

Mobile App Based Authentication



KEY BENEFITS

- Enables authentication in areas with limited or no mobile coverage
- Automated server set-up
- Manual OTC extraction
- PIN entry OTC extraction
- Available for iPhone, iPad, Blackberry, Google Android and MS Windows phone
- Free to download from Apps stores



Two-factor authentication has been synonymous with the requirement for costly user token devices. Today's advances in mobile device technology and widespread availability of high speed networks means that the argument for choosing a token-based solution is no longer sustainable. Swivel's award winning technology enables organisations to leverage employees' existing mobile device functionality to support two-factor authentication across the full range of remote access environments including VPNs, Web sites, Cloud, and real/virtual desktops.

The Swivel tokenless authentication platform works by sending security strings to you via your mobile network. You are presented with a security string in a different channel from where you enter your OTC and is required as part of your normal application login process for authentication to take place.

Mobile Applications

The Swivel Secure mobile app offers a convenient solution for end-users already using smart phones and tablets, allowing the safe delivery of our security strings directly from the Swivel server. With the option to store up to 99 security strings and no SMS costs to consider, users are able to operate in areas with limited or zero mobile phone coverage for extended time periods. Security strings can be topped up at any time when the device is back in range.

The Swivel mobile app provides IT managers with a range of configuration options to enable seamless deployment and ease of use.

Automated server set-up

This service enables a customer's specific mobile client configuration settings to be stored in a format that they can be downloaded to the mobile clients upon initial use, meaning the user does not need to enter specific settings. Manual entry of these settings is also supported.

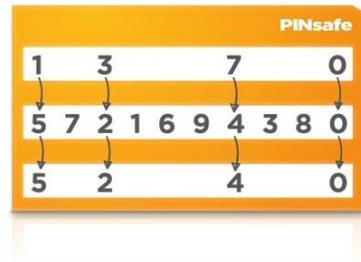


One-Time-Code

The Swivel mobile app can be configured to manual OTC extraction using Swivel's unique PINsafe extraction protocol or through device PIN entry. This code is then entered exactly as received as part of your login process.

PINsafe

A key and unique feature, of our authentication platform is our patented OTC extraction protocol PINsafe. PINsafe combines the use of registered PINs with random 10 digit security strings,



you then combine these in your head to work out your unique OTC, putting you at the heart of the strong multi-factor authentication process. Utilising the PINsafe protocol provides users with additional level of security, should a phone be lost or stolen.

Manual OTC Extraction

The mobile app presents you with a 10 digit security string, using the PINsafe protocol, you combine these in your head to extract your OTC, which is then used in the application login to complete the authentication process.

Device PIN Entry for OTC Extraction

The mobile app can be configured to enable the device to extract the OTC automatically. When this is enabled the user will be prompted for their PIN every time they require a new OTC; the device then presents the user with a OTC.

Swivel supports all the major mobile OS platforms including Apple, Android, BlackBerry and Windows, enabling users to install the free Swivel mobile client onto any smart phone or tablet.

Technical Specs

Platform	Specifications
Apple iPhone, iPad	Available from iTunes; search for Swivel. PINsafe 1.2 for platform Versions 3.8 and later. PINsafe iClient for earlier versions. Compatible with iOS 3 and later. Approx. size: 0.5Mb
RIM BlackBerry	Available from BlackBerry App World.
Google Android	Available from Google Play; search for Swivel. Compatible with Android 2.1 and later. Approx. size: 154K
MS Windows Mobile	Available from Windows Marketplace; search for Swivel. Requires Windows Phone 7 or higher. Approx. size: 1Mb