

SecurEnvoy Cloud Connector Agent Deployment Guide

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Prerequisites

SecurEnvoy Connector Agent Minimum System Requirements:

- Windows Server 2016 with;
 - Minimum of 1x vCPU
 - Minimum of 4GB RAM

Part I: Admin Portal Enrolment

1. In order to login to the SecurEnvoy Cloud Admin portal you will need your one-time Administrator username and password, which will be provided to you via email from your SecurEnvoy Account Manager/Representative [Figure 1].

SecurEnvoy Cloud Administration



Welcome to the SecurEnvoy Cloud Multi-Factor Authentication Service.

Your SecurEnvoy Cloud admin portal address is: <https://your-company.securenvoy.cloud/secadmin>

Your administrator account details for the admin portal are as follows:

Username: jsmith@admin.securenvoy.cloud

Password: *****

You will shortly receive a one-time 6 digit passcode via email to allow you to complete the login process.

Figure 1 SecurEnvoy Cloud Administration Email

2. Navigate to the URL provided in the SecurEnvoy Cloud Administration email and enter the administrator username, then click 'Login' [Figure 2].

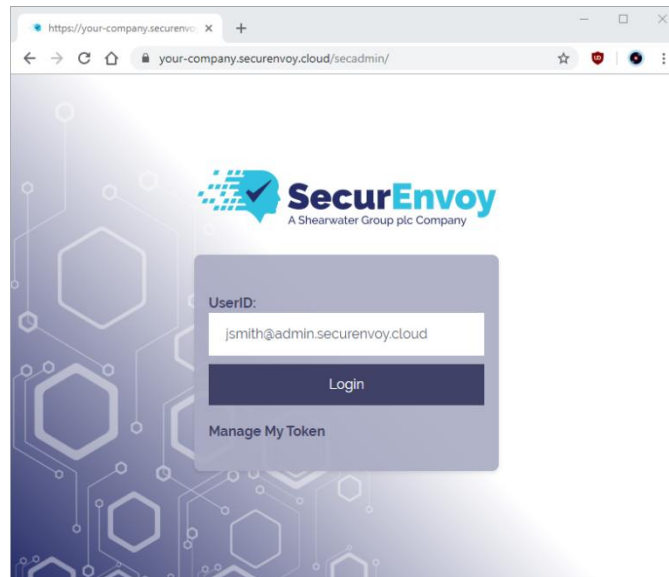


Figure 2 SecurEnvoy Cloud Secadmin Web Portal – UserID

3. Enter the 20-character password provided in the SecurEnvoy Cloud Administration email and click 'Login' [Figure 3].

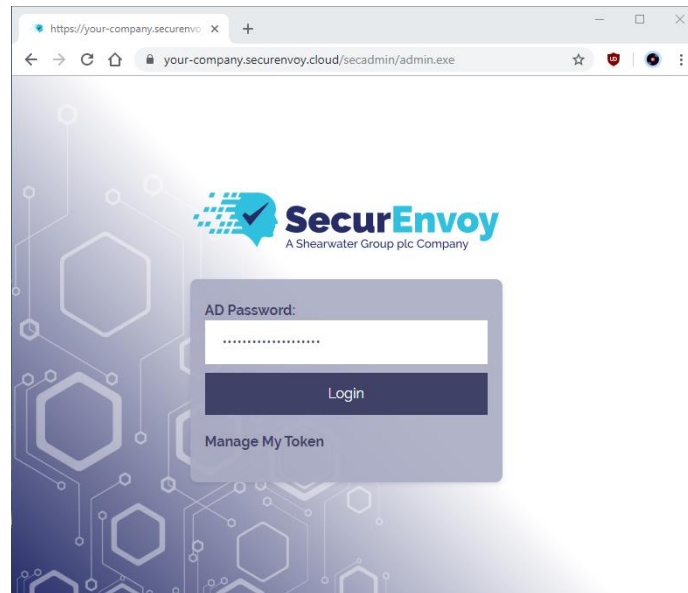


Figure 3 SecurEnvoy Cloud SecAdmin Web Portal – AD Password

4. If the correct username and password have been entered previously, you will receive an email from with your 6-digit Two Factor Authentication Passcode from SecurEnvoy.
 - Copy and paste the 6-digit code into the field and click 'Login' [Figure 4].

Two Factor Authentication Passcode



no-reply@securenvoy.cloud

To



This message was sent with High importance.

269495 default Passcode

Powered by SecurEnvoy

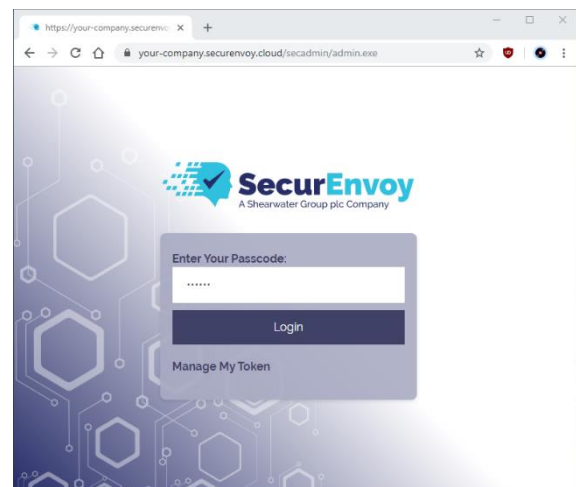
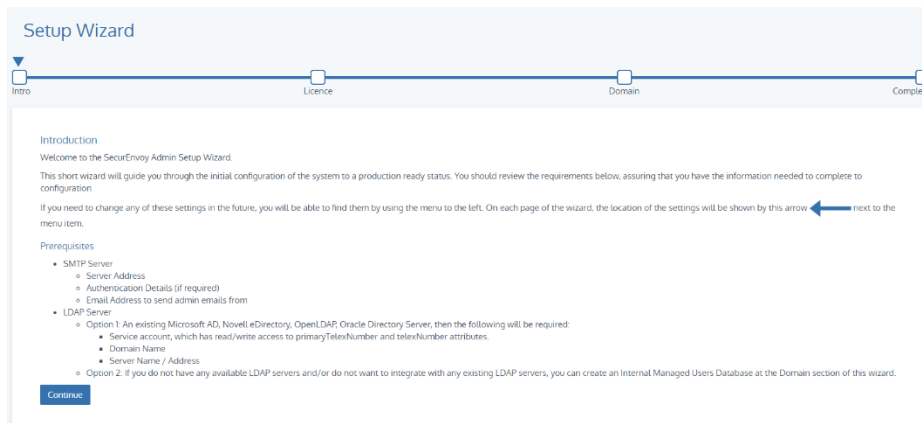


Figure 4 SecurEnvoy Cloud Secadmin Web Portal Enrolment – Two Factor Authentication Passcode

5. You will now be presented with the SecurEnvoy Cloud Setup Wizard [Figure 5].


- To complete this process you will need:
 - i. SecurEnvoy Cloud Licence Key
 - Provided to you by your SecurEnvoy Account Manager/Rep
 - ii. LDAP Domain Name
 - Administrator or Service Account credentials for the above domain
- Click 'Continue'.



The screenshot shows the 'Setup Wizard' window. At the top, a progress bar has four steps: 'Intro' (selected with a dropdown arrow), 'Licence', 'Domain', and 'Complete'. The main content area is titled 'Introduction' and contains the following text:

Welcome to the SecurEnvoy Admin Setup Wizard.

