SecurEnvoy MAC Soft Token

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SecurEnvoy MAC Soft Token

Installation and Admin Guide v8.1

The SecurEnvoy Security server is the main central component of the SecurEnvoy suite of products. It has direct integration into a LDAP directory server (Microsoft Active Directory, Novell e-Dir, Sun Directory Server and Linux Open LDAP Directory Server) for user information, controls and manages the authentication of SMS passcodes and the subsequent sending of them.
This must be installed for SecurAccess, SecurPassword SecurICE and SecurMail.

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Foreword

SecurEnvoy is the trusted global leader of tokenless two-factor authentication. As the pioneers of mobile phone based tokenless authentication; SecurEnvoy lead the way with ground breaking solutions that others aspire too.
Our innovative approach to the tokenless market now sees thousands of users benefitting from our solutions all over the world. With users deployed across five continents, our customers benefit from significant reduced time to deploy and a zero footprint approach means there is no remote software deployment and administrators enjoy the management tools allowing them to rapidly deploy up to 100,000 users per hour.
Our design philosophy is based on re-using existing customer technology investments such as Microsoft Active Directory, simplifying the end user authentication experience while enhancing the overall security.
With no token manufacturing costs the return on investment (ROI) is so much more acceptable to businesses and organizations, and environmentally the green benefits of a zero carbon footprint also attract environmentally responsible purchasers. We are truly now providing solutions that have zero impact on our environment.
SecurEnvoy distribute through the channel, providing customers the value added benefits of working with local partners. We have now built up a technical and sales infrastructure that supports most languages and cultures around the world.
The business was officially incorporated in 2003 after preliminary, coding and testing in our labs. Years on we now have happy customers across the five continents and regional support. Business levels have more than doubled year on year due to our subscription sales model that is an acceptable route that allows our clients to budget more effectively. This model includes local support and annual subscriptions.
Founded by Andrew Kemshall and Stephen Watts, the two founders work relentlessly to achieve business growth worldwide. This massive growth has been possible through the quality of people and the experience within the company both from sales and technical expansion.
SecurEnvoy continues to shape the way millions of people plan their authentication requirements and purchasing decisions.

Contents

1.0 Overview of Installation Files 6
1.1 SecurEnvoy MAC Soft Token 6
2.0 SecurEnvoy MAC Soft Token Install & Configuration 6
2.1 Agent Functionality 6
2.2 Installing and Configuring the SecurEnvoy MAC Soft Token 7
3.0 User Experience 8
3.1 User Configuration 9
4.0 Appendix 10

1.0 Overview of Installation Files

This agent is required if you are installing SecurAccess and you require a soft token to be installed upon a personal computer (MAC).

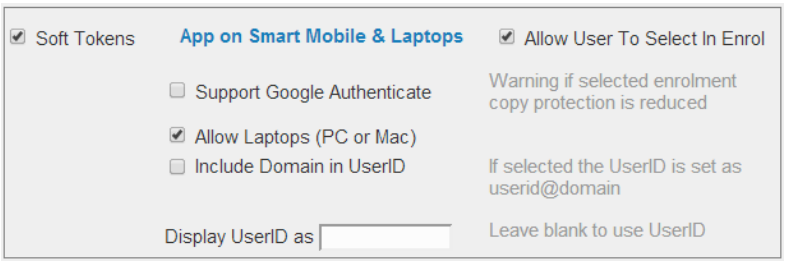
A setup and MSI file are included to cater for standalone and Group Policy installation. This agent utilises the HTTP(S) protocol to communicate from the SecurEnvoy MAC Soft Token to the SecurEnvoy SecurAccess server.

1.1 SecurEnvoy MAC Soft Token

Supported MAC Versions: MAC OSX 10.6 (Snow Leopard) and above

2.0 SecurEnvoy MAC Soft Token Install & Configuration

To facilitate the use of MAC Soft tokens, please make sure that this setting is enabled in the SecurEnvoy Administration GUI:
Navigate to Config – Soft Token



2.1 Agent Functionality

The SecurEnvoy MAC Soft Token allows users to generate a One Time Passcode (OTP) directly upon their personal computer. The passcode is valid for 30 seconds, then a new passcode is generated and displayed for the next 30 seconds and so on.

The SecurEnvoy MAC Soft Token has the following functionality:

1. All users are first enabled and deployed, the user can then enrol directly with the SecurEnvoy MAC Soft Token and have the seed (Token algorithm) deployed directly to the MAC Soft Token. This will be with the HTTP protocol; both HTTP and HTTPS are supported.

2. Users have the ability to add multiple MAC Soft Tokens, so can have one for a Portal logon and one for a corporate VPN logon. Users can also re-enrol to obtain a new seed if required.

3. The MAC Soft Token resides within the MAC Systray, mouse clicking upon the SecurEnvoy icon can invoke this and also a right mouse click will allow more menu options.

4. The MAC Soft Token can be installed either as a single standalone installation or via a Microsoft Group Policy installation. A sesofttoken.ini file allows configuration parameters to be detailed so there is no user interaction at time of installation.

2.2 Installing and Configuring the SecurEnvoy MAC Soft Token

For MAC OSX deployments

Pre-requisites:

Http(s) connectivity must exist from each MAC or server and the SecurEnvoy Security server for enrolment.

To install the SecurEnvoy MAC Soft Token run double click MacSoftToken.zip.
This will extract "SecurEnvoy Mac Soft Token.app" in the same folder.

