Two factor authentication has been added in version 1.21.10

With regards to compliance with GDPR and the Protection of Personal Information Act (4 of 2013), HeroTill can be setup in such a way to prevent personal information from being lost, changed or stolen.

The identity of admin staff using HeroTill can be ensured using two-factor authentication, controlling who has access to customer information on the system.

The customer portal does not have two factor authentication.

How to enable this feature

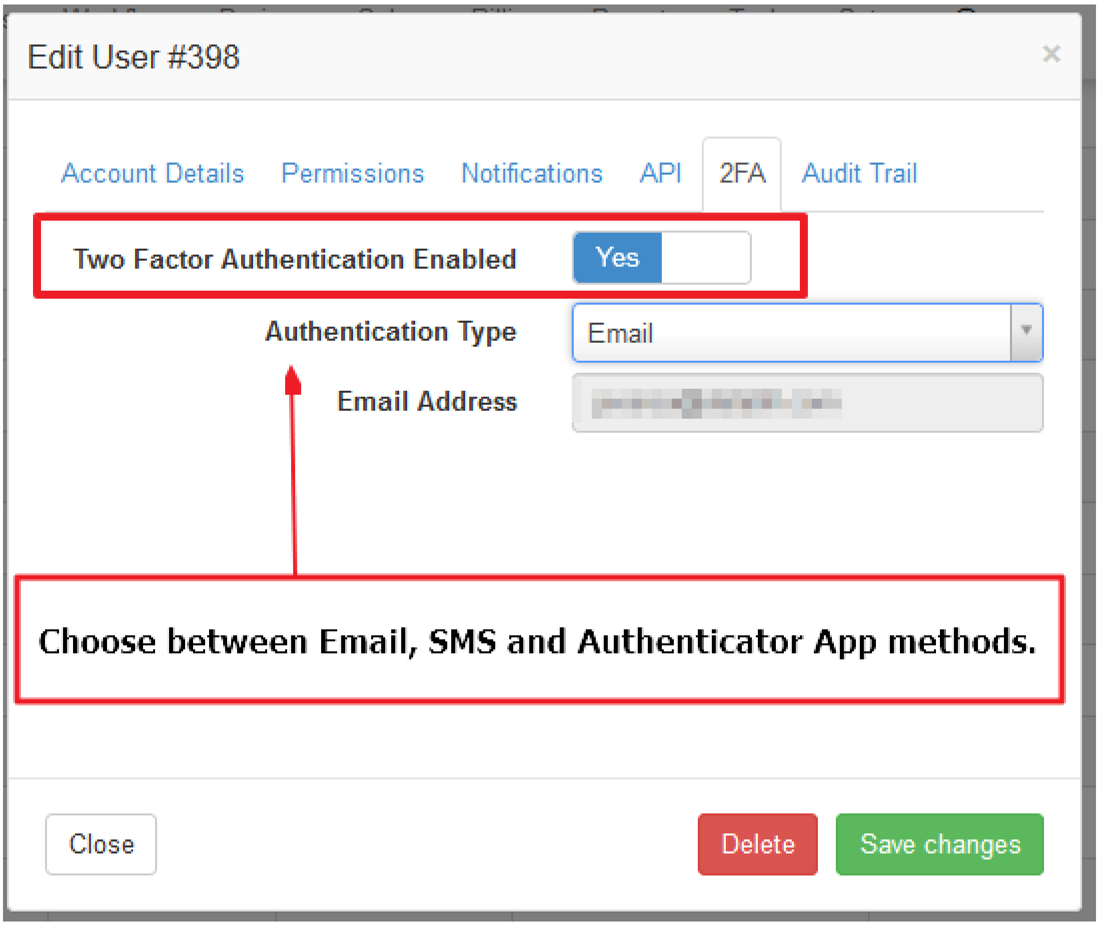
Go to Setup –> Admin Users –> Edit User –> 2FA tab

Set the value for “Two Factor Authentication Enabled” to Yes.

Choose authentication type and save changes.