This short wizard will guide you through the initial configuration of the system to a production ready status. You should review the requirements below, assuring that you have the information needed to complete to configuration.


If you need to change any of these settings in the future, you will be able to find them by using the menu to the left. On each page of the wizard, the location of the settings will be shown by this arrow  next to the menu item.

Prerequisites

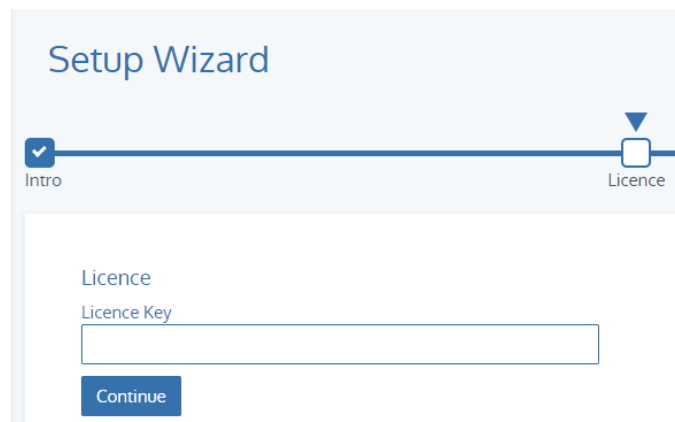
- SMTP Server
 - Server Address
 - Authentication Details (if required)
 - Email Address to send admin emails from
- LDAP Server
 - Option 1: An existing Microsoft AD, Novell eDirectory, OpenLDAP, Oracle Directory Server, then the following will be required:
 - Service account, which has read/write access to primaryTelexNumber and telexNumber attributes.
 - Domain Name
 - Server Name / Address
 - Option 2: If you do not have any available LDAP servers and/or do not want to integrate with any existing LDAP servers, you can create an Internal Managed Users Database at the Domain section of this wizard.

At the bottom left is a blue 'Continue' button.

Figure 5 SecurEnvoy Cloud Setup Wizard

-  If you are using a Service Account rather than Administrator credentials, please ensure that the Service Account has read/write permissions for the following attributes;
- primaryTelexNumber
 - telexNumber
 - mobile

6. When prompted, enter your 'Licence Key' and click 'Continue' [Figure 6].



The screenshot shows the 'Setup Wizard' window at the 'Licence' step. The progress bar at the top shows 'Intro' with a checkmark and 'Licence' with a dropdown arrow. The main content area is titled 'Licence' and contains the following text:

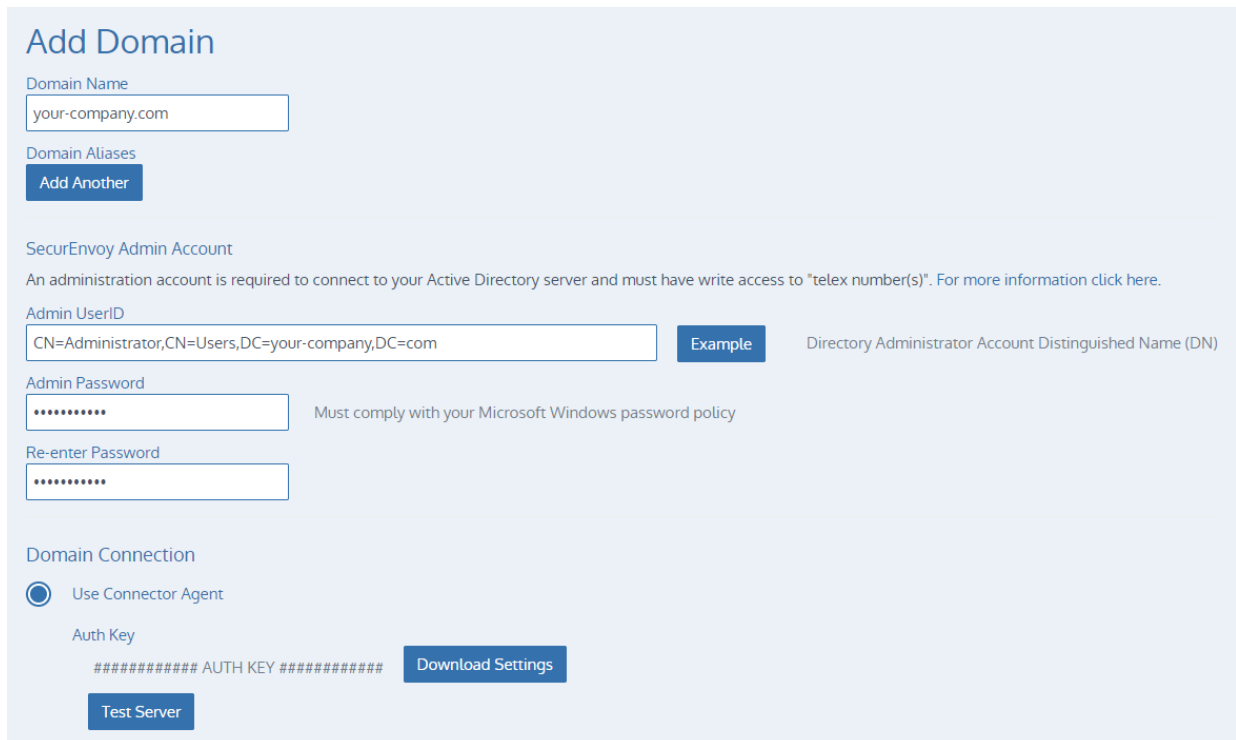
Licence Key

At the bottom is a blue 'Continue' button.

Figure 6 SecurEnvoy Cloud Setup Wizard – Licence Key

7. Next you will need to complete the domain configuration [Figure 7]:

- Enter LDAP Domain Name
- SecurEnvoy Admin Account, Admin UserID
 - i. Copy and paste from your AD the 'distinguishedName' of the Administrator or Service Account you are using to enrol.
 - Or
 - ii. Click 'Example' and replace the relevant CN and DC fields with valid values for your domain of the Administrator or Service Account you are using to enrol.
- Enter the AD password for the Administrator or Service Account.
- Select the 'Use Connector Agent' check-box.
- Do not click Download Settings or Test Server at this stage.
- Click 'Continue'.



Add Domain

Domain Name
your-company.com

Domain Aliases
[Add Another](#)

SecurEnvoy Admin Account
An administration account is required to connect to your Active Directory server and must have write access to "telex number(s)". For more information click here.

