



DATASHEET

## MOBILE SECURITY SUITE

### HIGHLIGHTS

#### Strong security

Secure the core components of your app including communications, storage, and user interface.

#### Ultimate user experience

Offer a wide range of flexible authentication options and protect users with an invisible layer of security.

#### Modular toolkit

A complete suite of more than 18 security, authentication and e-signature capabilities developers can deploy when they need it.

# MOBILE SECURITY SUITE

An all-in-one developer's toolkit designed to improve security and user convenience across your mobile application ecosystem

Mobile applications are changing the way business is done, offering instant access to services for your users. Unfortunately, motivated hackers are taking advantage of the many complexities created by the mobile ecosystem to exploit vulnerabilities, resulting in sophisticated fraud schemes and theft of sensitive data.

### Increase security and reduce friction

OneSpan Mobile Security Suite is a comprehensive developer's toolkit (SDK) and unique single framework that natively integrates application security, two-factor authentication and electronic signing into your mobile applications. Through a complete library of APIs, you have all the necessary building blocks to extend and strengthen security for your applications and deliver unprecedented convenience to your users, while streamlining the application deployment and lifecycle management process. Benefits of OneSpan Mobile Security Suite include:

- **Fraud Prevention:** A unified framework that enhances security across all core components of your application – communication, storage, platform, provisioning, interface and user.
- **User and Transaction Protection:** Broad, flexible, and fully integrated two-factor authentication and electronic signing supports the demand for user convenience for even the most sensitive mobile transactions.
- **Risk Scoring:** Risk scoring that is driven by user, platform and context elements is embedded into the authentication process, meeting requirements for enhanced server-side analytics and streamlined compliance management.

### Simplify with orchestration

The Mobile Security Suite Orchestration SDK makes it easy for developers to add authentication and security features into new mobile app projects. Paired with OneSpan Risk Analytics, it also allows for more flexible authentication processes (e.g., PIN to fingerprint to face) with minimal development effort. Additionally, the Orchestration SDK builds-in plug-and-play support for new biometric options as they become available, and without developers having to recode the app, resubmit it to app stores or persuade users to update – effectively future-proofing their app.





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#### HIGHLIGHTS

##### Achieve Compliance

Fulfill strict regulatory and internal requirements for authentication and data protection.

##### Streamline development

Orchestration makes mobile app development easier, reduces costs, and speeds time-to-market.

##### Future proof

Significantly reduce development efforts for integrating new biometric options as they become available with orchestration.

OneSpan Mobile Security Suite helps you enhance security and manage applications at every level, from provisioning through user activation, across multiple user devices. OneSpan Mobile Security Suite is suitable for any server side environment — it doesn't require in-house cryptographic expertise, is fully customizable, runs without GUI issues, meets all graphical requirements and is integrated with a minimum of development effort via the OneSpan Mobile Security Suite Orchestration SDK.

For users, OneSpan Mobile Security Suite provides a convenient, frictionless experience, supports a broad range of options for accessing mobile applications and conducting transactions, and supports most commonly available mobile platforms including Android, iOS, Windows Phone, and BlackBerry.

## Complete mobile application security



“Our users demand a secure, but very convenient and friction-free application that limits the security burden to a strict minimum. OneSpan Mobile Security suite helps us to decrease the login time and increases user convenience with e.g. the Touch ID functionality.”

**Tayfun Küçük**  
Chief Technology Officer  
Odeabank

### Secure User

OneSpan Mobile Security Suite offers extensive authentication options including truly frictionless behavioral biometrics that leverage keystroke dynamics, swiping patterns and more, user-friendly fingerprint and facial biometrics and other proven multi-factor solutions as well as a suite of innovative e-signature products - like Cronto® graphical cryptograms.

### Secure communications

OneSpan Mobile Security Suite offers end-to-end encryption that introduces a new level of service between server and client applications, providing an encrypted secure channel for almost anything, including text, photos, and QR codes.

### Secure storage

OneSpan Mobile Security Suite delivers secure storage functionality through encryption for all application data, independent of any operating system or device. In addition, multi-device management allows users to utilize all devices through a single license.

For Android operating systems, OneSpan supports secure storage protection through the Secure element feature of the device. Securing data on enabled Android phones is achieved via a second layer of encryption, providing an excellent defense against application cloning attacks as the encryption key stored in the Secure element cannot be extracted.

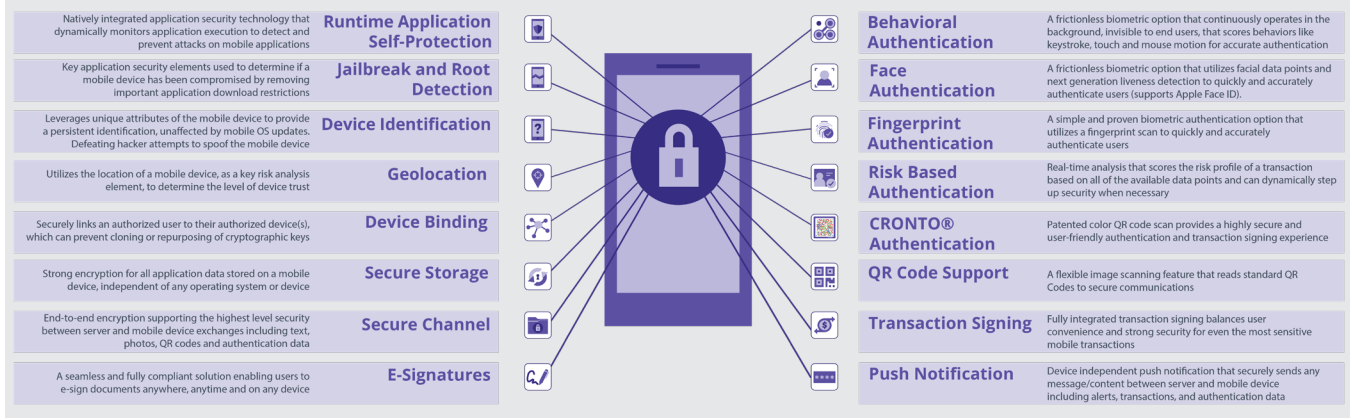
### Secure platform

OneSpan Mobile Security Suite offers features such as geolocation, device binding, jailbreak and root detection to help you protect against platform vulnerabilities that could compromise the security of your mobile application.

### Secure provisioning

OneSpan Mobile Security Suite provides a full range of features for deployment, provisioning and activation, offering manual, online, and QR code-based processes,

## ONESPAN MOBILE SECURITY SUITE



as well as protocol independent features that, leveraging the Orchestration SDK, streamline provisioning across multiple platforms.

### Secure interface

OneSpan Mobile Security Suite provides PIN Management to protect against brute force attacks and dictionary attacks, as well as integration with fingerprint biometric readers. It also supports additional application hardening techniques like zeroing memory.

### Secure Execution

OneSpan Mobile Security Suite offers runtime application self-protection against execution environment corruption and reverse engineering threats through repackaging, debugger, emulator, hooking framework detection, keylogger or screenreader prevention as well as advanced obfuscation and anti-library injection.



OneSpan enables financial institutions and other organizations to succeed by making bold advances in their digital transformation. We do this by establishing trust in people's identities, the devices they use, and the transactions that shape their lives. We believe that this is the foundation of enhanced business enablement and growth. More than 10,000 customers, including over half of the top 100 global banks, rely on OneSpan solutions to protect their most important relationships and business processes. From digital onboarding to fraud mitigation to workflow management, OneSpan's unified, open platform reduces costs, accelerates customer acquisition, and increases customer satisfaction.

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