The authenticator app method needs verification before saving changes.

This needs to be enabled on each admin user that needs to log in using two factor authentication.



Edit User #398

Two Factor Authentication Enabled: Yes

Authentication Type: Email

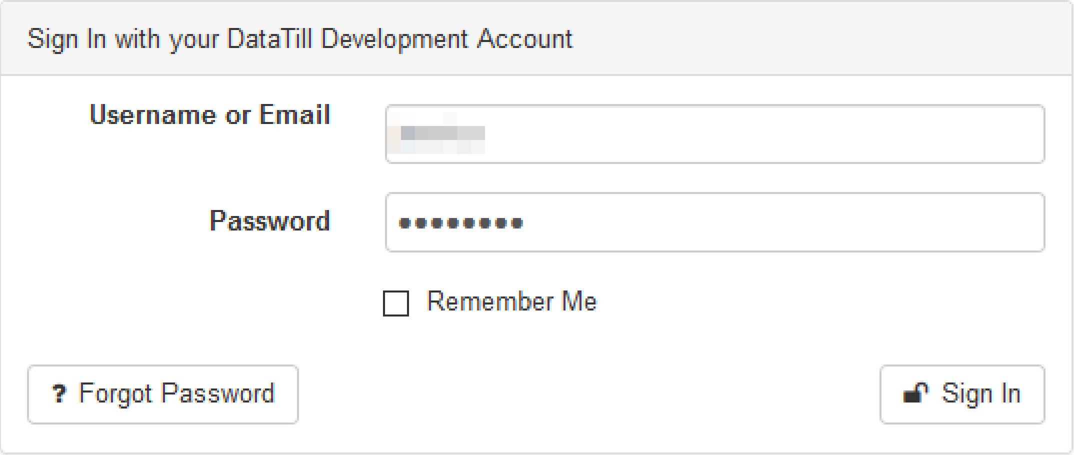
Email Address

Choose between Email, SMS and Authenticator App methods.

How does the login change?

Step 1

Sign in as normal with your username/email and password:



Sign In with your DataTill Development Account

Username or Email

Password ●●●●●●●●●

□ Remember Me

Step 2

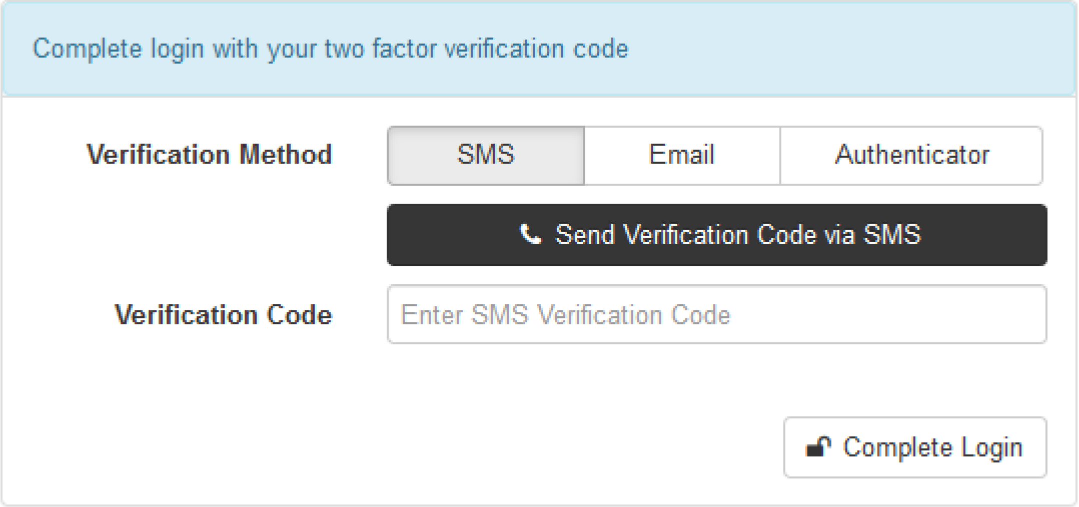
After signing in with your password you will see a screen to complete your login with two factor authentication.

