

CYBERSECURITY



CYLOCK MFA

An Extra Layer Of Authentication To Protect The Data With Ease, Strong Secure Connection. A Second Factor Authentication (2FA) solution that employs mobile devices as authentication factors. Forget expensive and cumbersome tokens, or non-user-friendly SMS OTPs. With this 2FA deployment, management and support get simplified. Achieve up to 40% reduction in Total Cost of Ownership as compared to hardware tokens. With option of on premises deployment or cloud based 2FA-as-a-Service, you can tailor it to your exact needs. CyLock uses technology your users already possess and are familiar with- smartphones and tablets. What's more, with industry leading feature set and secure Out-of-Band authentication, we stand apart from the competition. Whether you are looking to add 2FA to log-in systems or for transactions, VPNs to SSH, CyLock is the 2FA solution you deserve.

ADVANTAGES OF CYLOCK

No Hardware Required:

CyLock is a token-less 2FA solution. So no need for special hardware / token device to generate OTP during authentication. Authentication is done through end users mobile phone



Easy Self Enrollment:



Enrolling end-users into a 2FA system is a time-consuming, error prone and costly process. That is why CyLock comes with a convenient, QR code based, self-enrollment feature. With a quick scan of a custom generated QR Code and few taps, your users are automatically enrolled into and protected by CyLock.

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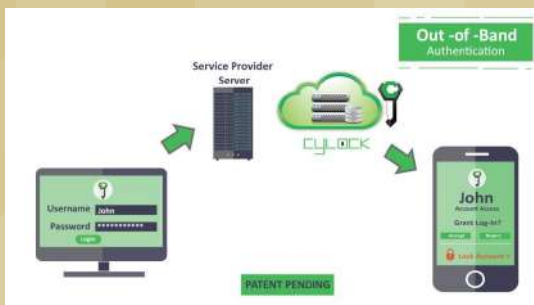
Cloud or On-Premises:

CyLock can be deployed either on cloud (AWS or Azure or Google or any other cloud service provider) or on-premise data center



Out of Band Authentication:

Averting modern cyber-attacks such as Phishing, Man in the Middle (MITM) and other Single Channel attacks require sophisticated 2FA solutions. Existing solutions such as OTP hardware tokens, SMS OTPs, Phone OTPs or even transaction signing tokens do not offer full protection against these attacks. CyLock employs secure secondary channel communication with your enterprise apps and services, otherwise known as an Out-of-Band channel, to overcome such attacks.



USE CASES

Retail Banking:

- a. Internet Banking login with 2FA (eliminate OTP)
- b. Beneficiary Registration (Eliminate OTP)
- c. Transaction – RTGS, IMPS, NEFT etc.
- d. Cheque Book request
- e. Download Statements
- f. NO OTP required to conduct transaction when users are out of country, as push notification can reach if Internet is available in the phone
- g. Register multiple devices to carry out transaction with ease (For example, customer might have one phone for India and another for USA (any other country). Customer can select which device to get push notification)
- h. For fall back mechanism, customer can carry out transaction offline using our COTP method
- i. For any new service opening like FD, RD, demand draft, online shopping, bill payments etc.
- j. Customer user Management (change customer information , change user password, change of transfer limit, change security question etc.,)
- k. For ECS (electronic clearance service) when there is price change happening month on month, user can stop the transaction if they suspect unusual activity.



CyLock 2FA can be enabled for corporate banking:

- a. Corporate Banking login with 2FA (eliminate OTP)
- b. Beneficiary Registration (Eliminate OTP)
- c. Transaction – RTGS, IMPS, NEFT etc. Maker / Approver concept. Team member generate the request, approval is given by Organization Head / MD / CEO etc. This will enable the approver to complete the transaction from Anywhere, anytime, based on priority
- d. Salary bulk upload process – Maker /Approver using 2FA
- e. Cheque Book request