

Yubico Announces Upgraded YubiKey 5 FIPS Series - Now FIPS 140-3 Validated

YubiKey 5 FIPS Series uniquely recognized in Department of Defense guidance for hardware-based FIDO2 passkeys, bridging modern authentication with existing identity systems.

Yubico the pioneer of phishing-resistant authentication and creator of the most secure hardware-backed passkey, the YubiKey, today announced the certification of the next generation of its [YubiKey 5 FIPS Series](#) – now [FIPS 140-3 validated](#) with Certificate #5291. Published by the National Institute of Standards and Technology (NIST), this milestone represents the latest evolution in cryptographic module validation and reinforces Yubico’s leadership in delivering hardware-backed phishing-resistant authentication. The YubiKey 5 FIPS Series supports Zero Trust and modern cybersecurity mandates, and is trusted by governments, defense organizations and the world’s most security-conscious enterprises.

“Yubico is setting a new standard for high-assurance authentication, combining government-grade compliance with hardware-backed passkeys,” said Albert Biketi, chief product and technology officer at Yubico. “YubiKey 5 FIPS Series is the only authenticator authorized by the U. S. Government to hold both Department of Defense PKI credentials and FIDO2 passkeys – giving government and regulated organizations a secure bridge to passwordless. With the transition from FIPS 140-2 to FIPS 140-3, government agencies and regulated organizations are moving to a new global standard for cryptographic security – and Yubico is leading this shift with the upgraded YubiKey 5 FIPS Series.”

For organizations responsible for protecting sensitive information – including U. S. federal agencies, defense contractors and regulated industries – transitioning to FIPS 140-3 is a foundational requirement to maintain compliance and security assurance. As the only authenticator [authorized](#) by the U. S. Department of Defense to hold both DoD PKI credentials and FIDO2 passkeys, this unique dual capability simplifies deployments while strengthening phishing-resistant security – allowing organizations to leverage a single hardware device to support FIDO2/WebAuthn, PIV/Smart Card authentication, OpenPGP and OATH OTP.

For more information about the technical details [read here](#).

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Attachments

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