Admin UserID
CN=Administrator,CN=Users,DC=your-company,DC=com [Example](#) Directory Administrator Account Distinguished Name (DN)

Admin Password
Must comply with your Microsoft Windows password policy

Re-enter Password

Domain Connection
☒ Use Connector Agent

Auth Key
AUTH KEY ##### [Download Settings](#)

[Test Server](#)

Figure 7 SecurEnvoy Cloud Setup Wizard – Add Domain

PART II: Domain & Connector Configuration

8. After completing the Setup Wizard, click on 'Go To Dashboard' [Figure 8].

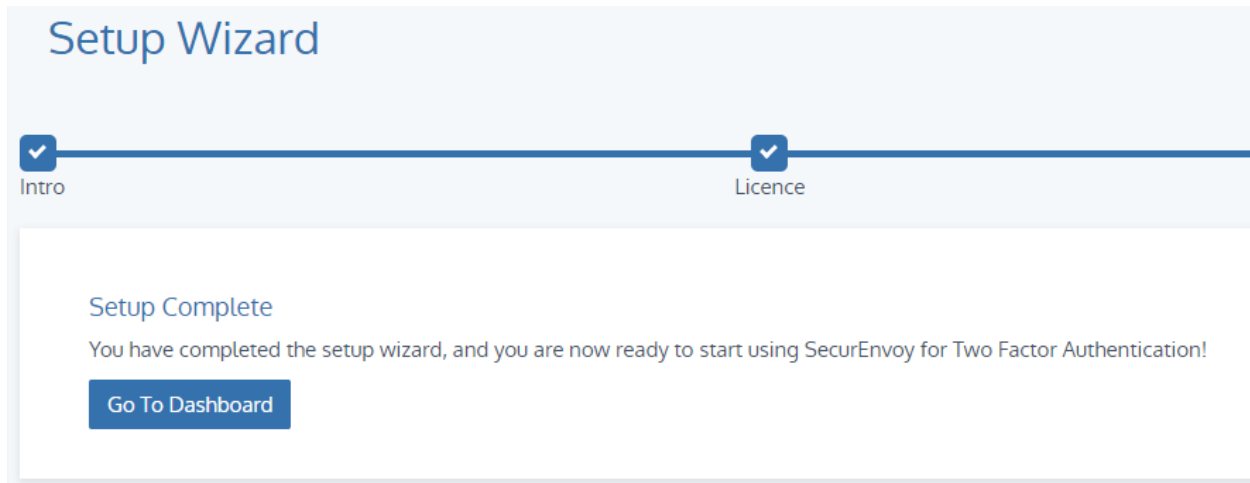


Figure 8 SecurEnvoy Cloud Setup Wizard - Completion

9. You will notice on the dashboard that the 'Domain Status' should show as Down, this is not an error and is expected at this stage of the process [Figure 9].


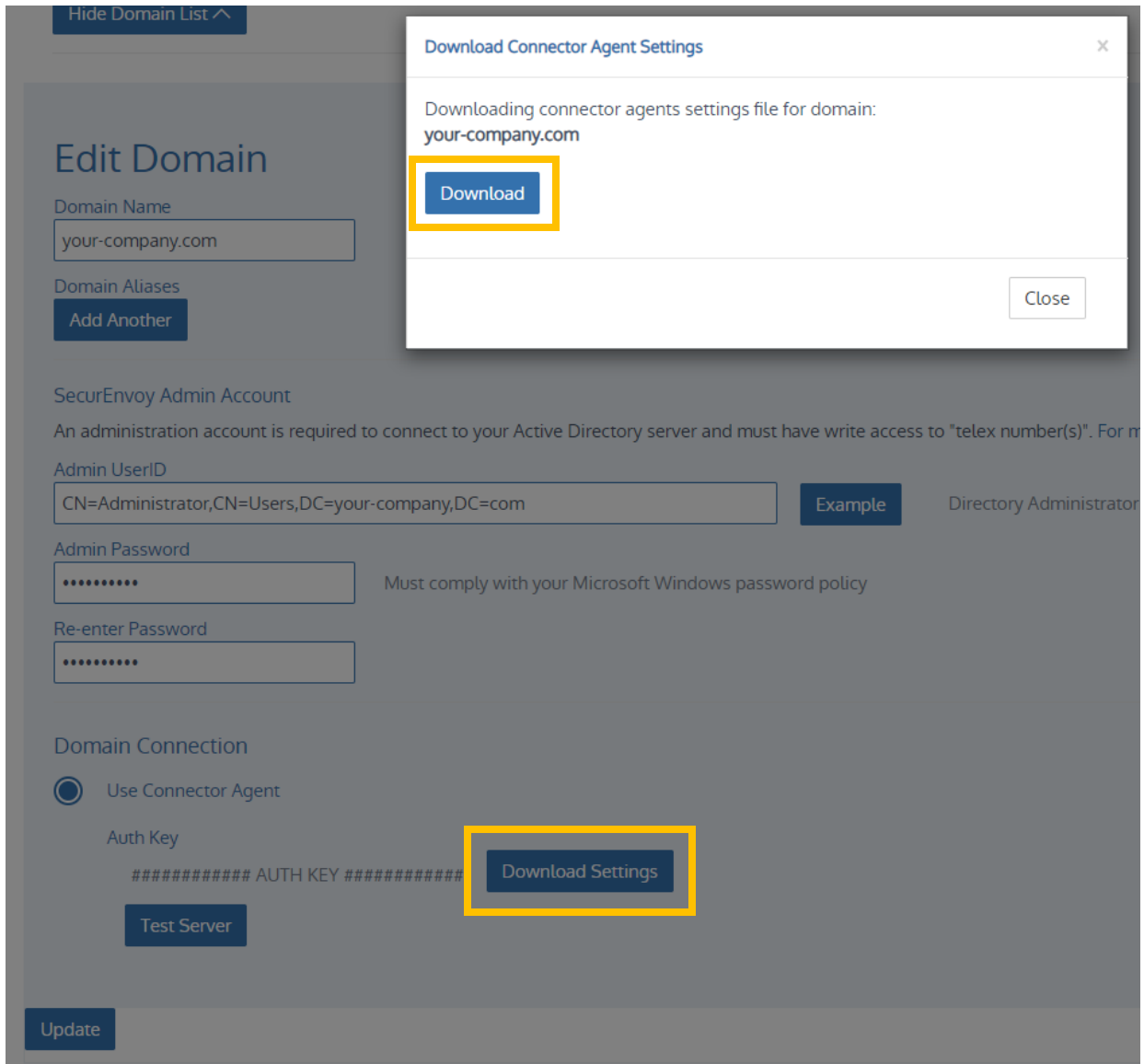
Domain Status		
Domain	Type	Status
your-company.com	AD	 Connector Agent

Figure 9 SecurEnvoy Cloud Dashboard Domain Status

10. On the left panel, navigate to Domains > Edit Domain [Figure 10];

- Click on 'Download Settings' and 'Download'.
 - i. This will download a file called 'ConnectorClient.ini' to your local machine.
- Remember where 'ConnectorClient.ini' is downloaded to, as it is required later on in this process.



Hide Domain List ^

Edit Domain

Domain Name
your-company.com

Domain Aliases
[Add Another](#)

SecurEnvoy Admin Account

An administration account is required to connect to your Active Directory server and must have write access to "telex number(s)". For more information, see the SecurEnvoy documentation.

Admin UserID
CN=Administrator,CN=Users,DC=your-company,DC=com [Example](#) Directory Administrator

Admin Password
..... Must comply with your Microsoft Windows password policy

Re-enter Password
.....

Domain Connection

☒ Use Connector Agent

Auth Key
AUTH KEY ##### [Download Settings](#)

[Test Server](#)

[Update](#)

Download Connector Agent Settings

Downloading connector agents settings file for domain:
your-company.com

[Download](#)

[Close](#)

Figure 10 SecurEnvoy Cloud Domain Configuration

11. Navigate to SecurEnvoy Support Downloads (<https://www.securenvoy.com/en-us/support#id4>) and download the Connector Agent setup file. When this has downloaded, Install Connector Agent software on the preferred server.
- If you decide to install the Connector Agent on a server that **is not** a Domain Controller you must ensure that the server running the Connector Agent service can route to your Domain Controller.

