Secure, compliant, and refreshingly easy digital transactions with OneSpan!

ROMAN RASHEVSKIY SOLUTION ENGINEER

OneSpan: The Digital Agreements Security Company

Hardware Tokens & Multi-Factor Authentication

Mobile Security Suite & AppShielding

OneSpan Sign

At A Glance...





Trusted Around The World





Historical Background















Historical Background





DIGIPASS GO 7 token

The DIGIPASS GO 7 token is a synchronous hardware token that allows you to authenticate to a protected network. The DIGIPASS GO 7 token is simple to use and administer, with no PIN or application selection required by the user and no initialization required by the administrator.

The DIGIPASS GO 7 token authenticates via a dialog between the user and the Defender Security Server. It offers the ultimate in user-friendly high security. The unique one-time password is displayed on a high contrast LCD display. The user reads the number in the display and enters it into the Defender prompt. The system uses the password as additional proof of identity. The password changes periodically, making it very difficult for an intruder to guess.

The DIGIPASS GO 7 token is are key-fob size piece of hardware.





Defender 6.2 Token User Guide
Using hardware tokens

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Historical Background





















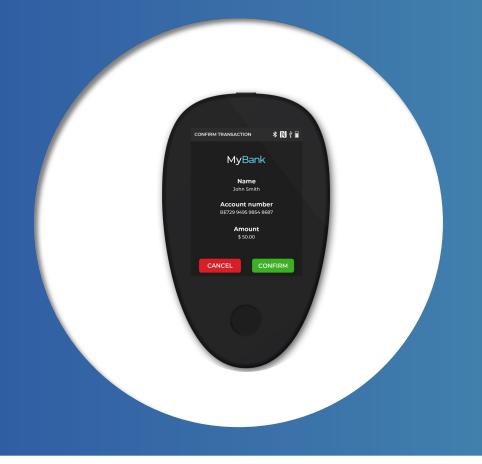
Features

Capability	
FIDO 2 and U2F certified	Y
Secure element	Y
Rechargeable battery	Y
Fingerprint scanning	Y
USB-C	Y
Bluetooth 5.0 (BLE)	Y
NFC	Y
Customizable lens	Υ



DIGIPASS FIDO Hardware Product Line









FX1 Available

High-end pure FIDO device

FX2
Concept
production upon request

Ultra high-end device combining FIDO2 & OATH (TOTP) with display and camera FX7 Q3 2024

Mass-market device

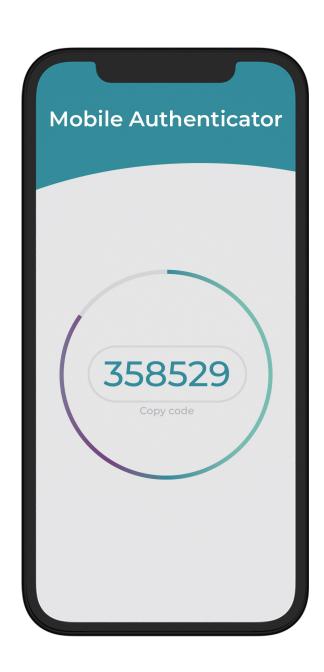
FX?
Work in progress

Unique functionality



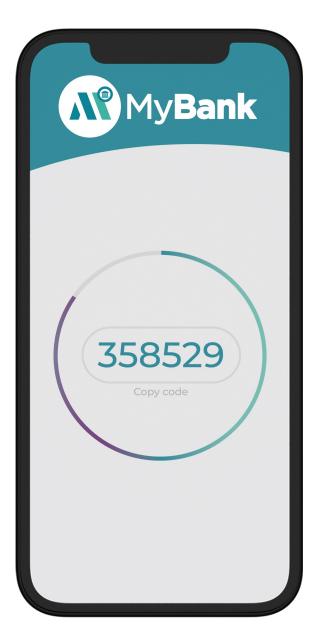
DIGIPASS Software Tokens

Simple mobile app for OTP generation use cases



Mobile Authenticator

Customizable, white-label mobile authentication & transaction signing



Mobile Authenticator Studio

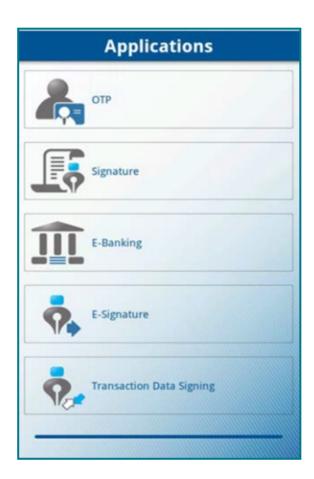
Complete set of SDKs for native integration of mobile app security & authentication

