



## Secure Your Enterprise with YubiKey as a Service and Complete Lifecycle Management

Accelerate phishing-resistant MFA adoption with effortless user enrollment and comprehensive admin control.



### YubiKey as a Service and Versasec vSEC:CMS and vSEC:CLOUD

Yubico and Versasec provide enterprise customers with secure, passwordless access in minutes. The combined solution delivers the most secure, device-bound passkeys to your doorsteps with Yubico Enterprise Delivery - significantly reducing administrative and logistical burdens. This joint solution automates manual tasks such as user registration, YubiKey provisioning, shipment and complete lifecycle management, reducing friction and eliminating overhead.

#### YubiKey Lifecycle Management with Versasec

Manage the complete lifecycle, not just registration. Maintain control in every phase of the YubiKey lifecycle with automated workflows and no-code integrations. [Discover Versasec credential management system, vSEC:CMS.](#)



##### Yubico Delivery

Yubico's delivery solution removes logistical complexity, enabling your organization to ship pre-registered YubiKeys directly to end-users with zero admin touch. [Explore more about Yubico Enterprise Delivery.](#)

SECURITY/COMPLIANCE



##### Beyond Registration

Maintain full control over the YubiKey lifecycle, including user PIN management, easy revocation of lost or stolen tokens, and comprehensive audit and reporting capabilities.



##### Hybrid Deployments

Seamlessly manage and enforce policies for both PKI and FIDO2 side-by-side, protecting existing investments and ensure a high level of authentication for your whole IT infrastructure.

# YubiKey as a Service Experience with Versasec

**Admin Experience: No need for manual shipping or registration. Save on time, labor and costs.**



**Admin starts order in vSEC:CMS**

Admin selects a user and the appropriate credential template in vSEC:CMS.



**Order Submission**

vSEC:CMS prepares the order and submits it to Yubico for provisioning and shipping.



**YubiKey Delivery**

The YubiKey is programmed accordingly and then shipped directly to the user.



**Admin Notification**

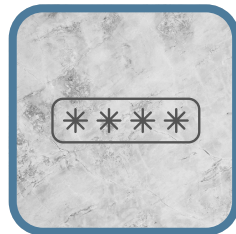
vSEC:CMS tracks and notifies Admin of shipping delivery and YubiKey activation status.

## User Experience: Secure passwordless authentication in minutes.



**YubiKey Delivery**

The YubiKey is programmed and shipped directly to the end-user.



**PIN**

The user receives a PIN according to company policies



**Authenticated**

With the use of a PIN and tap of the YubiKey, the user is easily authenticated on Day 1 never relying on vulnerable temporary credentials for initial access

- Steps taken by the Admin or User
- Steps automatically performed by Yubico and Versasec

## Admin and User Experience Benefits



### Streamlined for Admins

Admins can issue a YubiKey on behalf-of-user, eliminating risk, time, and cost overhead associated with self-service registration. Yubico handles the customer inventory and delivery to end-users eliminating the need to manage inventory.