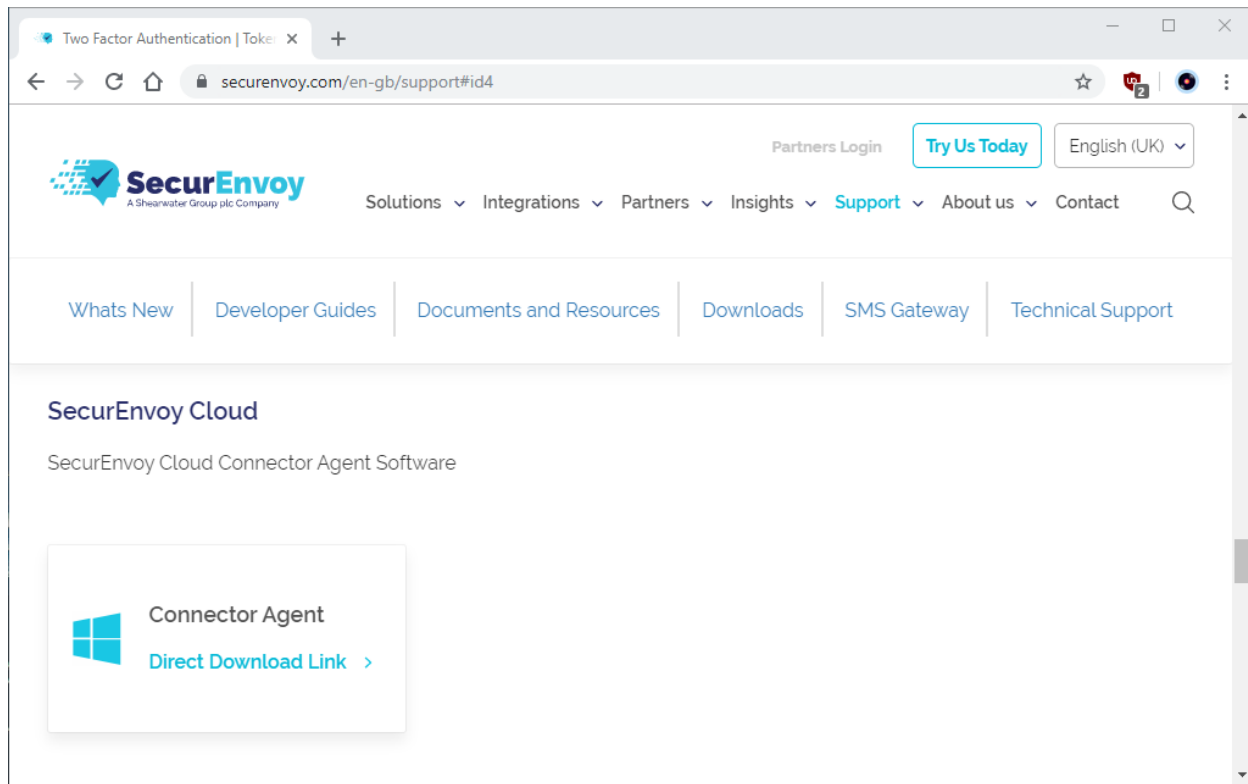


Figure 11 SecurEnvoy Downloads

12. Now that ConnectorAgent is installed, you can move the 'ConnectorClient.ini' file to the SecurEnvoy Connector Agent directory [Figure 12].

- Copy and paste, or, move the 'ConnectorClient.ini' downloaded in Step 10 to the following directory;
 - i. C:\ProgramData\SecurEnvoy\ConnectorAgent
 - ii. When prompted, select 'Replace the file in the destination'
- If Server that the ConnectorAgent service is running on is not a Domain Controller, 'ConnectorClient.ini' must be updated with the IP address of the DC rather than a loopback address [Figure 13].
- To add multiple Domain Controller IPs, list the IP address of the Domain Controller with followed by port number ':389'. Separate each IP address with a Semicolon [Figure 13a].

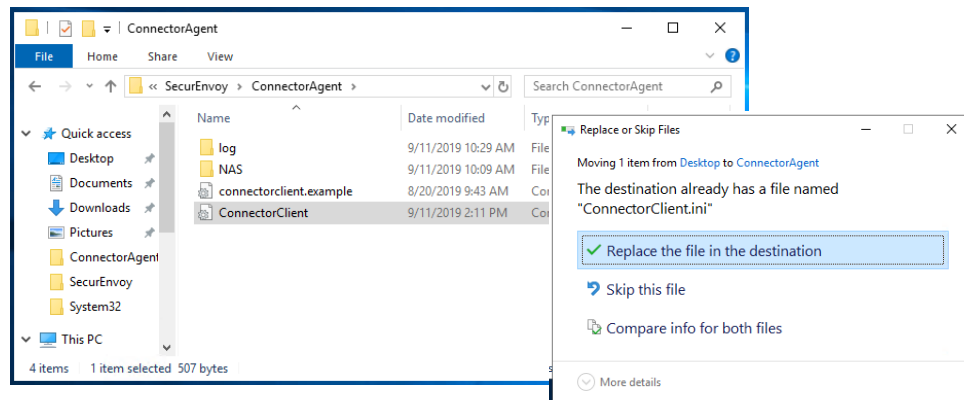


Figure 12 ConnectorClient.ini Filepath

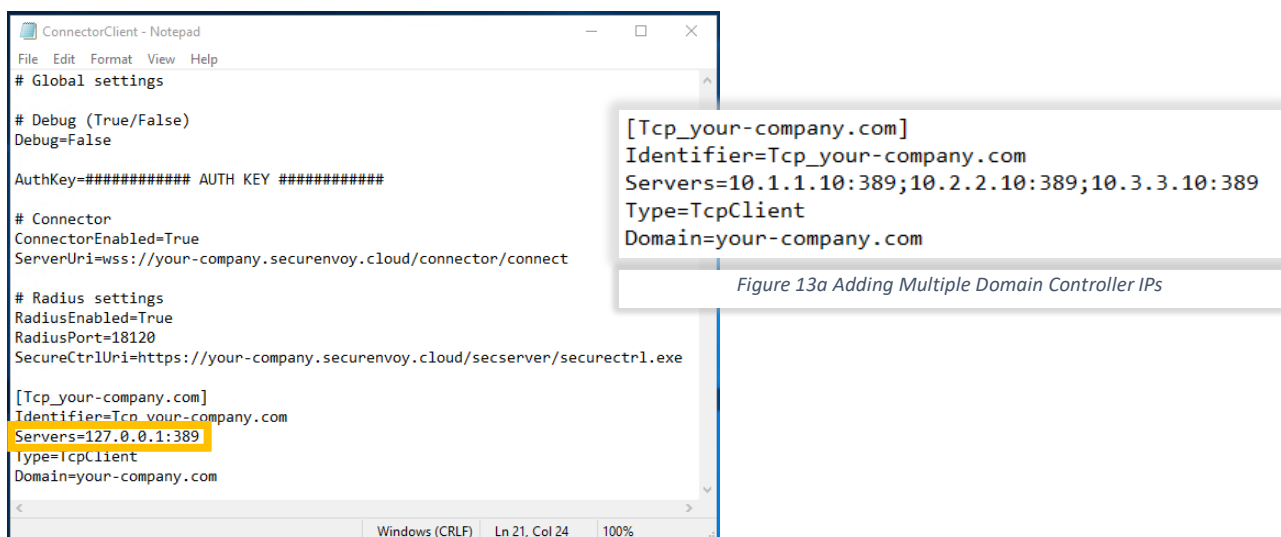


Figure 13 Optional - ConnectorClient.ini LDAP Server Configuration

13. Go to Windows Services, locate the 'SecurEnvoy Connector Client' service, right-click, and click 'Restart' [Figure 14].