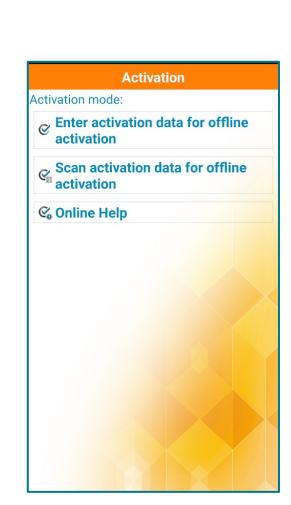


Mobile Security Suite

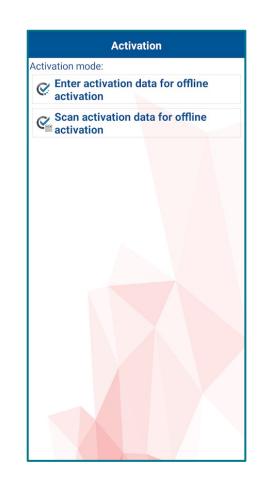
Mobile Authenticator Studio

Customization Options

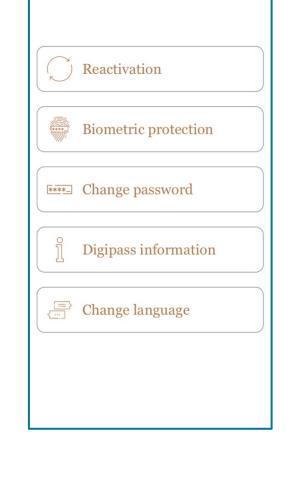






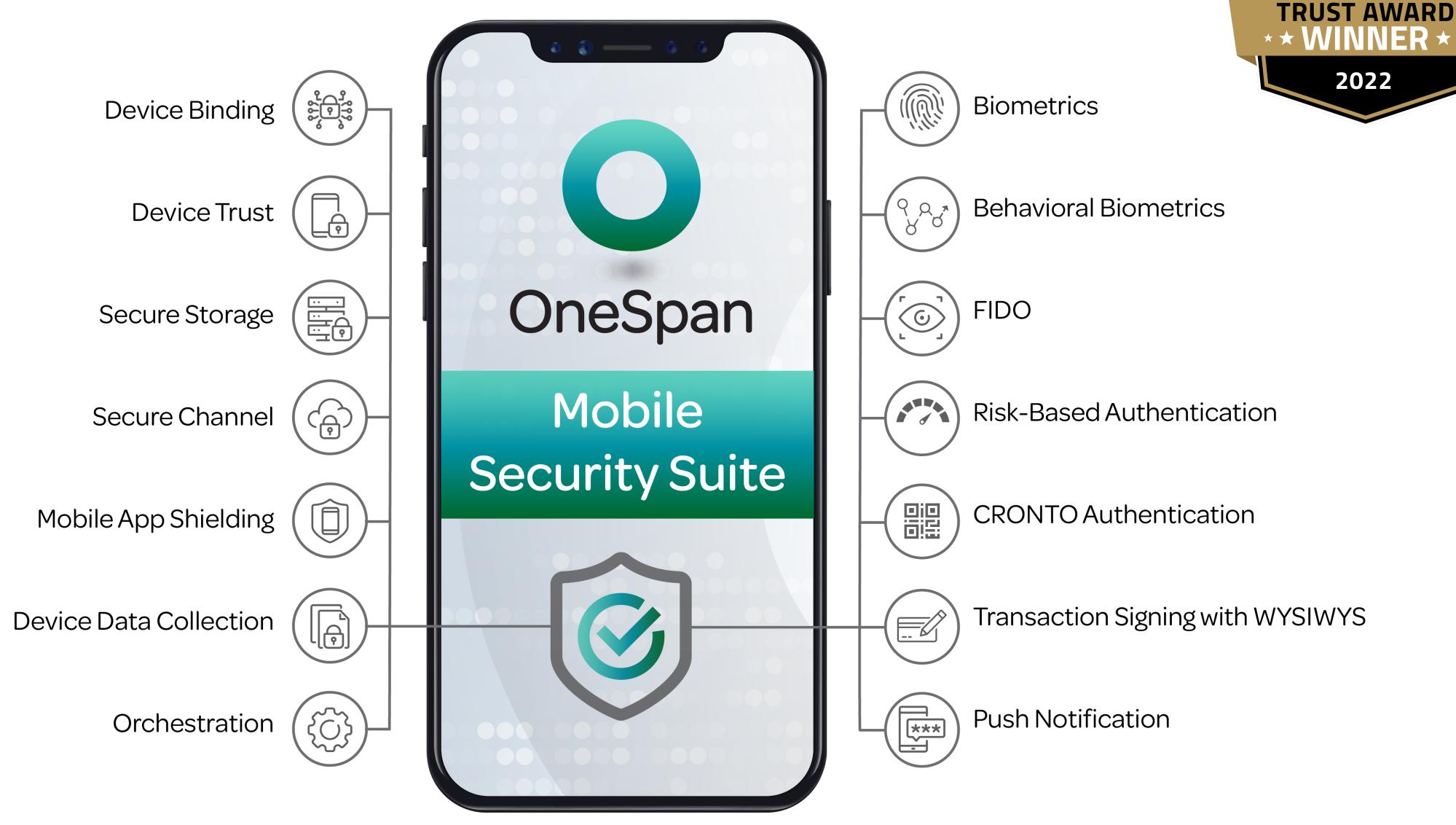








Mobile Security Suite





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··· 25TH YEAR ···

AppShielding Solution Overview





Doot on d

1. PROTECT

Engineering

Encryption

Reverse

Resource

- Root and Jailbreak
- Code Injection
- App Framework

2. DETECT

- App Repackaging
- App Debugging
- Emulated OS
- Screen Shot
- Screen Mirror
- Screen Overlay
- Key Logging Apps
- Screen Readers
- USB Debugging

