PINsafe User Guide

Contents

- 1 The PIN
- 2 The Security String
- 3 The Security String as a Graphical Image
- 4 The Security String as a Mobile Phone Message
- 5 The Security String as a Mobile Phone App
- 6 Too complicated for you?

The PIN

Each user is issued with a PIN number, like an ATM PIN number, however the difference is that **THE PIN NUMBER IS NEVER TYPED IN**

The Security String

Each user is sent a security string. Using the PIN as a positional indicator, a code for authentication is found.

This is similar to systems who ask for example, the 2nd and 6th digits of a password.

```
Example 1:

If my PIN is 1234 and my Security String is 7 4 6 9 8 3 2 1 6 0

My login code is 7469

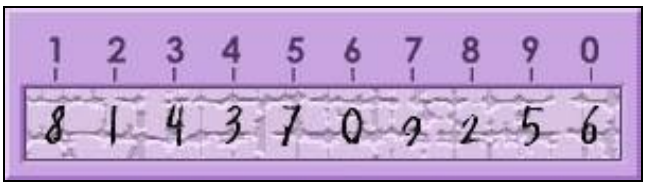

Example 2: (we can also use letters)

If my PIN is 9371 and my Security String is H R Q B F S Z A M T

My login code is MQZH
```

The Security String as a Graphical Image

We can display the security string as an image in a login page as below. The first line 1-10 makes working out the login code simpler. You enter your username and either automatically get an image or click on a button to get the image:



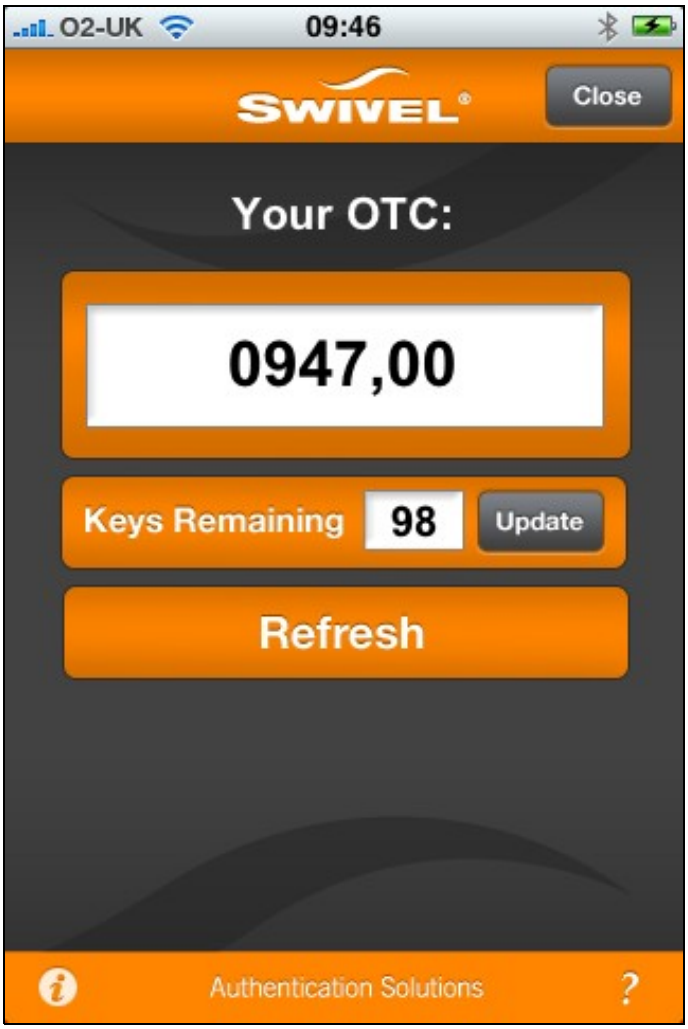
The Security String as a Mobile Phone Message

The security string can be sent by text message to a mobile phone.

```
1 2 3 4 5 6 7 8 9 0
0 4 9 2 7 1 8 3 6 5
```

The Security String as a Mobile Phone App

The security string can also be generated on a mobile phone:



Too complicated for you?

We can just send you a password or passcode to a mobile phone to use at login, its not as secure though, and you cannot use the graphical image:

836494