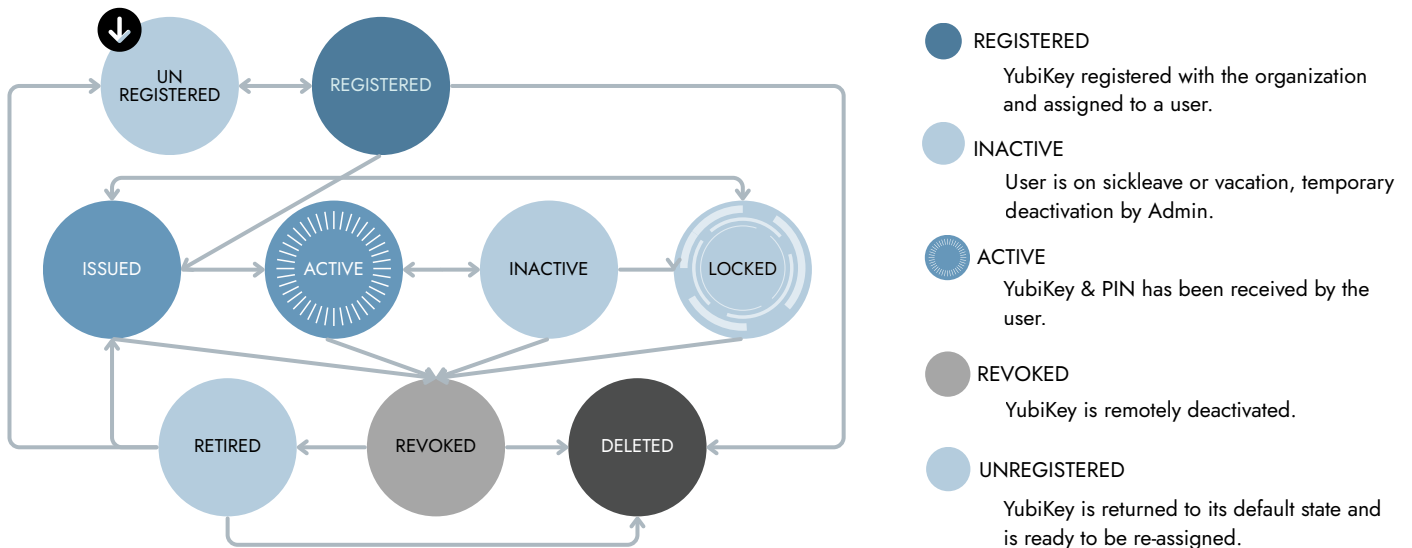
### Effortless for Users

Users receive pre-registered YubiKeys shipped directly from Yubico, enrolled in the organization's Identity Providers (IdP), eliminating the need for insecure and complex self-enrollment. Enjoy secure, passwordless phishing-resistant access to online accounts within minutes.

# Streamlined YubiKey Lifecycle Management

With YubiKeys in the hands of the end-user, this solution provides a simple, centralized orchestration platform that delivers full lifecycle control. It enables seamless management of FIDO2 passkeys and PKI/PIV credentials. Additionally, it supports the enrollment of passkeys in one or multiple IdPs from one central interface.

Enjoy device PIN management, automated workflows, reuse of previously issued YubiKeys, and auditability on all credential actions.



## FAQ

### Is it possible to pre-register a Certificate Authority (CA) certificate?

No. With YubiKey as a Service and Versasec, you can pre-register YubiKey tokens only for FIDO use cases. Certificate Authority (CBA) enrollment occurs after the user receives the token, using vSEC:CMS User Self-Service application or vSEC:CMS Admin console. Importantly, vSEC:CMS allows you to manage FIDO and PKI side-by-side.

### Which Identity Providers (IdPs) are supported for passkey creation?

The organization can initiate passkey creation with any IdP supported by Versasec. Currently, vSEC:CMS supports Entra ID, Entrust IDaaS, Ping Identity (Pingone and PingID), Okta, STA, and Gluu. Furthermore, within vSEC:CMS, passkeys can be enrolled for one token across multiple IdPs.

### Who is the primary beneficiary of this solution, and what is the nature of that benefit?

This solution is designed for medium and large enterprises, government organizations, and highly regulated industries who:

- Are actively pursuing a passwordless MFA/Zero Trust framework.
- Operate in hybrid environments where employees work from home or remotely.
- Need to deploy high volumes (from hundreds to multiple thousands) of YubiKeys.
- Are overwhelmed by manual administration and require centralized audit trails and compliance.
- Must secure YubiKeys at every stage of its lifecycle and could use automation workflows.

# yubico

Yubico accelerates enterprise ability to adopt phishing-resistant MFA at scale, and creates phishing-resistant users, with a turnkey FIDO authentication experience.

With Yubico Enterprise Delivery, enterprise customers using YubiKey as a Service are able to provide secure, passwordless access to their users' online accounts in minutes using the most secure form of passkey authentication, while reducing the burden on their admins. FIDO Pre-reg, exclusively available through YubiKey as a Service, eliminates manual user registration, as users can receive YubiKeys that are pre-registered with Versasec credential management system and have security keys shipped directly to the user—whether in corporate or residential locations.

# versasec

Versasec provides on-prem and cloud credential management systems for enabling a seamless and scalable rollout of device-bound passkeys for FIDO2, PKI and RFID. With its systems, the YubiKey can be configured for enterprise-wide usage.

With Versasec, organizations can efficiently manage the YubiKey lifecycle and automate security workflows for a seamless management experience. Organizations across all industries are empowered to eliminate manual and repetitive time-consuming tasks, disconnected isolated systems, and create a frictionless experience for users and administrators.

## Contact Versasec

We invite you to schedule an [identity strategy consultation](#) with our IAM experts to determine how vSEC:CMS or vSEC:CLOUD can solidify your infrastructure, accelerate your journey to passwordless security, and optimize your overall security portfolio.



[Schedule your identity strategy consultation today!](https://download.versasec.com/products/demo-registration)  
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