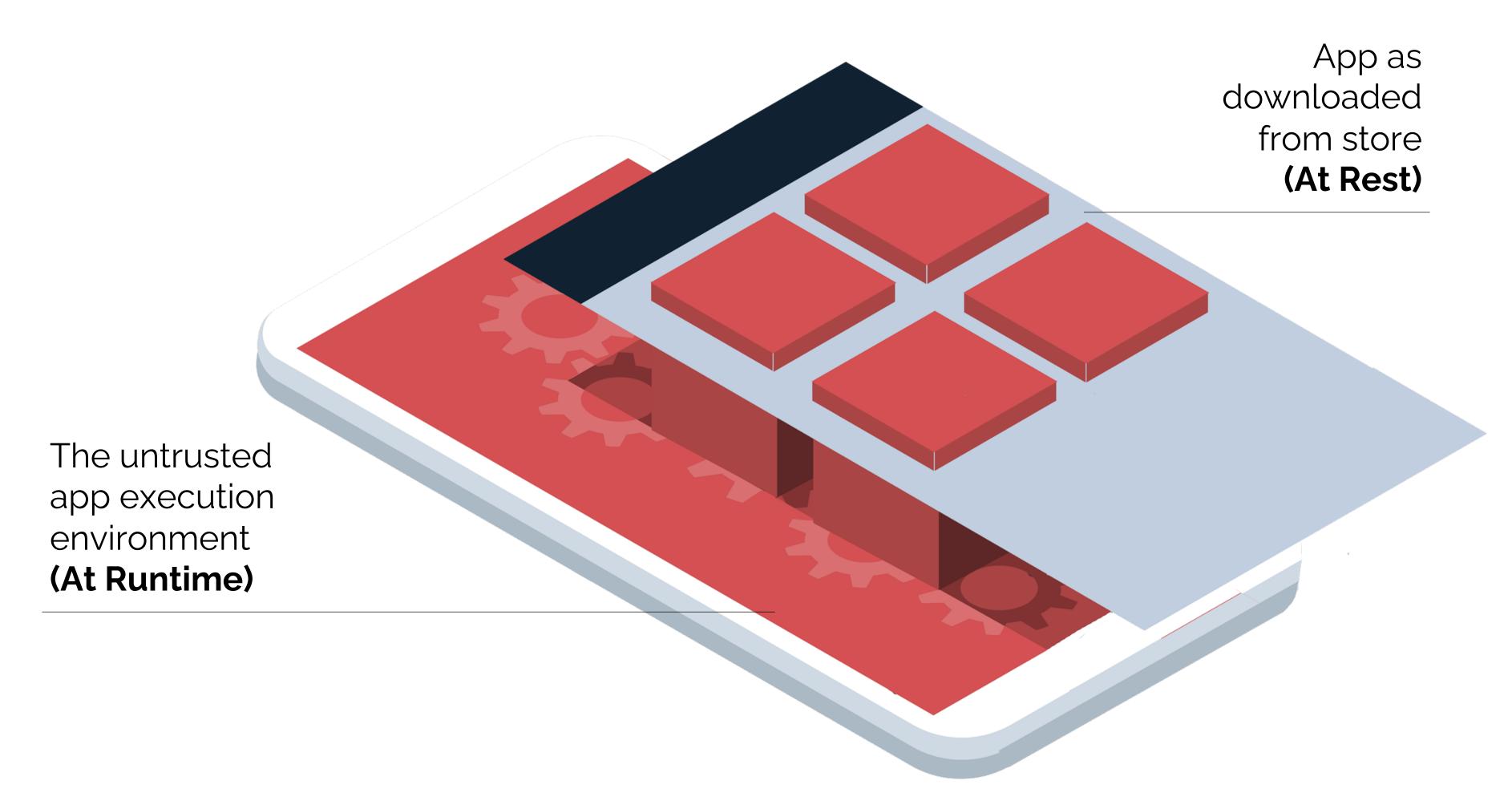
3. REACT

- Shut down app
- Block attacks
- Report attacks



AppShielding Solution Overview



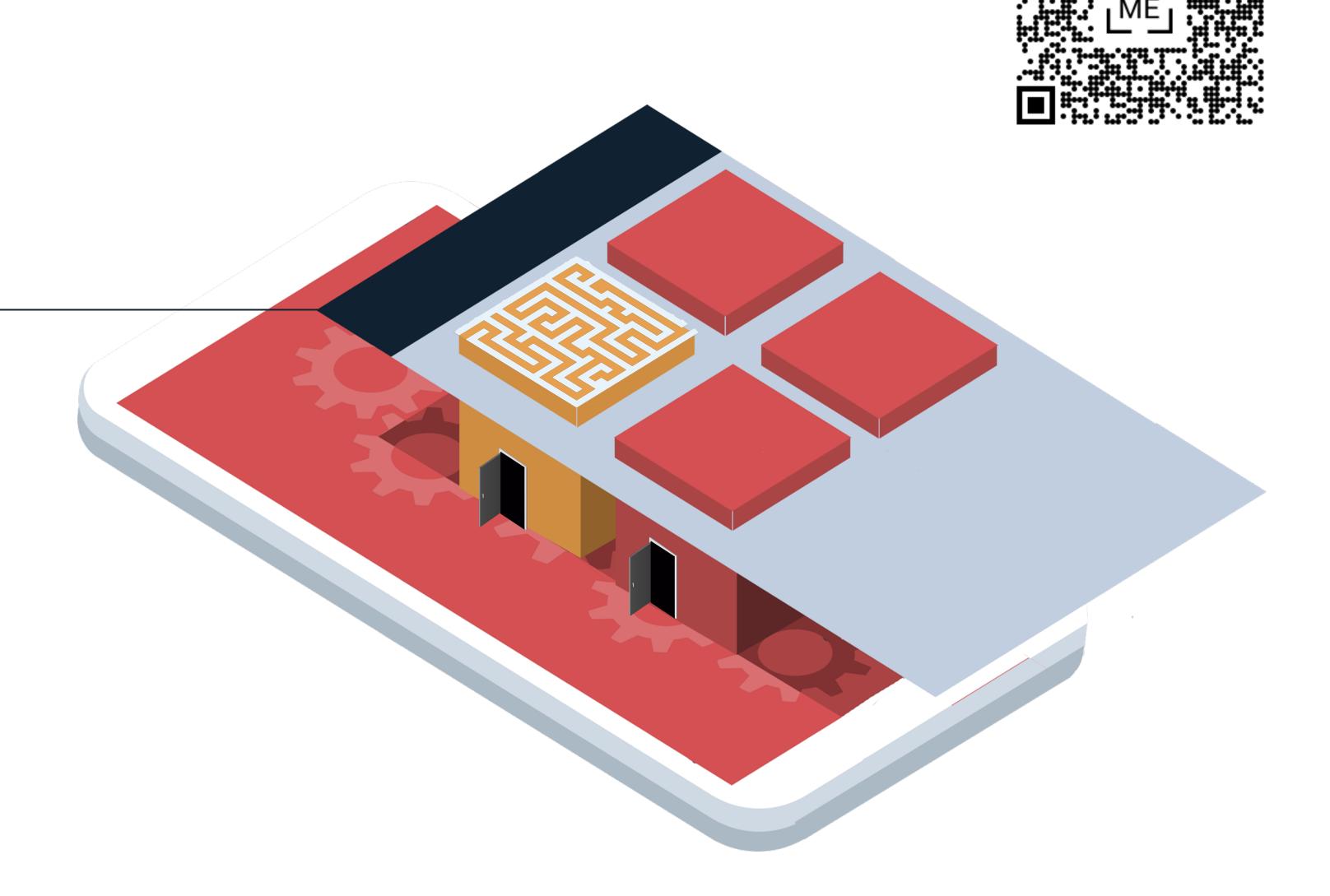