Step 2 of the 2 factor authentication is to type in a code received via **SMS, Email or Authenticator App.**

Of the three verification methods available, you only need to choose one to sign into the system successfully.

- **SMS verification code**

One of the verification methods is to receive your verification code via SMS.



Complete login with your two factor verification code

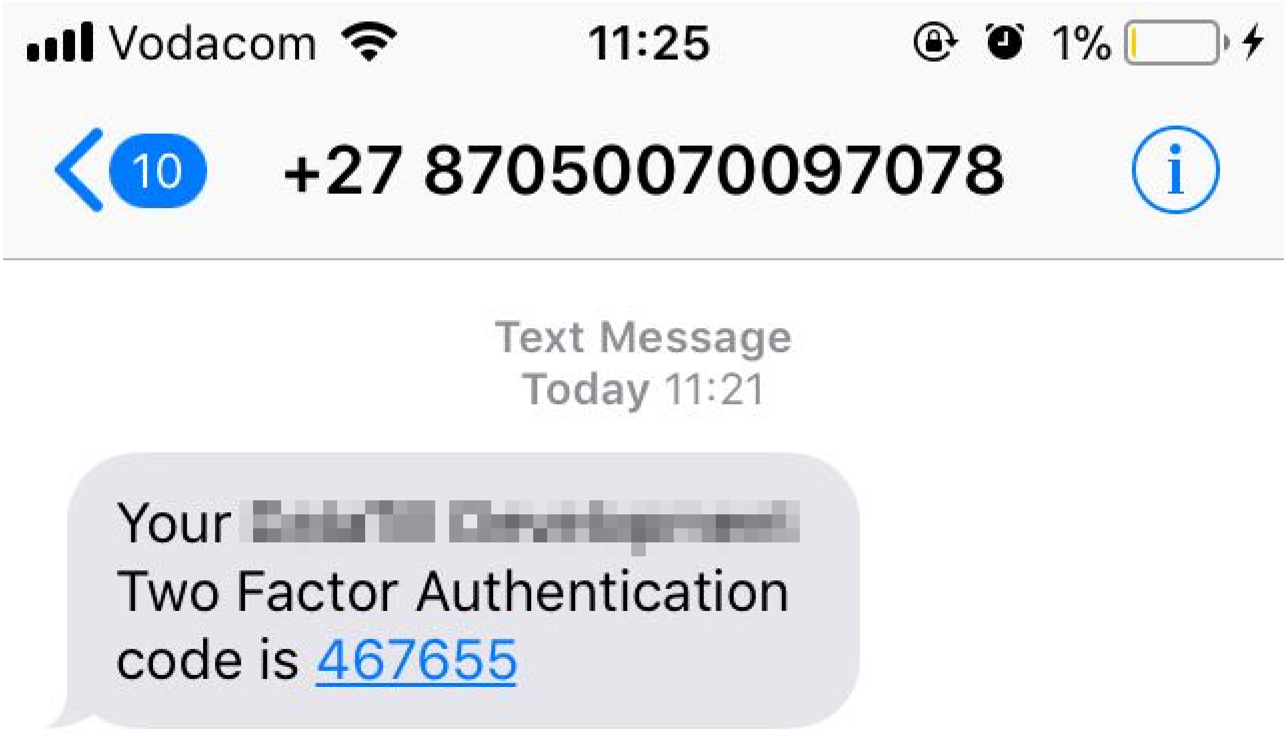
Verification Method: SMS | Email | Authenticator

Verification Code: Enter SMS Verification Code

By clicking on “Send Verification Code via SMS”, an SMS will be sent to the mobile number on your system user account.

Enter the code that you received in the SMS in the “Verification Code” field.

