



## Professional Services

# Microsoft Entra ID CBA Implementation

A dedicated technical engagement designed to help you implement YubiKeys and MFA with Microsoft Entra ID Hybrid using Certificate-Based Authentication (CBA).

Yubico is leading the charge toward a more secure and frictionless authentication future. Our team of accredited security experts offers unique guidance and expertise in a comprehensive and targeted project designed to help you quickly and easily integrate YubiKeys with Microsoft's MFA and passwordless functionalities in the Entra ID environment.

Professional Services offers a targeted two-week engagement designed to assist you in:

- Enabling your Entra ID passwordless environment
- Establishing your Entra ID hybrid join for domain machines
- Configuring Smart Card protocol for your privileged users
- Reviewing Remote Desktop MFA and other use cases, including Virtual Private Networking (VPN)
- Applying YubiKey lifecycle management and implementation best practices

### Benefits include:

- Enhanced security through implementing strong authentication throughout your organization
- Enabling Certificate-Based Authentication (CBA) for Windows logon, cloud application and mobile devices
- Enabling on-premises Smart Card (PIV) passwordless logon for your privileged domain users
- Allowing convenient and secure Single Sign On or passwordless authentication for your Remote Desktop environment
- Review of options for securing your VPN access



Includes 20 hours of post-integration Professional Services assistance



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## Topics Covered

Our Professional Services team will cover these topics in your engagement:

### Use Case Review

- Examine your technical architecture and use cases to ensure the optimal fit

### Certificate-Based Authentication (CBA)

- Enable CBA in Entra ID
- Test CBA with cloud applications
- Test CBA with Windows logon (optional)
- Test CBA with mobile devices (optional)
- Configure Authentication Strength Policies (optional)
- Configure Conditional Access Policies (optional)

### On-premises Smart card (PIV implementation)

- Discuss fundamental PKI concepts and assist in reviewing/standing up your PKI environment
- Configure your Certificate Authority (CA) for self-enrollment and deploy the YubiKey minidriver and YubiKey Manager
- Review smart card PIN change, PIN reset (PUK), as well as auto enrollment, enroll-on-behalf and self enrollment
- Discuss Key removal behavior (lock/logoff) and smart card enforcement

### Operational deployment best practices

- Successful approaches and tips to help streamline and expedite your YubiKey rollout

## Who should attend:

- Network/infrastructure admins that maintain Windows domain, servers and workstations
- Cloud administrators responsible for Entra ID/365
- Web administrators (for making certificate revocation list publicly-accessible)
- Deployment project managers