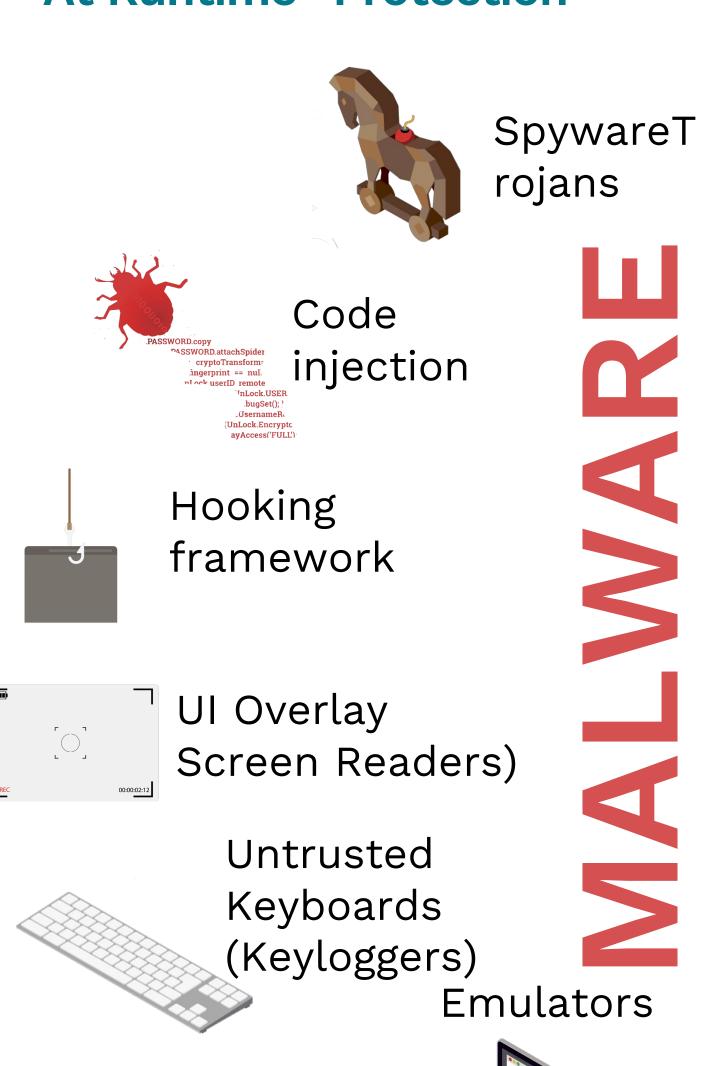
AppShielding "At Rest" Protection



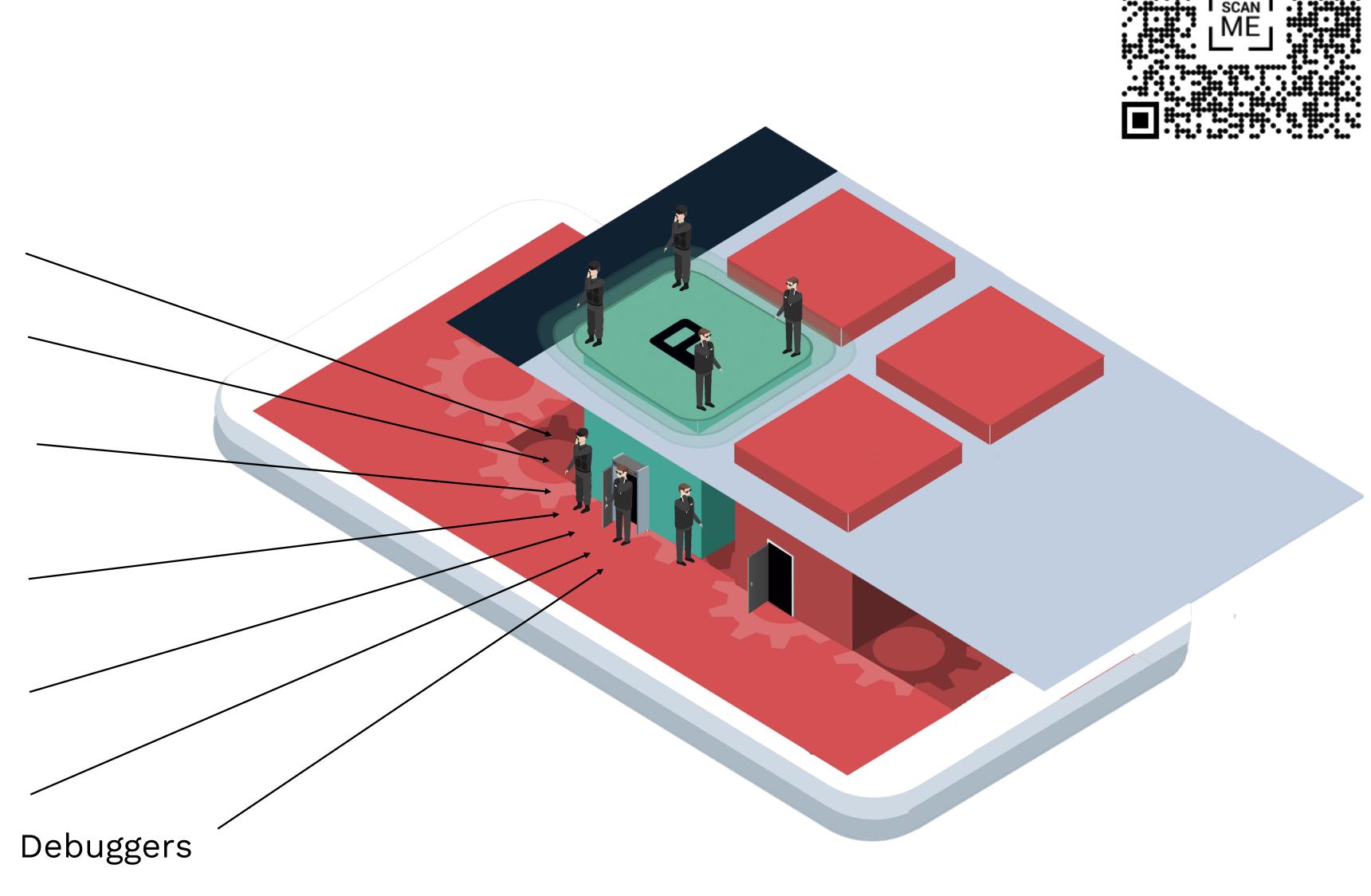
- Reverse engineering
- Repackaging



AppShielding "At Runtime" Protection



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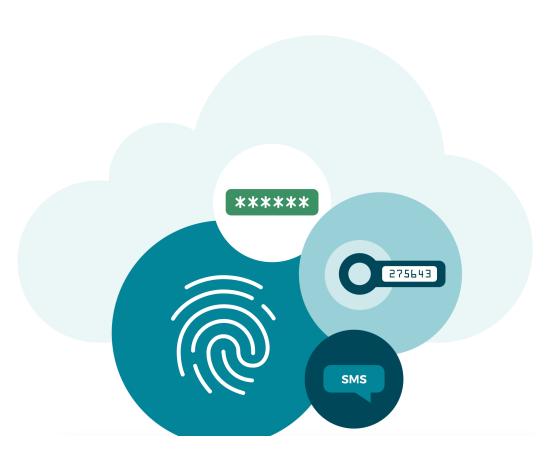
Multi-Factor Authentication