- Right click "SecurEnvoy Mac Soft Token.app" and select "Show Package Contents".
- Double click "Sesofttoken.ini" to make changes to the configuration.
  (An Administrator prior to deployment would complete this).
  The two main settings are ones "EnrolUrl"= and "AllowHTTP"=
  Point the EnrolURL to your SecurEnvoy Security server URL. Save settings.

Now that the App has been configured, in "Finder" locate the SecurEnvoy MAC Soft Token folder, and drag "SecurEnvoy Mac Soft Token.app" to the "Applications" folder.

- Go to /Applications and run it. It should prompt if you want to add it to "Login items" (Which is the MAC term for programs that run automatically at start up)

After the Installation is complete, you can directly edit the sesofttoken.ini file, the output is shown below:

```
[Settings]
# Full URL to SecurEnvoy server /secenrol
# eg https://example.com/secenrol
EnrolURL=

# Allow HTTP connection to SecurEnvoy server
AllowHTTP=False

# Language resources

# Enrolment authentication prompts      Strings: This allows configuration and customisation of all
                                        user prompts.
StrUsername=Username
StrPassword=Password
StrPasscode=Passcode
```

Note

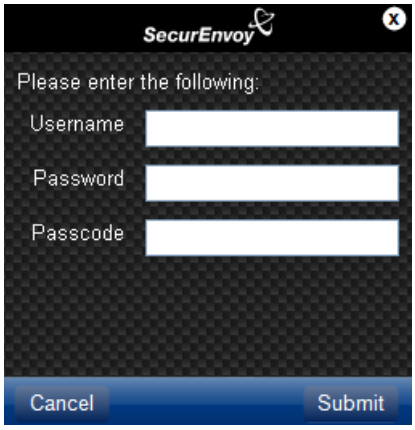
The enrolment page can be set for the SecurEnvoy Security server, SecurEnvoy recommend that HTTPS be used. E.g. https://machine_name/secnrol
However HTTP is supported if the network is trusted, but the "AllowHTTP" setting must then be set to "True".

3.0 User Experience

The SecurEnvoy MAC Soft Token can be accessed from the "Systray", by either just mouse clicking upon the icon or using a right mouse click and selecting "Open".



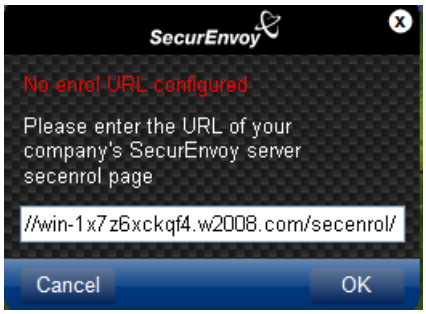
The user can then select "Add", the following screen will appear:



The user can then enrol to the SecurEnvoy Security Server to allow the "seed" record to be automatically downloaded to the MAC Soft Token.

The user will authenticate with their existing Microsoft Active Directory UserID and domain password, plus the passcode that was sent to the user either by SMS or Email.

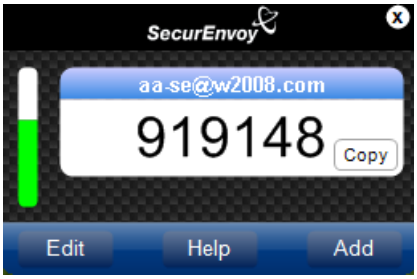
Click Submit to complete the enrolment process.



If the user sees the following screen, it will occur due to the sesofttoken.ini file not having a SecurEnvoy Security Server declared.

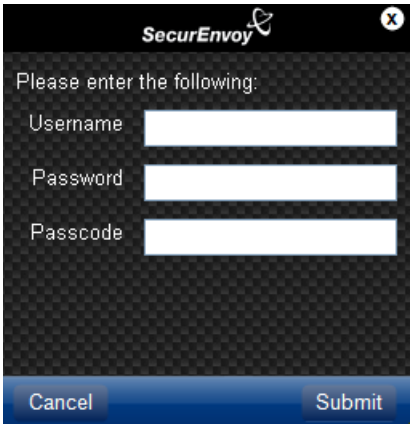
In this case, the user will have to enter the correct URL and then click "OK". E.g. https://server.mydomain.com/secenrol

Once the enrolment process is complete, all the user has to do is to open the MAC Soft Token by either clicking upon the SecurEnvoy icon in the "Apple menu" bar.

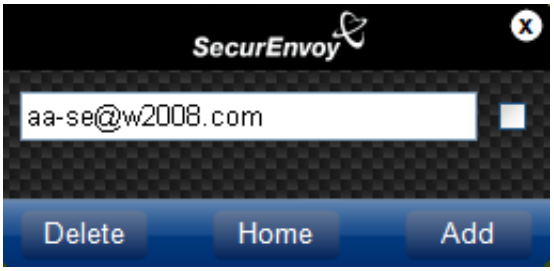


The user will then see the following screen. To help with a logon process, the user can copy the "Live" displayed code.

3.1 User Configuration



After the MAC Soft Token has been launched, the user can then add additional "MAC Soft Tokens" selecting the "add" button.



Also the user can select "Edit" from the relevant soft token.

The following tasks can be selected:

Delete	This will delete the selected MAC Soft Token.
Home	This will revert to the home screen and show the MAC Soft Token displaying a passcode(s).
Add	This will enable the MAC Soft Token to enrol for a new Soft Token.

4.0 Appendix