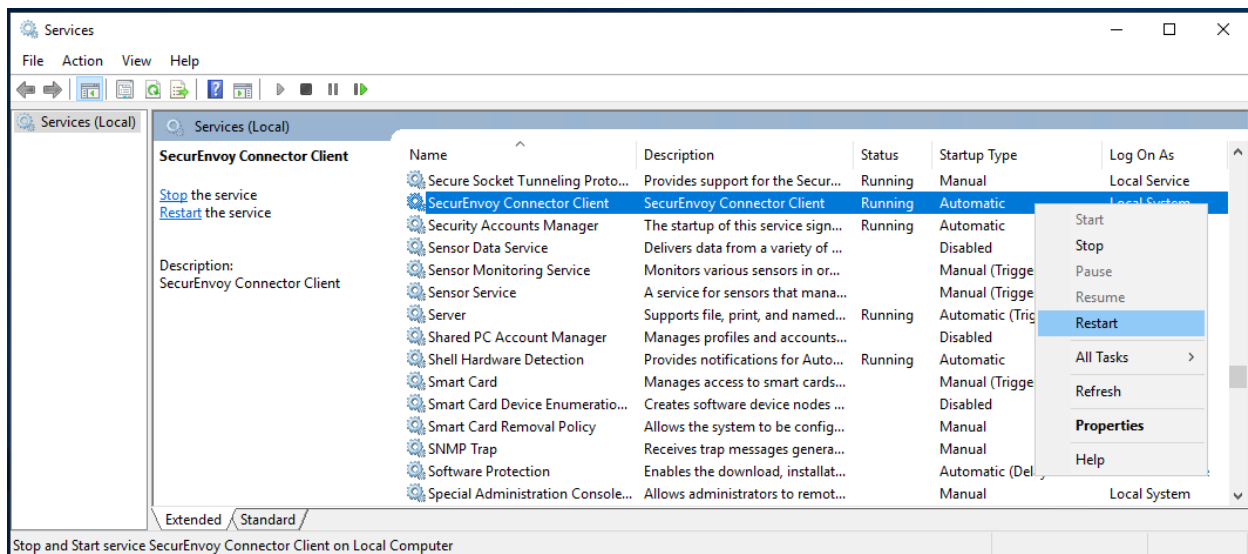


Figure 14 Windows Services - Restart Service for SecurEnvoy Connector Client

To test that the SecurEnvoy Cloud Connector is up and running, navigate to the following URL:
<https://your-company-id.securenvoy.cloud/connector>
 If you are presented with text 'SecurEnvoy Connector' then the SecurEnvoy Cloud Connector is operational [Figure 14a].

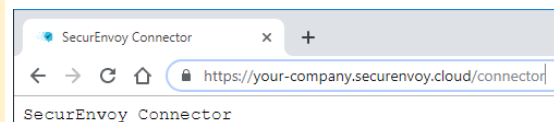


Figure 14a SecurEnvoy Connector Test URL

14. To test LDAP connectivity to your Domain Controller you can run ldp.exe (located in C:\Windows\System32\). Go to Connection > Bind and select 'Bind type: Bind as currently logged on user', then click 'OK'. If successful you will see that ldp.exe window title changes to 'ldap://your-domain.com/' and the text in the main window will show 'Authenticated as: your-domain/user'.

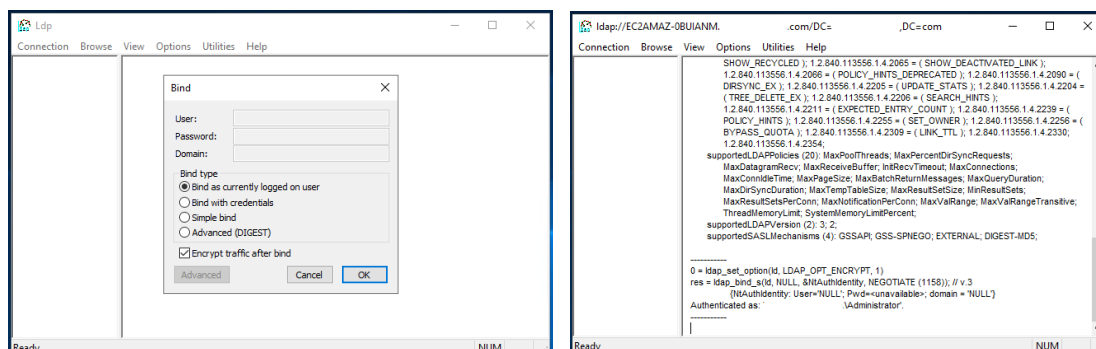


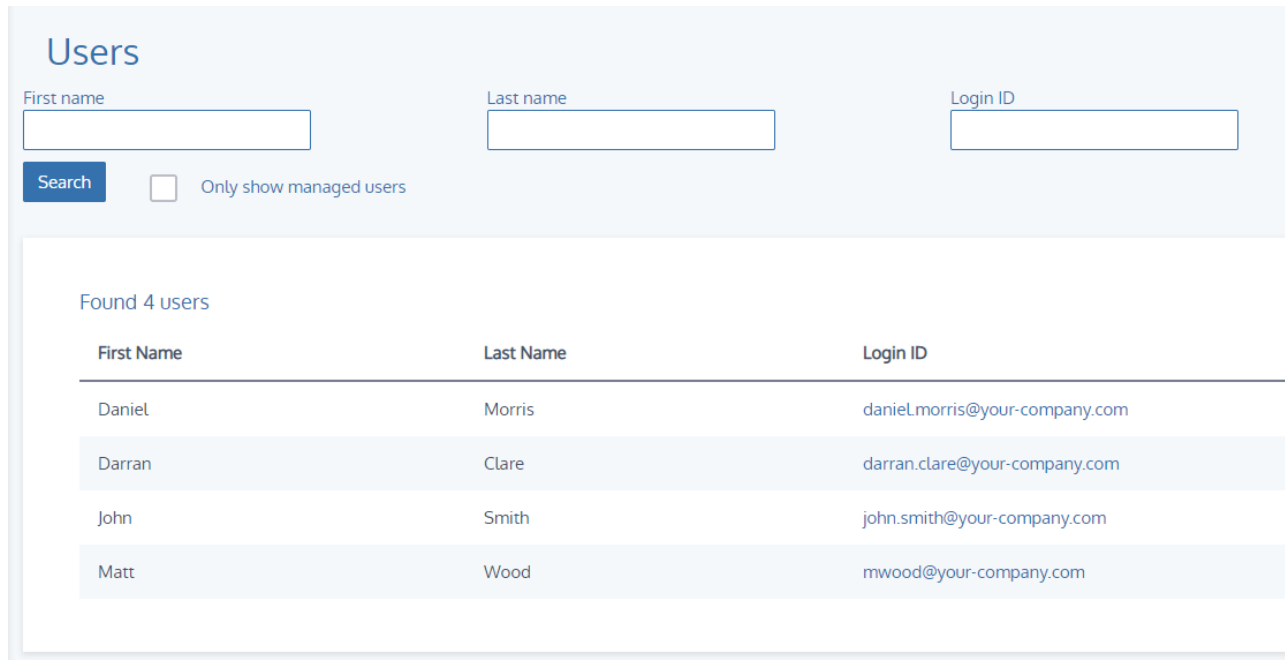
Figure 14b ldp.exe LDAP bind testing

Ldp is built into Windows Server 2008 onwards. It is available if you have the AD DS server role installed.