On-premise



OneSpan Authentication Server OAS

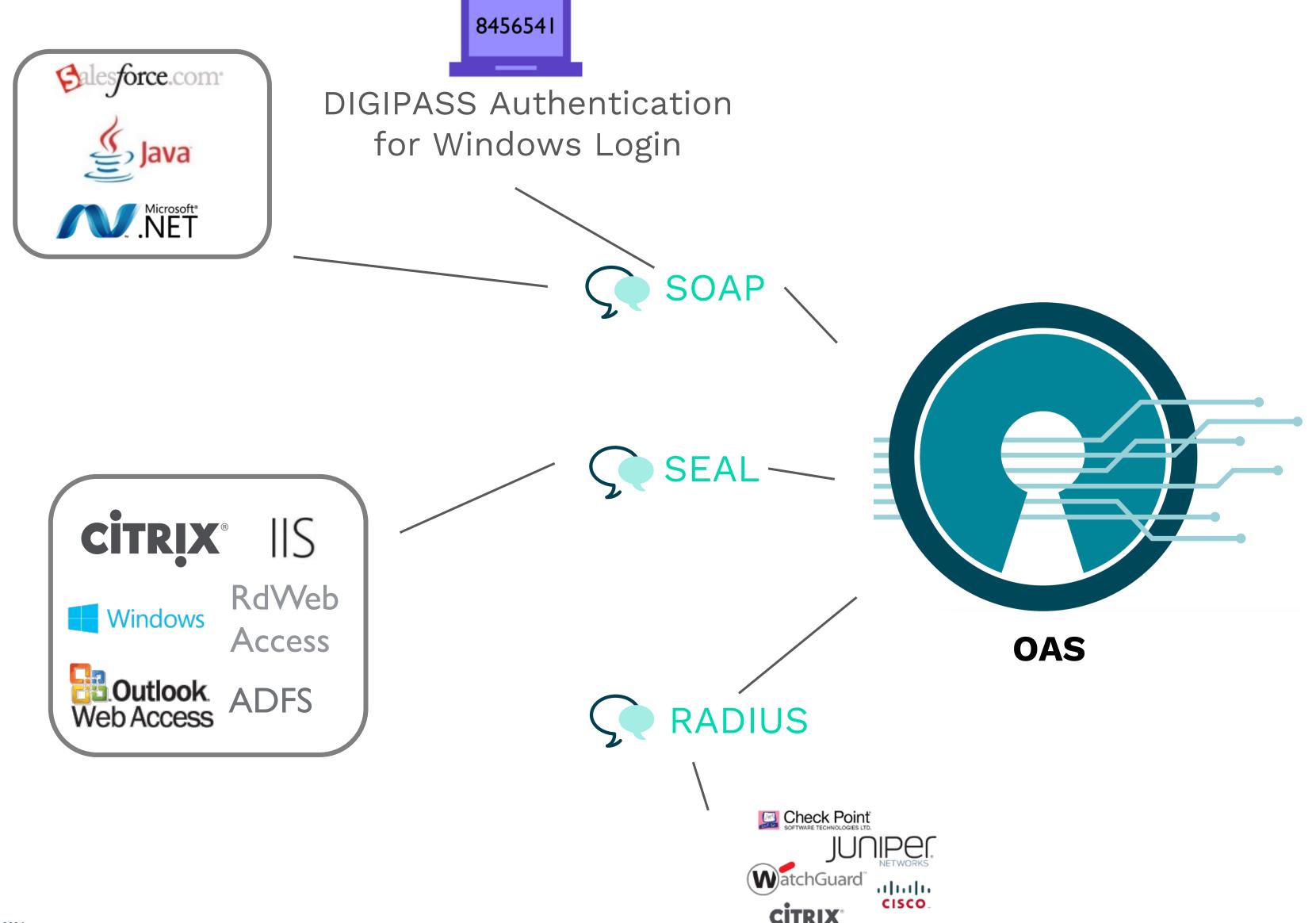
Cloud



OneSpan Cloud Authentication OCA

Multi-Factor Authentication

On-premise Deployment

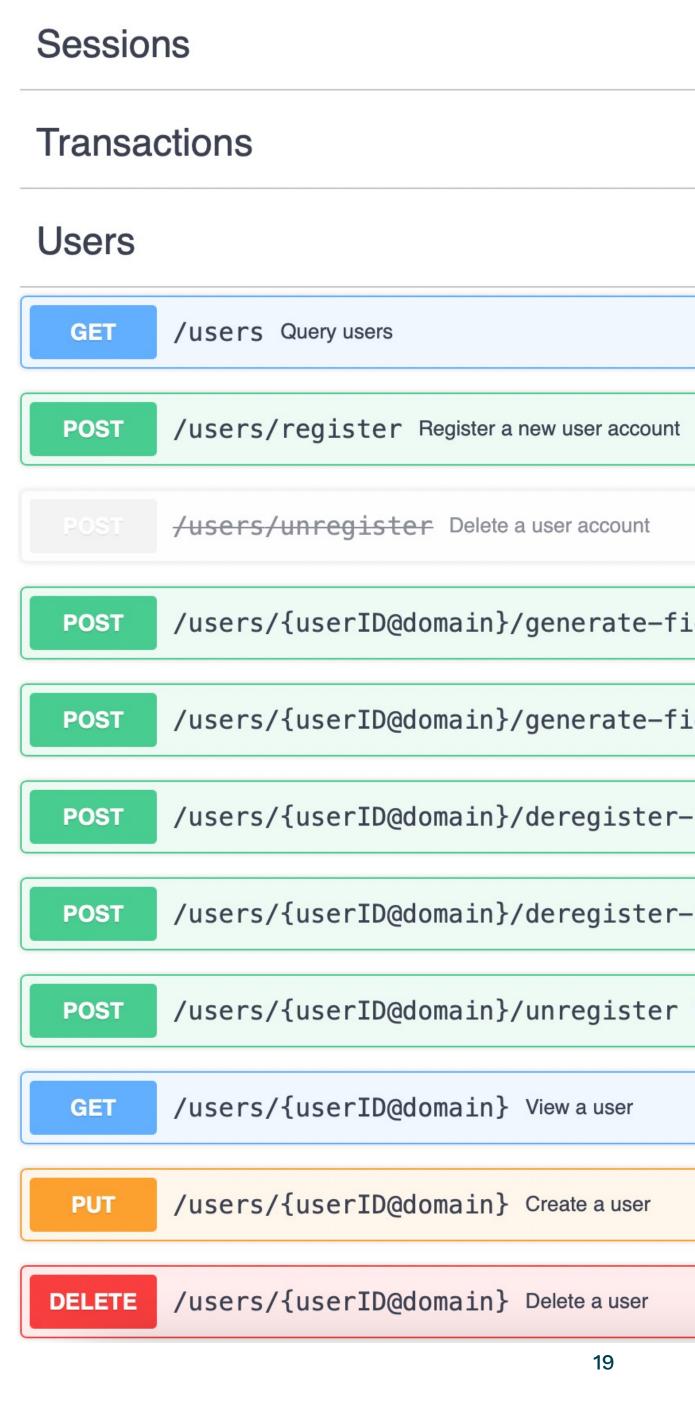


Multi-Factor Authentication Cloud Deployment

All actions performed via REST API (user registration, PUSH-notifications sending, OTP validation, etc.)

