

Sample App Available
in Precise iOS Toolkit

PRECISE iOS TOOLKIT

SDK For Integrating Smart Card & Fingerprint Functionality Using TactivoTM

Two strong authentication options are now available for iOS apps. With the new TactivoTM smart case, iPhone apps can benefit from smart card and fingerprint functionality for strong authentication. The easy-to-use Precise iOS Toolkit enables app developers to integrate this functionality into virtually any app.

Utilizing Tactivo from Precise Biometrics, developers can add strong authentication to their existing iOS offerings or easily migrate existing smart card or biometric solutions to iOS devices.

Solutions can be developed for Tactivo to use smart cards, fingerprint matching, or both to verify card integrity and authenticity, verify cardholder identity, control access to applications or application data stored on the iPhone, or even control access to remote services such as messaging, websites, or others in the cloud. Developers can also combine these authentication methods with other iPhone features such as GPS.*

The Precise iOS Toolkit is designed to support the same development tools and framework as other iOS applications. It has an optimized API and, to jumpstart development, includes sample implementations for both smart card utilization and fingerprint enrollment and verification. The added

functionality can be directly integrated into other apps requiring minimal resource levels.

The Precise iOS Toolkit is available subject to a license agreement from Precise Biometrics at no cost to developers.

To request your free Precise iOS Toolkit, visit www.idApps.com.

The Precise iOS Toolkit is ideal for developers working in the U.S. government markets. Tactivo supports U.S. smart card credentials including PIV, PIV-I, CAC, and TWIC.

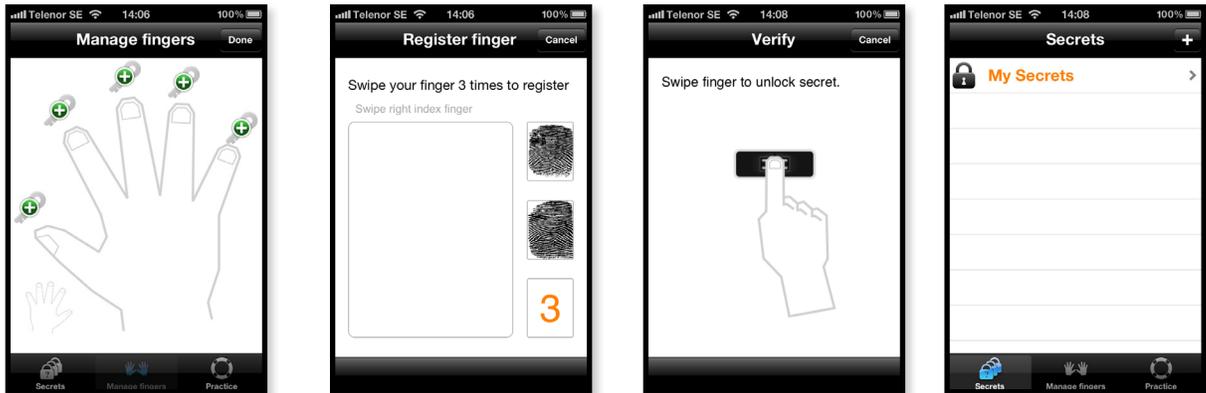
» To learn more about Tactivo

Visit www.precisebiometrics.com/Tactivo

» Find apps at the idApps Directory!

Visit www.idApps.com to access a growing list of Tactivo apps!

* subject to iOS restrictions



Sample App Available in Precise iOS Toolkit

Product Features

- » Toolkit to integrate Tactivo functionality in iPhone apps
- » Access smart card reader, fingerprint sensor, or both
- » Includes both traditional PC/SC and objective-C smart card APIs
- » Integration with other iPhone features (as permitted by the iOS framework)
- » Support for both Match-On-Device and Match-On-Card

The Toolkit includes

- » Sample smart card applications using both APIs
- » Reference implementations of fingerprint enrollment and verification
- » Documentation for developers
- » Source code for free sample apps available for developers at www.idApps.com

System Requirements

- » Mac OS X 10.6 or 10.7
- » Xcode version 4.3
- » iPhone 4S or iPhone 4; iOS 5.1 or greater

Tactivo Smart Card Reader

- » Supports ISO 7816-4, T=0 & T=1, Class A & B (5V and 3V)
- » Supports PIV, PIV-I, CAC and TWIC cards
- » Supports Precise Match-On-Card™

Tactivo Biometric Reader

- » Capacitive swipe sensor
- » Standardized template format, ISO/IEC 19794-2 CC/ANSI 378
- » Verification time (extraction + matching): < 0.5 second (1:1 matching on device)
- » Precise BioMatch™ J template format (Match-On-Card)

Related Products

- » Tactivo™