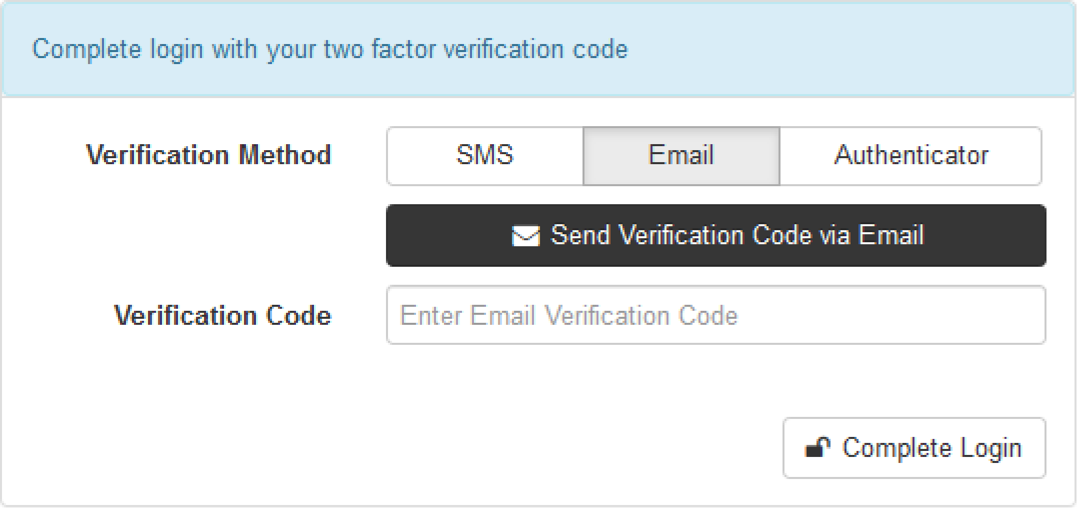
Code via SMS example:



Your [redacted] Two Factor Authentication code is 467655

- **Email verification code**

The second verification method is to receive your verification code via email.



Complete login with your two factor verification code

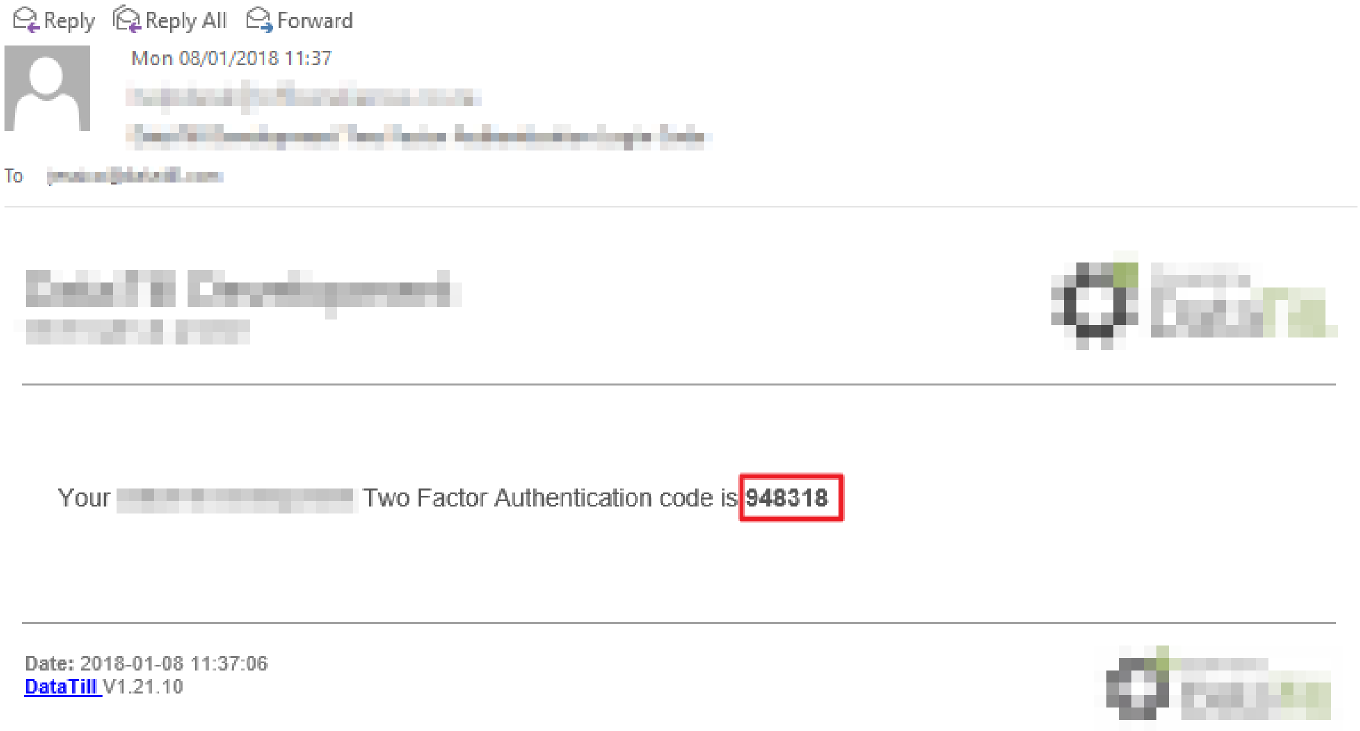
Verification Method: SMS | Email | Authenticator