OpenAPI v3







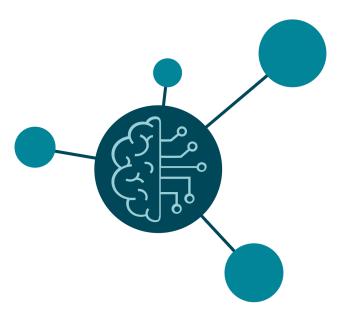
OneSpan Transaction Cloud Platform

Go Beyond Authentication





OneSpan Cloud Authentication OCA



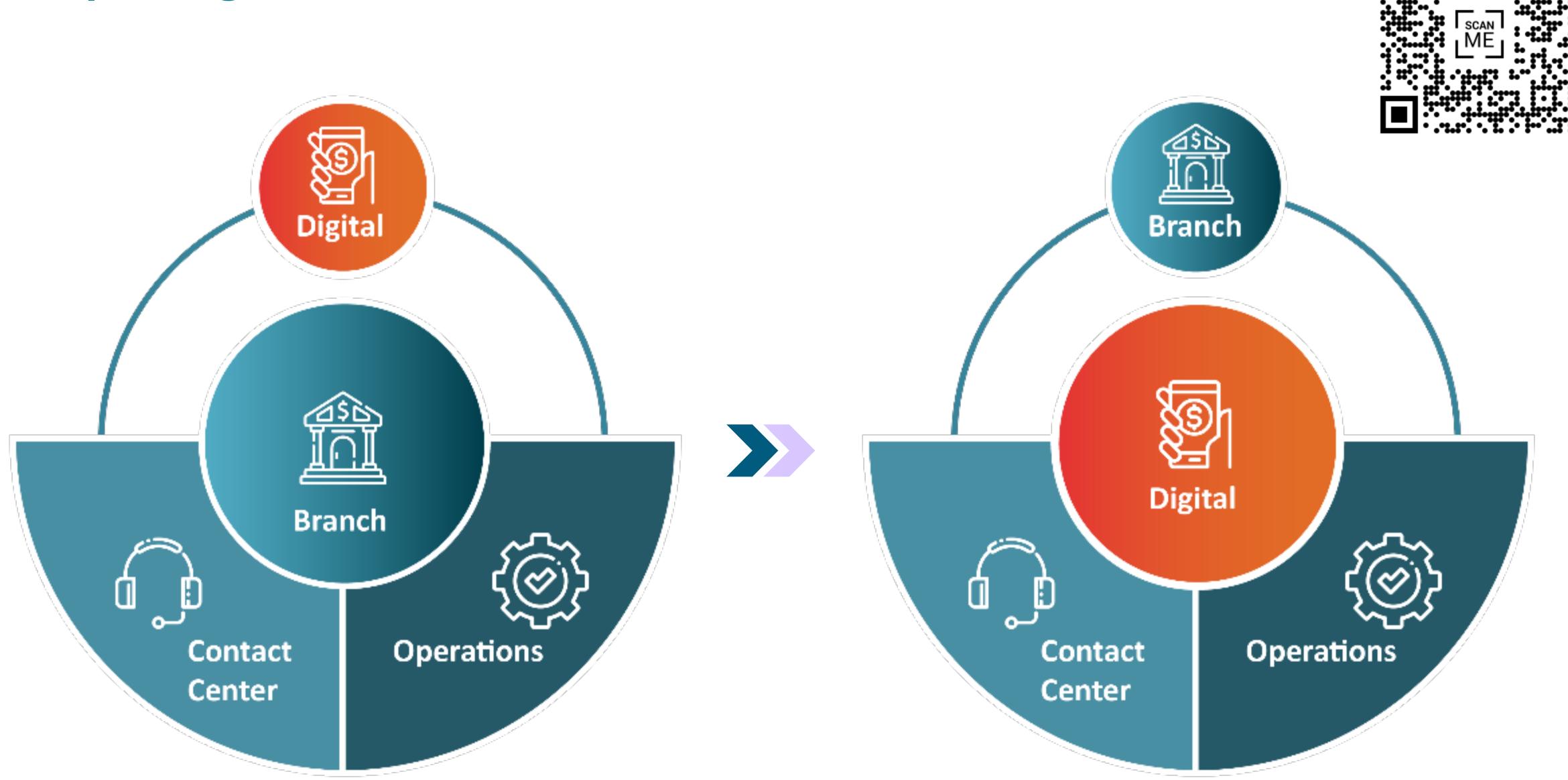
Intelligent Adaptive Authentication IAA



OneSpan
Sign
OSS



OneSpan Sign



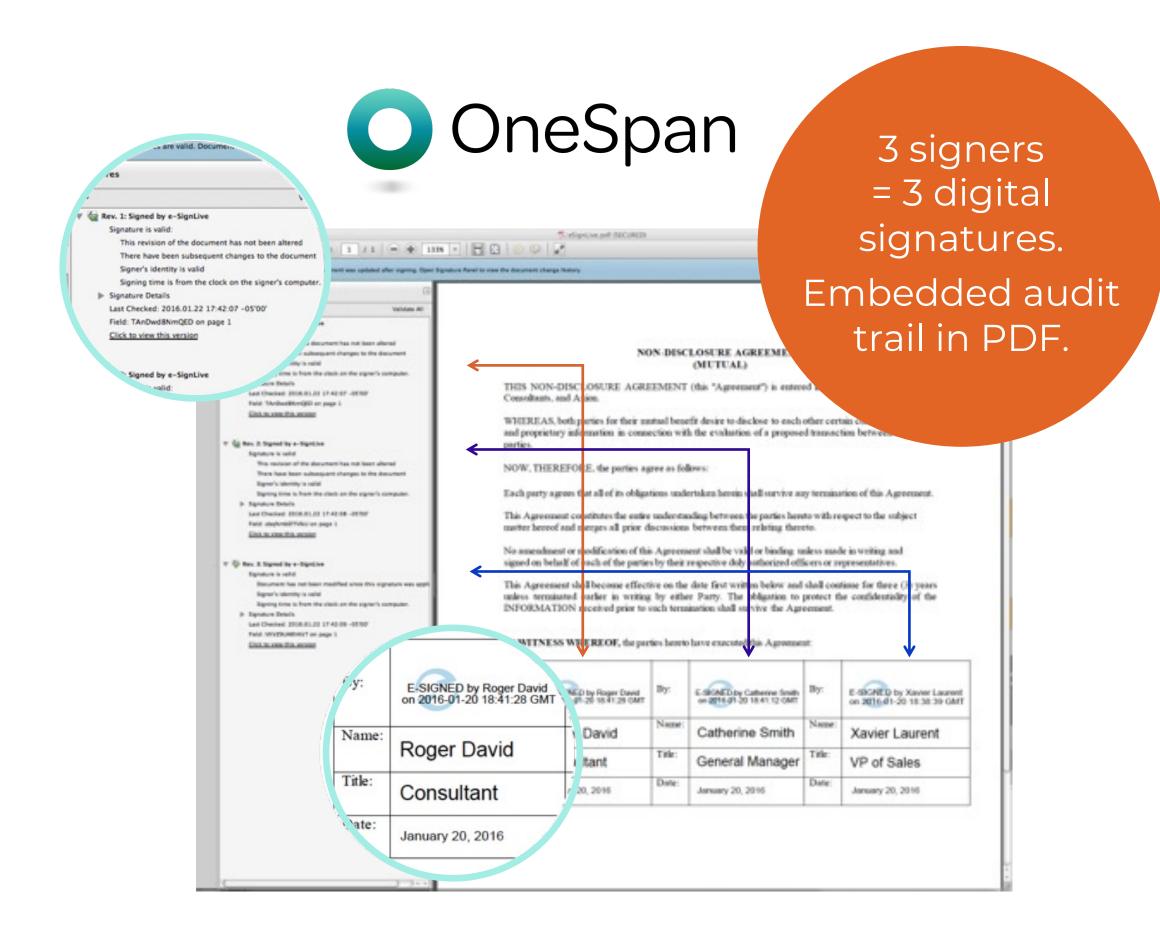




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OneSpan Sign Secure Digital Agreements







DIGITAL SIGNATURE

Encrypts each person's signature using digital signature technology



1-CLICK VERIFICATION

Permanently embeds the audit trail in the document for easy verification and storage



TAMPER EVIDENT

Visibly invalidates the document & signatures if changes are detected between signers



