push notifications) is susceptible to phishing, attacker-in-the-middle attacks and fails altogether in mobile-restricted or low connectivity areas.

Manufacturers need modern MFA that protects existing infrastructure while enabling the move to stronger phishing-resistant methods such as Smart Card/PIV and FIDO—both of which protect across industrial environments, factory floors, corporate offices and beyond.

Accelerate Zero Trust, stop account takeovers, and protect your supply chain with Yubico



Schneider
Electric

“By leveraging the YubiKey and the YubiHSM, a small formfactor and powerful hardware security module, we increase the security of our supply chain at Schneider Electric.”

Chad Lloyd | Director of Cybersecurity Architecture for Energy Management

[Read our case study yubi.co/SchneiderElectric](https://yubi.co/SchneiderElectric)



FLUIDRA

“YubiKeys are fast, robust and best-in-class: a best-in-class device and best-in-class security. It’s very smooth, and saves time compared to the people who have to enter the TOTP because you need to type six numbers, for every account. It’s much faster just to touch a key.”

Ángel Uruñuela | CISO

[Read our case study yubi.co/Fluidra](https://yubi.co/Fluidra)

Yubico (Nasdaq First North Growth Market Stockholm: YUBICO) is the inventor of the YubiKey, the gold standard in phishing-resistant multi-factor authentication (MFA), and a creator and contributor to FIDO open authentication standards. The company is a pioneer in delivering hardware-based passkey authentication to customers in 160+ countries. For more information, visit: www.yubico.com.

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Hardware-based phishing-resistant MFA, YubiKey:

- Reduces risk of credential theft by 99.9% and stops account takeovers while delivering 203% ROI¹
- Embrace multi-protocol support on a single key: Smart Card/PIV, FIDO U2F, FIDO2/WebAuthn (passkeys), OTP and OpenPGP
- Secure user access at scale on any device, to legacy and modern applications, shared workstations, IT and OT systems including industrial control systems (ICS) like SCADA
- Bridges to modern FIDO2 passwordless authentication

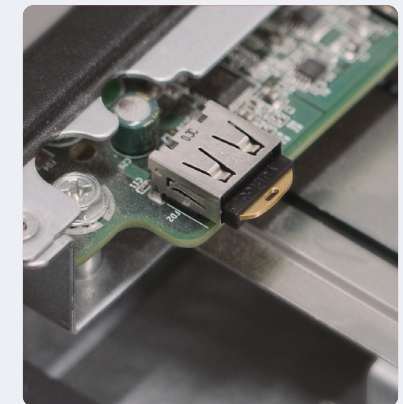
¹ Forrester, The Total Economic Impact of Yubico YubiKeys, (September 2022)

Hardware security module (HSM), YubiHSM:

- Ensures enterprise-grade high cryptographic security and operations that protects servers, applications, and computing devices
- Safeguards intellectual property, corporate secrets and secures manufacturing assembly lines
- Ultra-portable nano form factor that allows for flexible deployment

Yubico has you covered.

IP68 certified and FIPS 140-2 validated solutions to protect any environment from industrial or corporate to highly regulated.



Discover how to secure the supply chain in our white paper yubi.co/wp-manufacturing-pdf



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