



# Salt Mobile SDK

## EMBEDDED TOKEN

EMBED THE CAPABILITY OF SALT mSIGN AND SALT mCODE STANDALONE SECURITY TOKENS IN EXISTING MOBILE APPS

Salt Mobile SDK is an embedded library with a collection of APIs that enable multi-factor authentication of user identity and transaction signing capabilities within existing mobile apps such as mobile banking. All the 'Connected Token' features and capabilities of Salt mSign and Salt mCode are included in the Salt Mobile SDK embedded token.

## SALT MOBILE SDK CAPABILITIES



Connected **Biometric 2FA Login** for User access via RADIUS, Microsoft ADFS, SAML Federated Login for cloud, Shibboleth and Browser-based Web Applications



**Transaction Signing** for both In-App initiated transactions and for desktop/browser transaction authentication



Single **Authenticator** for all the organisation's mobile apps supporting multiple methods of sign-in and authentication via **Inter-App**.



**Challenge / Response** transaction signing with manual entry akin to traditional hardware tokens

## TYPICAL USES

- ✓ Embedded Mobile Soft Token used for 2FA Biometric Login to Internet Banking, e-Government and Corporate Portals
- ✓ High Value Transaction Signing with WYSIWYS (What You See Is What You Sign)
- ✓ Biometric MFA Login for Remote Network Access: RADIUS, ADFS, Shibboleth
- ✓ Authentication for other Mobile Apps on the same device
- ✓ Quorum Approvals and Advanced Workflows with separation of duties where the Initiator of Payment Instruction is not authorised to approve; with multiple Authorisers
- ✓ Hardware Token replacement



## BENEFITS OF SALT MOBILE SDK

- ✓ Provides a single embedded security token per user which can be used identically across all the Enterprise's digital channels; mobile apps, ADFS, VPNs, PAMs and web applications
- ✓ The use of Salt Mobile SDK's Inter-App capability enables mobile apps to leverage the authentication capabilities of Salt mSign with minimal changes to their mobile apps and provides a consistent and frictionless authentication workflow, regardless of the channel being used. The Inter-App feature will seamlessly accommodate situations where the Salt Embedded Token is resident on the same device as the app or on an alternate device
- ✓ Salt Mobile SDK alleviates the complexity and need for engineering security and authentication of user identities and transaction signing into existing mobile apps
- ✓ Salt Mobile SDK provides a cryptographically based authentication service that utilises internationally recognised and approved standards for signature generation that provide surety that the authentication signature was generated on the registered device; and through biometric or PIN based authorisation, that the user was in charge of the device at the time of signature generation and submission to the authentication service
- ✓ Salt Mobile SDK complies with contemporary standards and specifications as prescribed by NIST. This applies to the use of particular cryptographic and related algorithms, cryptographic key usage and e-Authentication assurance guidelines in respect to multi-factor authentication. Salt Mobile SDK has been reviewed independently by Trusted Labs in France

## TECHNICAL INFO

- ✓ Supported on Android and iOS
- ✓ Symmetric and public key signature capability
- ✓ Supports multiple methods of receiving authentication request: Push Notification, QR Codes and Inter-App
- ✓ Biometric and PIN support
- ✓ Dynamic Linking, WYSIWYS (What You See Is What You Sign)
- ✓ Strong User & Transaction Authentication: Knowledge, Possession, Inherence
- ✓ Advanced electronic signatures uniquely linked to the signer

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