

Authentication Methods

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Overview

Swivel provides a variety of Authentication methods and Authentication Protocols to verify a users identity.

One Time Code passwords and Passcodes

Swivel can provide a One time Code for user authentication in the following ways;

Two Factor Authentication One Time Code Solutions

[SMS](#)

[Mobile Phone Client](#)

hardware [Token](#)

Single Factor One Time Code solutions

Stronger than a username and password, sometimes termed 1.5 factor, this adds a One Time Code to the authentication.

[TURing](#)

[Pinpad](#)

PIN protection

As well as One Time Codes, Swivel can protect the delivery of a One Time Code using PIN protection, see [PINsafe User Guide](#).

Authentication Protocols

Swivel supports the following Authentication protocols

[RADIUS](#)

[SAML](#)

[Agent-XML](#) an API for authentication