Part III: Enrolling An Admin User

15. Return to the SecurEnvoy Cloud Dashboard and on the left side panel, click on 'Users' [Figure 15].

- Click 'Search' and select the user you wish to enable for admin access to SecurEnvoy Cloud and MFA.



Users

First name

Last name

Login ID

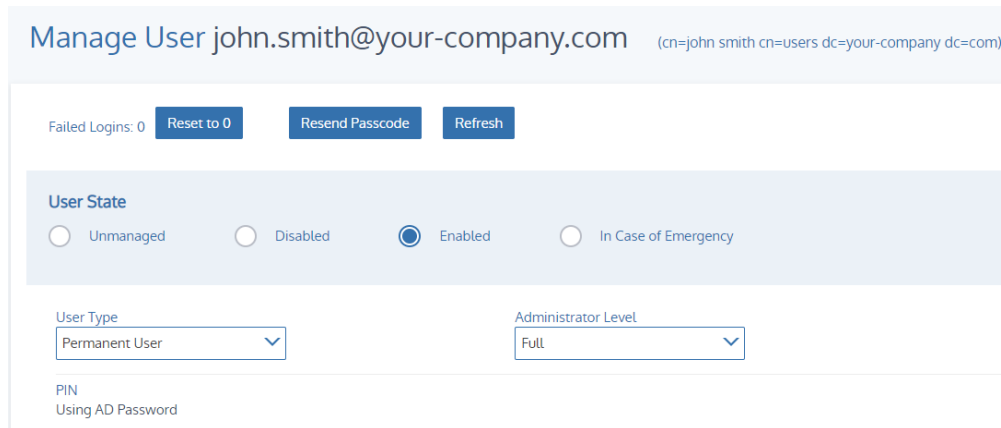
☐ Only show managed users

Found 4 users

First Name	Last Name	Login ID
Daniel	Morris	daniel.morris@your-company.com
Darran	Clare	darran.clare@your-company.com
John	Smith	john.smith@your-company.com
Matt	Wood	mwood@your-company.com

Figure 15 SecurEnvoy Cloud Users

16. Click Enabled and change the Administrator Level to Full [Figure 16].



Manage User john.smith@your-company.com (cn=john smith cn=users dc=your-company dc=com)

Failed Logins: 0 [Reset to 0](#) [Resend Passcode](#) [Refresh](#)

User State

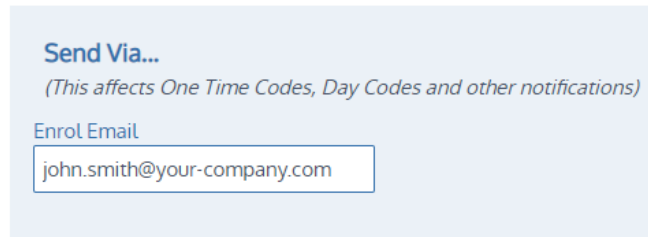
☐ Unmanaged
 ☐ Disabled
 ☒ Enabled
 ☐ In Case of Emergency

User Type: Permanent User
 Administrator Level: Full

PIN
Using AD Password

Figure 16 SecurEnvoy Cloud Enable Administrator User

17. Check that the email field contains the correct email address [Figure 17].



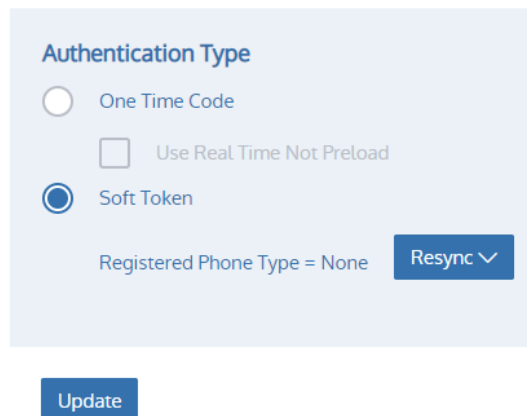
Send Via...
(This affects One Time Codes, Day Codes and other notifications)

Enrol Email

john.smith@your-company.com

Figure 17 SecurEnvoy Cloud Administrator Enrolment Email Address

18. Choose Authentication Type 'Soft Token' [Figure 18].



Authentication Type

☐ One Time Code
 ☐ Use Real Time Not Preload
 ☒ Soft Token

Registered Phone Type = None [Resync](#)

[Update](#)

Figure 18 SecurEnvoy Cloud Administrator Authentication Type

19. Click 'Update', this should trigger an enrolment email to be sent to the above email address from Step 16. [Figure 19 & Figure 20].

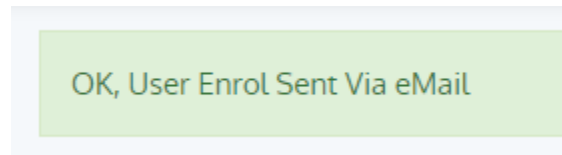
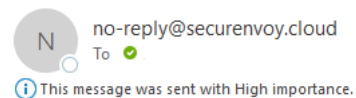


Figure 20 SecurEnvoy Cloud Enrolment Email Sent to Administrator User

SecurEnvoy Two Factor Authentication Enrolment



You have been enabled for SecurEnvoy two factor authentication.

A mobile phone number or Authenticator Phone application is required to receive authentication passcodes.

Select the following link to login using your domain credentials and enter the one-time passcode shown below.

<https://your-company.securenvoy.cloud/secenrol?userid=john.smith%40your-company.com>

PASSCODE = 554404

iOS – <https://itunes.apple.com/gb/app/securenvoy-authenticator/id446939587?mt=8>

Android – https://play.google.com/store/apps/details?id=securenvoy.softtoken.android&hl=en_GB

