PRECISE
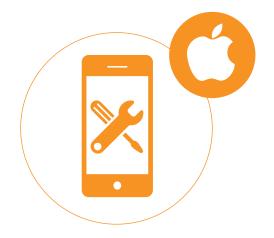# iOS TOOLKIT

SDK For Integrating Smart Card & Fingerprint Functionality Using Tactivo™

Two strong authentication options are now available for iOS apps. With the new Tactivo™ smart case and Tactivo mini, iPhone and iPad 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.

Tactivo Support

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

Smart Card and Fingerprint Authentication

Solutions can be develped 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 iPad, 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 and iPad features such as GPS.*

Easy-to-use API and Sample Code

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 resources.

* subject to iOS restrictions

The toolkit makes it possible to export raw images of a users fingerprint from Tactivo, which enables broader implementation of biometrics in organizations by making it possible to use fingerprint images for integration into virtually any solution.

No License Fee

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, send a mail to: partners@precisebiometrics.com or contact your local Precise Biometrics representative.

Government Compliance

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.

» Learn more about Tactivo

www.precisebiometrics.com/mobile-smart-card-readers

» Discover our Partner Ecosystem

www.precisebiometrics.com/technology-partners

www.precisebiometrics.com

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Product Features

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

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

System Requirements

» Mac OS X 10.8
» Xcode version 5.0
» iPhone 6s/6
» iPhone 5s/5, iPhone 4s/4
» iPad(4th generation), iPad (3rd generation), or iPad 2
» iPad Air, iPad mini
» Find supported iOS versions at
   www.precisebiometrics.com/supported-ios-versions

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
» Precise BioMatch™ J template format
   (Match-on-Card)
» Verification time (extraction + matching): < 0.5
   second (1:1 matching on device)

Related Products

» Tactivo for iPad Air/Air2
» Tactivo for iPad mini/mini 2/mini3
» Tactivo for iPad (4th generation)
» Tactivo for iPad (3rd generation)/iPad 2
» Tactivo for iPhone 6s/6
» Tactivo for iPhone 5s/5
» Tactivo for iPhone 4s/4
» Tactivo mini for iOS
» Tactivo mini for Android
» Precise Mobile Toolkit for Android
» Guardian Case for Tactivo for iPad Air/Air2
» Guardian Case for Tactivo for iPad mini/mini 2/mini3

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