


V-Key Multi-Factor Authentication

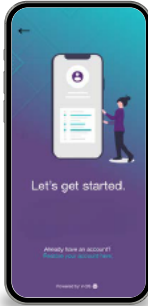
The Only MFA Solution You Need For All Your Cloud Apps, VPNs and Enterprise Systems.

One Authenticator To Rule Them All


1 Download the V-Key Soft Token Mobile App



2 Follow the steps to set-up your account



3 Verify your identity and access your account



Built on the Globally patented V-OS Virtual Secure Element, the V-Key Smart Authenticator provides a Cloud-based MFA solution for Android and IOS. Trusted by banks and super-apps, and built to support multiple productivity platforms, customize the Authenticator for your Business brand.

BENEFITS

- No token hardware results in lower cost of provisioning, management and renewal.
- Simple licensing model, one license covers the use of both client and client-less modes.
- Leverage current trends in computerization in the workplace.
- Maximize corporate investment in smart devices.
- Improve user adoption rates through ease of use and lack of incremental token.
- Customization allows for company-branded user experience.
- Reduce helpdesk costs.
- Cloud-based and no server installation.
- Flexible pricing plans with no fixed user brackets
- Token keys never stored at an untrusted third party or token vendor. No potential for compromise
- Accounts can be suspended if phone is lost then re-instated when phone found.

HIGHLIGHTS

- FIPS 140-2 Certified Virtual Secure Element
- Simple deployment
- Powerful admin management
- Protection all solutions
- Visualized dashboard
- Advanced authentication migration
- Multiple form-factors – soft token, OTP, FingerPrint, FaceID, TouchID and SMS
- Soft tokens for iPhone and Android
- Intelligent price model – one price per user per year, regardless of form factor
- ADFS/RADIUS, SAML+ and OCID support
- Intuitive web portal for user self-provisioning
- Comprehensive reporting and compliance engine
- Single Sign-on
- Simplify login to applications from trusted devices
- Mobile Push Notification for quick login without OTP
- Authentication server available as Cloud service and managed service
- Integration and migration options available

USE CASES

- Enhance RADIUS or Active Directory or Entra ID
- Cloud-based Services Authentication
- RDS Authentication
- Passwordless Login
- Secure Windows PCs
- Secure Microsoft Always On VPN access
- Secure VDI Access
- Secure Remote Desktop



V-OS Virtual Secure Element

At the heart of V-Key's solutions is V-OS, the world's first Virtual Secure Element to be FIPS 140-2 (US NIST), achieve FIDO security targets, and be Common Criteria EAL3+ certified. V-OS creates an isolated virtual environment within mobile applications to safely store cryptographic keys and other important information.

KEY FEATURES

- Enterprise Grade Solution.
- Works on Cloud and on-premises.
- Support 3rd party authentication servers.
- Multi-layered advanced mobile security protections.
- Supports symmetric & asymmetric cryptography standards.
- Provision multiple tokens within a single app.
- Secure PKI & OTP.
- Meets FIDO Standard.
- CC EAL3+ & FIPS 140-2 Certified.
- Trusted Time.
- Overlay & Screen Mirror Detection.

- Remote Locking.
- Copy-Protected Device Binding.
- True End to end-to-end encryption.
- Secure API.
- FaceID, FingerPrint, PIN Lock.
- Multi-Service Provider.
- Multi-Device.
- Physical Access.
- Built-in App protection.
- Threat Intelligence Dashboard.
- Customizable UI.
- Able to operate in rooted/jailbroken devices.

Section	Features
Functionalities	PKI Auth
	PKI Transaction validation
	OTP
	Multi-Service Provider
	Multi-Device
	Physical Access
	Secure Messaging
	Secure Access to VPN
	Secure Access to O365
	Customize Application support
	Global Language Support
User exp	Intuitive Ux
	WYSIWYS (What you see - what you sign)
	Flexible Activation
	Easy rebranding
	Localization
	2-Step Gesture
Others	Certification/Compliance
	Patent - FIPS 140-2, CC EAL3+, SOC 2, OATH

Section	Features
Security	Customizable Password policy
	Threat Intelligence
	FaceID, FingerPrint, PIN Lock
	Transaction information protection
	Secure Channel
	RASP (Run time ASP)
	Jailbreak & Root Detection
	Tamper Detection & Anti Cloning
	External Audits
	Virtual Secure Element (V-OS)
	Strong protection of cryptographic keys and OTP seeds
	Debugger, simulator, hardware emulator detection
	Hook detection
	Secure Channel to the application server
	Alert monitoring systems that an attack has happened
	Detection of malware (e.g., accessibility-enabled malware)
	Anti-screenshot
Security (Monitoring)	