Figure 19 SecurEnvoy 2FA Enrolment Email

Part IV: Device Enrolment

20. Install the SecurEnvoy Authenticator Application by SecurEnvoy Limited.

- Google Play Store on Android [Figure 21]
- App Store on iOS

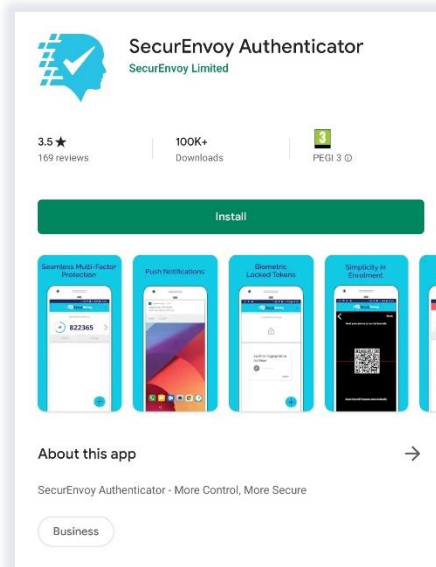


Figure 21 SecurEnvoy Authenticator on Google Play Store

21. Click on the enrolment URL provided in the SecurEnvoy Two Factor Authentication Enrolment email [Figure 22].

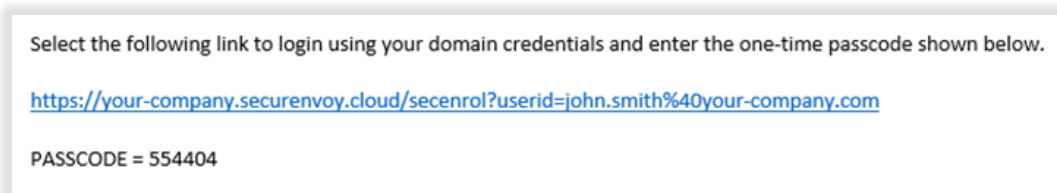


Figure 22 SecurEnvoy 2FA Enrolment Email URL & Passcode

22. Enter your AD Administrator or Service Account Username and AD Password [Figure 23].

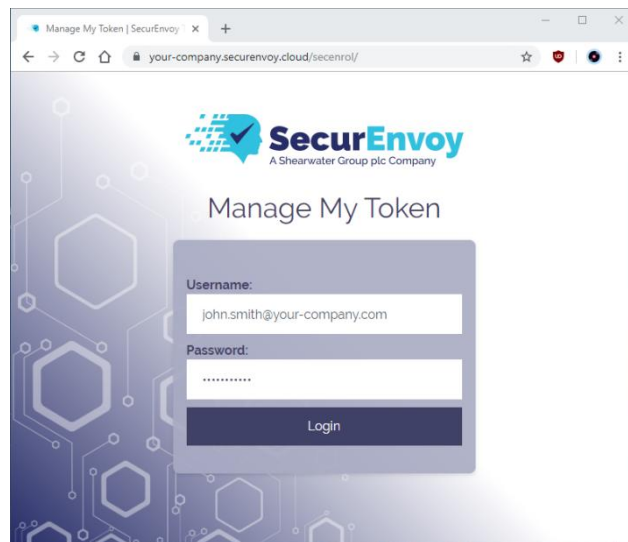
A screenshot of a web browser window showing the SecurEnvoy 'Manage My Token' portal. The browser's address bar displays 'your-company.securenvoy.cloud/secenrol/'. The page features the SecurEnvoy logo and a login form with fields for 'Username:' (containing 'john.smith@your-company.com') and 'Password:' (masked with dots). A 'Login' button is positioned below the password field.

Figure 23 SecurEnvoy SecEnrol Portal

23. Copy and paste the one-time 6-digit Passcode from the SecurEnvoy Two Factor Authentication enrolment email, from Step 18 [Figure 24].

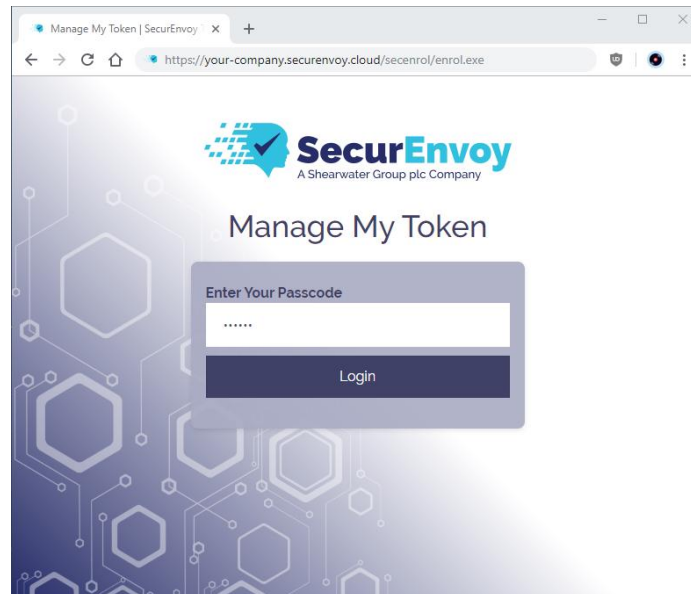
A screenshot of the SecurEnvoy 'Manage My Token' portal, showing the passcode entry step. The browser's address bar displays 'https://your-company.securenvoy.cloud/secenrol/enrol.exe'. The login form now includes a field labeled 'Enter Your Passcode' with a 6-digit masked input. The 'Login' button remains at the bottom of the form.

Figure 24 SecurEnvoy SecEnrol Portal Passcode

24. You will now be presented with the SecurEnvoy Manage My Token 'Soft Token App' setup wizard [Figure 25].



Figure 25 SecurEnvoy Cloud SecEnrol Manage My Token Wizard

25. Open the SecurEnvoy Authenticator app on your device, press the (+) symbol and scan QR code on the screen of your local machine [Figure 26].

- When prompted, allow the SecurEnvoy Authenticator app to use the device camera.

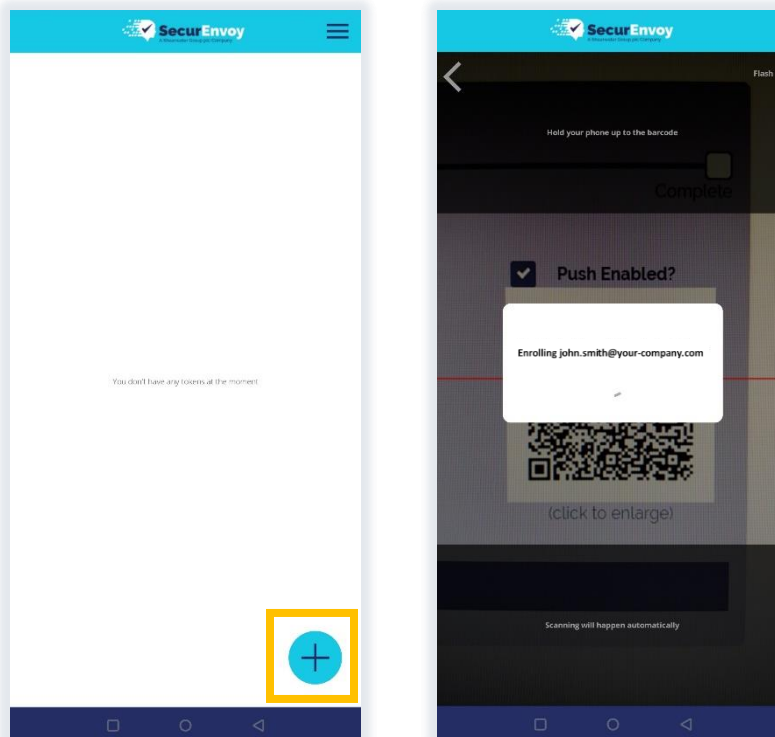


Figure 26 SecurEnvoy Authenticator App QR Code Enrolment

26. After a short period of time, the SecurEnvoy Authenticator app will be enrolled to the SecurEnvoy Cloud service [Figure 27].



Figure 27 SecurEnvoy Manage My Token Completion

27. Return to the SecurEnvoy Cloud Administrator portal, ([https://\[your-company\].securenvoy.cloud/secadmin/](https://[your-company].securenvoy.cloud/secadmin/)) and logout the Administrator or Service Account user [Figure 28].