Verification Code: Enter Email Verification Code

By clicking on “Send Verification Code via Email”, an email will be sent to the email address on your system user account.

Enter the code that you received in the email in the “Verification Code” field.

Code via email example:



Mon 08/01/2018 11:37

[redacted]

[redacted]

To [redacted]

[redacted]

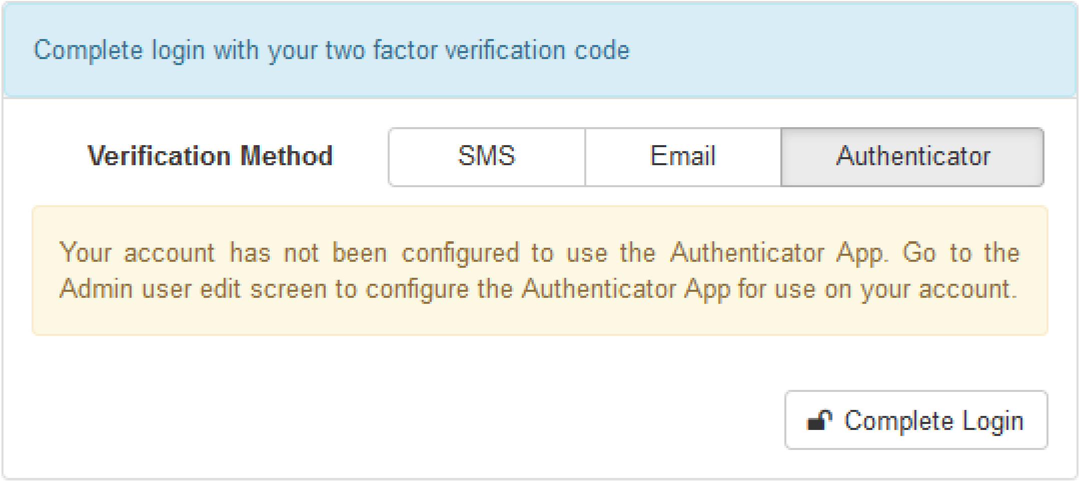
Your [redacted] Two Factor Authentication code is **948318**

Date: 2018-01-08 11:37:06
DataTill V1.21.10

- **Authenticator verification code**

The third verification method is to receive your verification code via an authenticator mobile application.

The Authenticator App uses the Google API, so either the Google Authenticator App or any third party compliant 2FA app like Authy can be used to generate 2FA codes.



