



Our award winning authentication solution protects access to all of your data whether on-premise or in the Cloud. Our modern authentication factors leverage existing phones to help us, to help you, solve even more business challenges relating to the security of, and access to, your data. Create an extra level of security with PINsafe; our encrypted OTC SMS message delivery, only available with Swivel Secure solutions.

## PINsafe

AuthControl Sentry takes authentication beyond a simple OTC challenge, and uses intelligent authentication to decide if and how a user should be authenticated.

To further secure the authentication process, and to uniquely provide an additional level of security beyond what any other authentication vendor can offer, Swivel developed and patented the PINsafe protocol.

PINsafe combines the use of a PIN, with random 10-digit security strings, to create unique OTCs. The protocol works by sending a 10-digit alphanumeric string to a user by SMS, Mobile app, email or the TURing image.

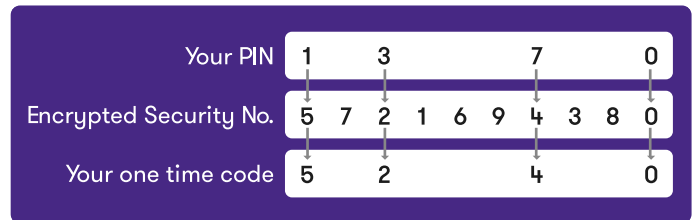
## TURing

The TURing image is a single image used to represent the security string. The TURing image uses placeholders to help the user extract their one-time code: the user combines their PIN in their head with the security string and enters their OTC within the login screen.

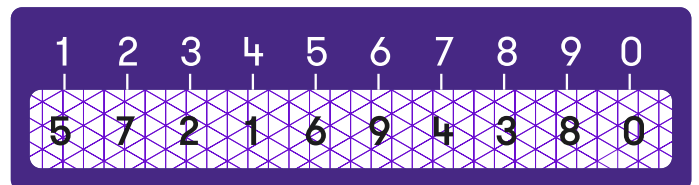
Since the PIN is never entered as part of the login process, the user's PIN is always safe, and puts the user at the heart of the authentication challenge.

## PINpad

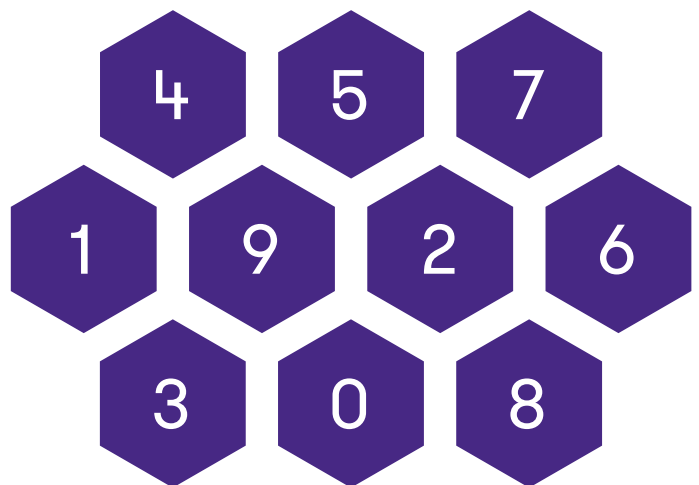
PINpad provides an alternative option. Users can simply click on the images representing their PIN. Each number on the PINpad has a second hidden number; this is then transmitted as the OTC.



PINsafe



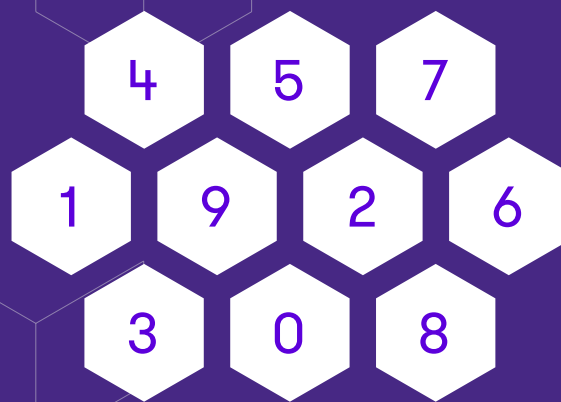
TURing



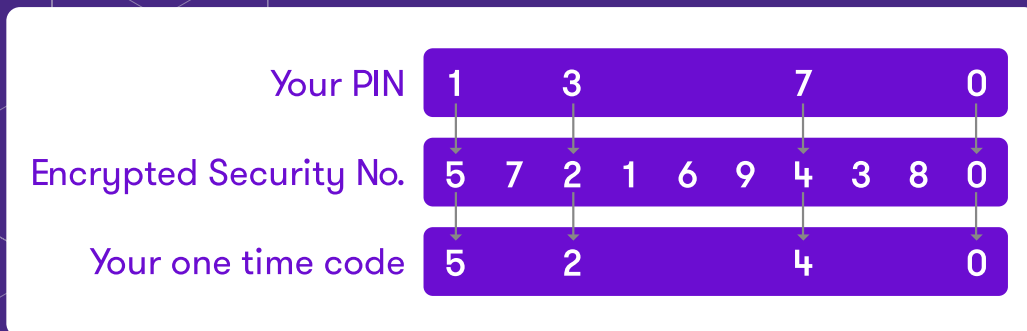
PINpad

Swivel Secure is a pioneering network security solutions provider. Our authentication platform is recognised as a leading standard in authentication technology and is the solution of choice for prominent global organisations.

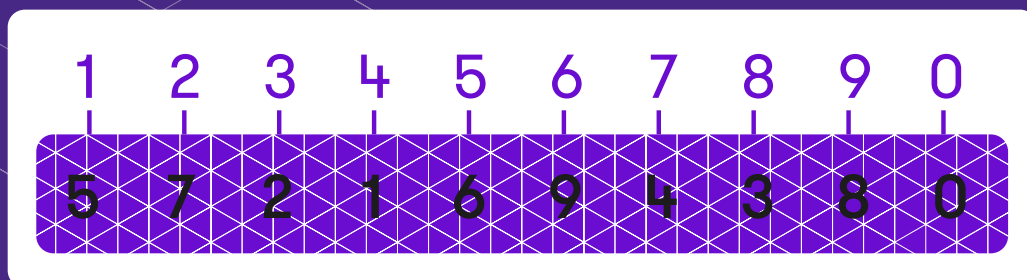
Offering a wide range of authentication options, the Swivel Secure platform delivers two-factor authentication via Mobile Apps, SMS, OATH Tokens, Telephony and Strong authentication through integrated in-browser imagery.



PINpad



PINsafe



TURing