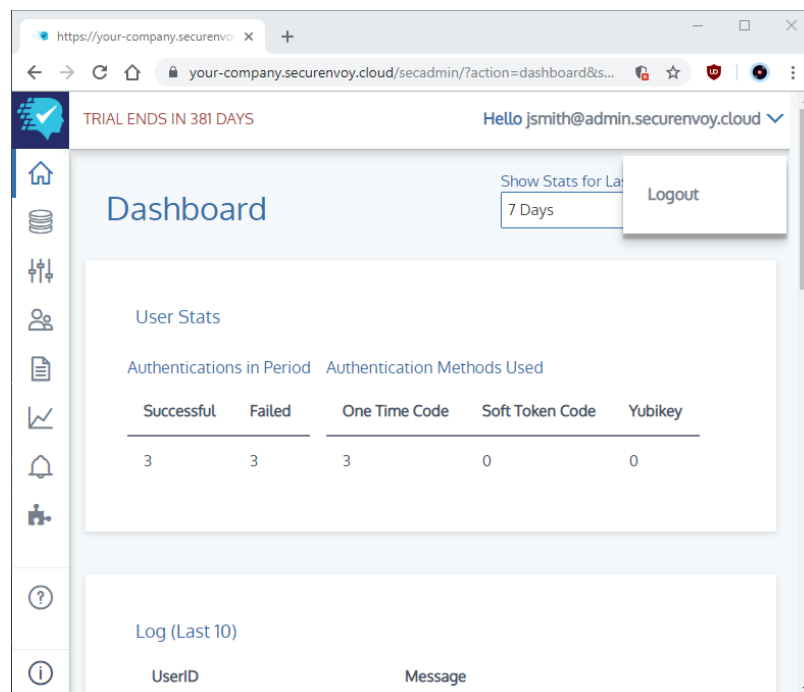


Figure 28 SecurEnvoy Cloud Secadmin Dashboard Logout Enrolment Admin

28. Login with configured user from Step 14 [Figure 29].

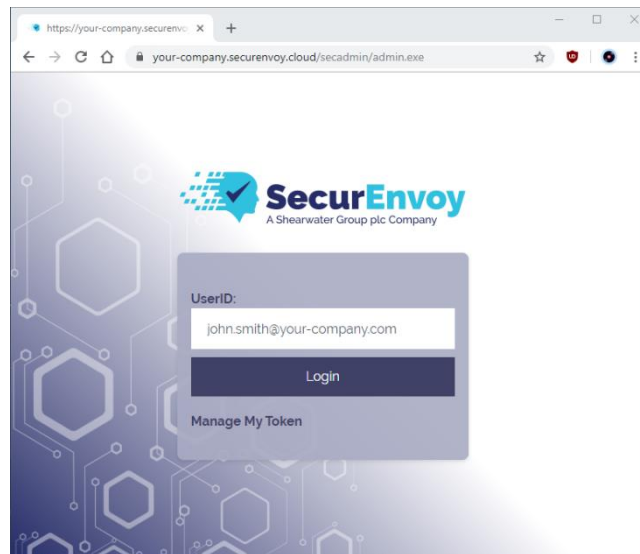


Figure 29 SecurEnvoy Secadmin Web Portal Login UserID

29. Enter the AD Password for the Administrator or Service Account [Figure 30].

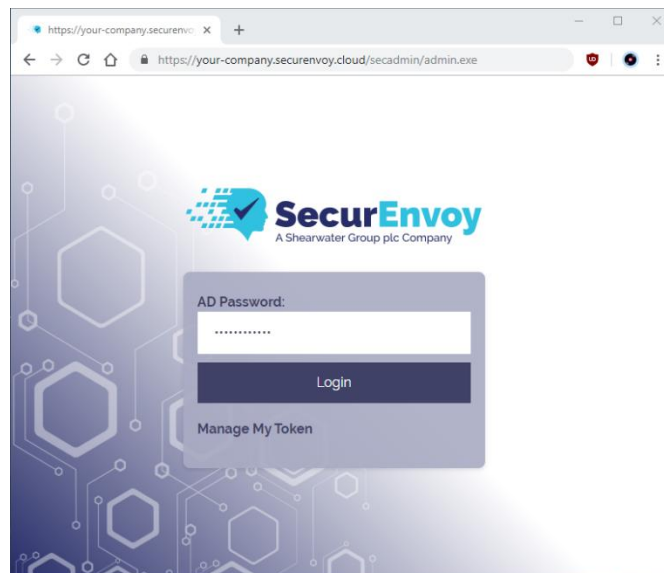


Figure 30 SecurEnvoy Secadmin Web Portal AD Password

30. Wait for push notification on device that has SecurEnvoy app (Step 19) and press 'Accept' [Figure 31].

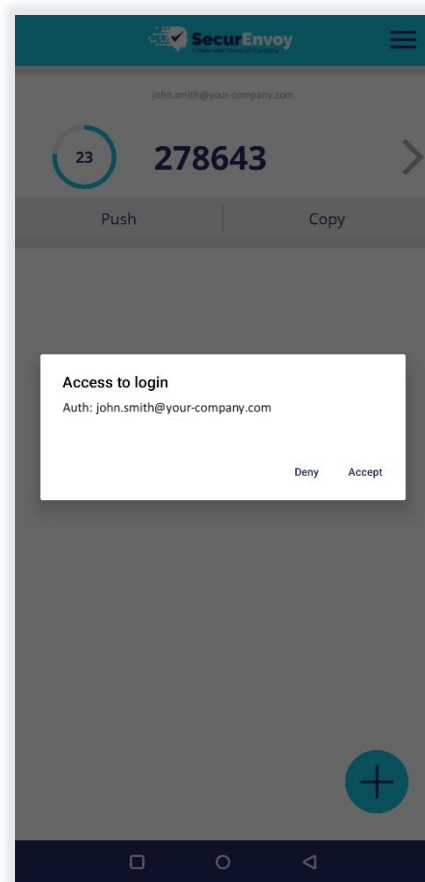


Figure 31 SecurEnvoy Authenticator App Notification

31. You should now be logged into the SecurEnvoy Dashboard with your own Administrator or Service Account credentials [Figure 32].

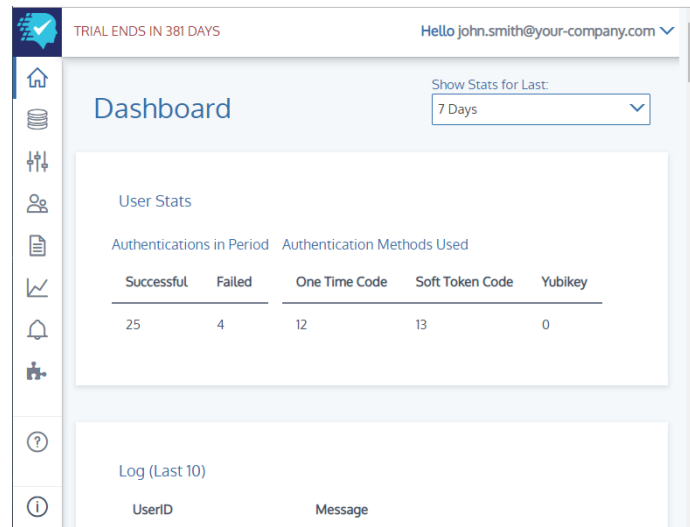


Figure 32 SecurEnvoy Cloud Secadmin Web Portal Dashboard