

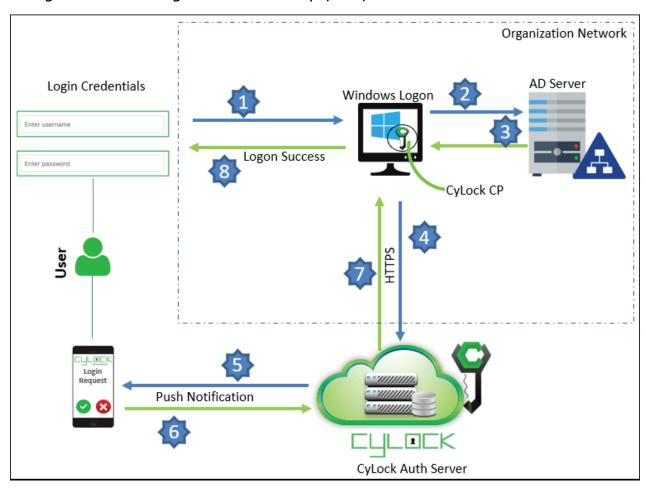


CyLock MFA for Windows Logon

The standard username and password system for Windows logon is not fully secure due to vulnerabilities such as weak passwords, password reuse, phishing attacks, and the risk of credential stuffing. Attackers can exploit these weaknesses through various means, including brute force attacks, keyloggers, and social engineering. With only a username and password, there is no additional verification layer, making it easier for unauthorized access in the event of compromised credentials. Multi-factor authentication (MFA) addresses these issues by requiring an extra layer of authentication, significantly enhancing security by demanding something the user knows and something they have, like a mobile device, for access, thereby mitigating these vulnerabilities and bolstering security.

CyLock supports the following scenarios during logon to Windows desktop and server through CyLock Credential Provider a custom credential provider built for enabling MFA:

- Local or domain login (Windows Desktop)
- Logins for incoming Remote Desktop (RDP) connections



Authentication Options

On top of strong password policies, organizations can enable MFA to provide a more secure Windows logon process. MFA can provide security against cyber-attacks thereby safeguarding enterprise identity and data. The table below lists the authentication types and the security options supported during Windows logon.

Authentication				
MODE	TYPE	SECURITY	MOBILE DEVICES	INTERNET IN MOBILE
	Push	Push Biometric PIN	*	*
	QR	Biometric	*	*
8	**** CR-OTP	PIN Biometric	*	\oslash
8	CR-OTP CR-OTP	PIN Biometric	*	\bigcirc
8	POTP	None	*	\bigcirc
8	TOTP	None	\oslash	\oslash
8	GRID	#### PIN	0	\bigcirc



Currently CyLock MFA for Windows logon is supported in the following client and server operating systems:





Benefits of enabling CyLock MFA for Windows Logon

- Enhanced security against password-related breaches and unauthorized access
- Adherence to industry benchmarks and regulations for data security
- Safeguarding sensitive data and confidential information
- Added security for remote and off-network access
- Improved accountability and auditing of user access
- Enhanced user convenience and reduced password fatigue
- Protection against phishing and social engineering attacks

Solutions offered by CyLock MFA





Available: On Prem | Private Cloud | As a Service