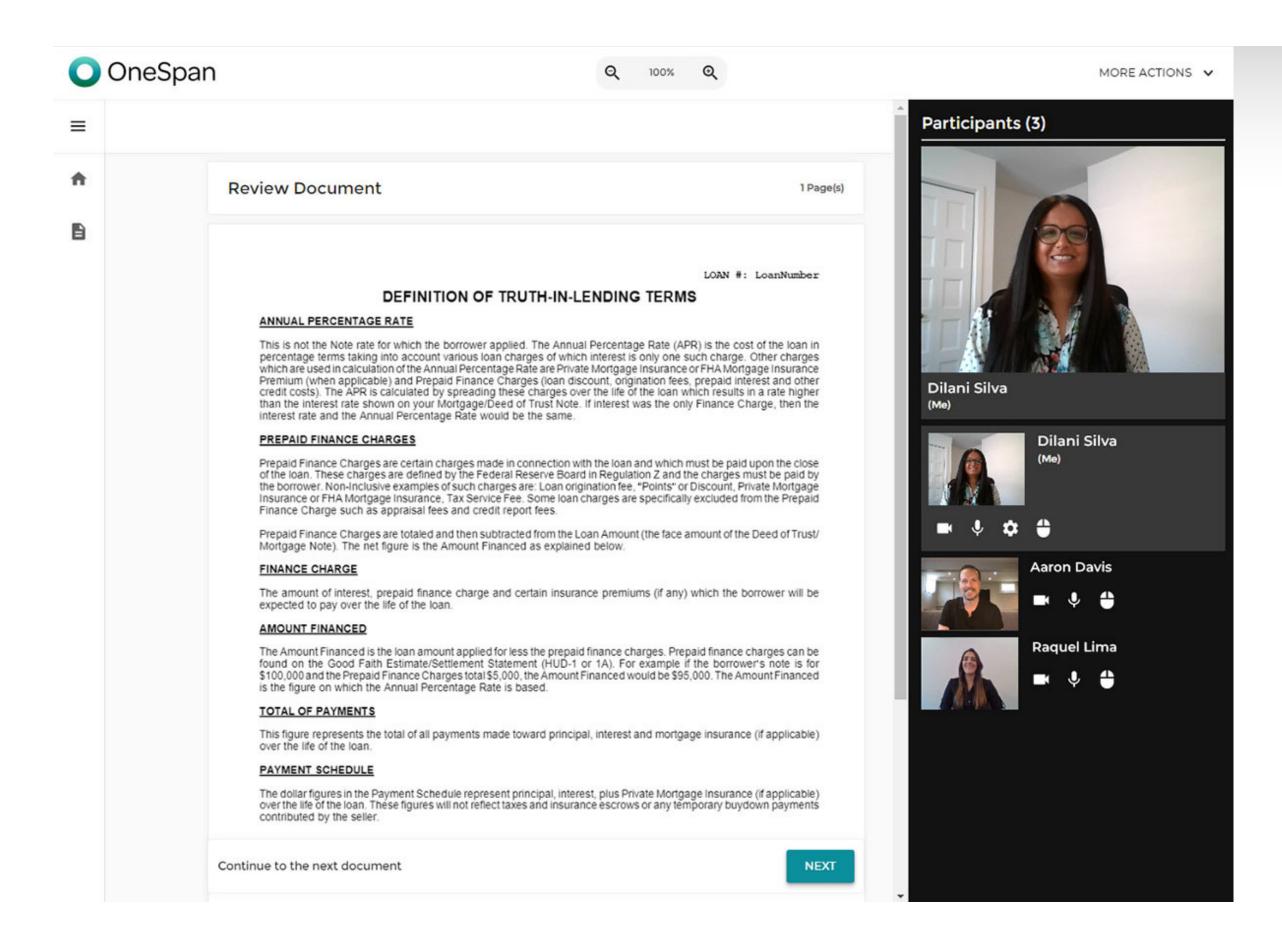
COMPREHENSIVE AUDIT TRAIL

A single, unified audit trail of the step-by-step identity verification, authentication, and esignature events in the transaction

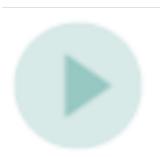


OneSpan Sign Virtual Room





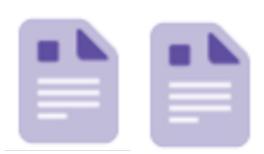
INTERACT, SIGN, & WITNESS in a secure, live videoconferencing session



Video conferencing & recording



Identity verification & authentication



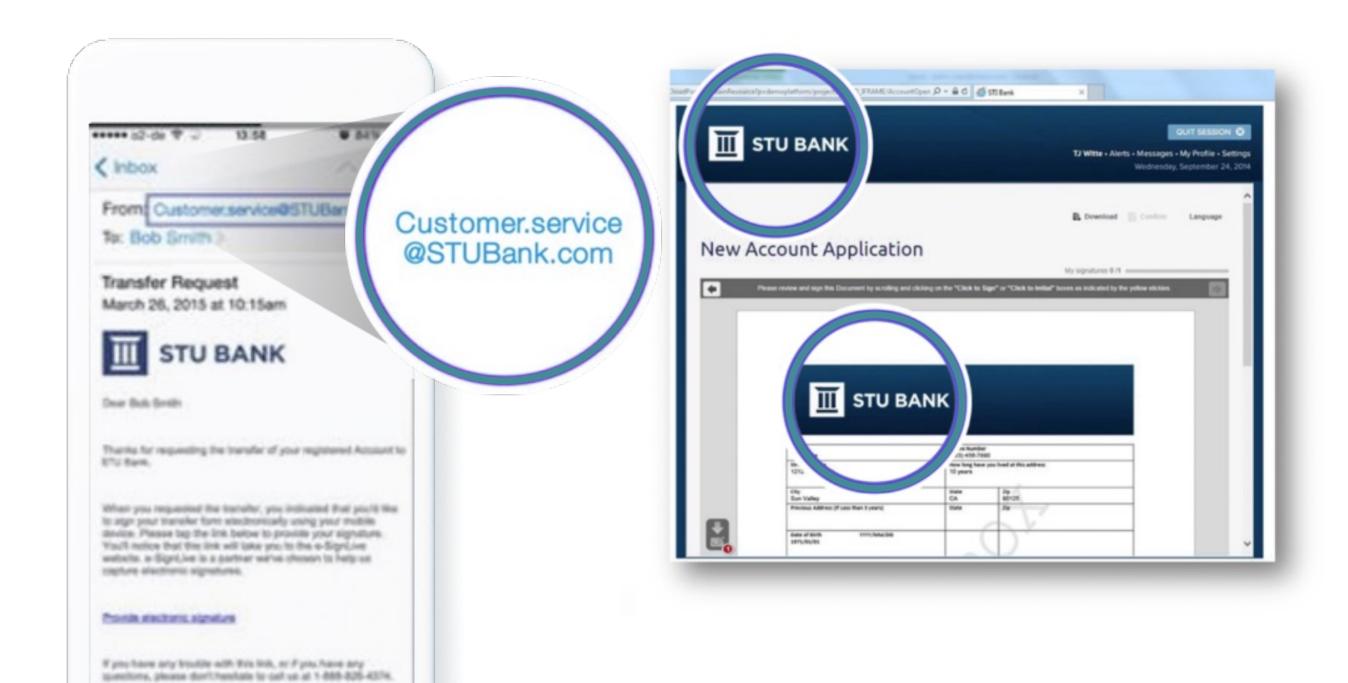
Co-browsing & guided workflows



E-signature

OneSpan Sign White-labeled Solution







INTERFACE

Customers only see your brand in all web & mobile interfaces



EMAILS

All notifications and emails sent using your own secure servers



YOUR BRAND

Ensures a seamless customer experience and builds trust



Thank You!