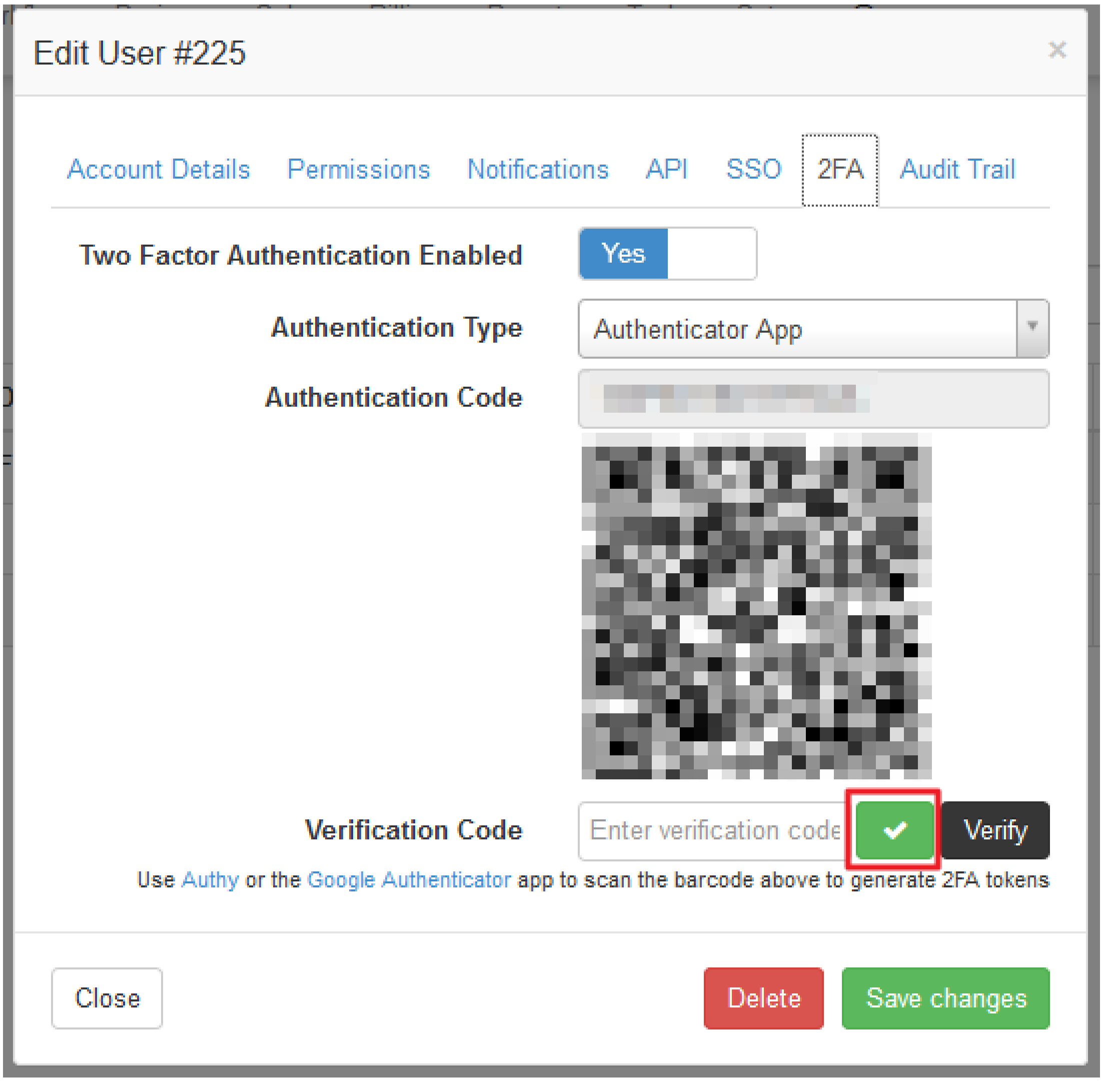
Complete login with your two factor verification code

Your account has not been configured to use the Authenticator App. Go to the Admin user edit screen to configure the Authenticator App for use on your account.

For this method to work, the Authenticator App needs to be set up on the user’s account.

Download one of the following apps on your mobile: Authy or Google Authenticator

Go to Setup -> Admin Users -> Edit User -> 2FA tab



Edit User #225

Two Factor Authentication Enabled: Yes

Authentication Type: Authenticator App

Authentication Code: [redacted]

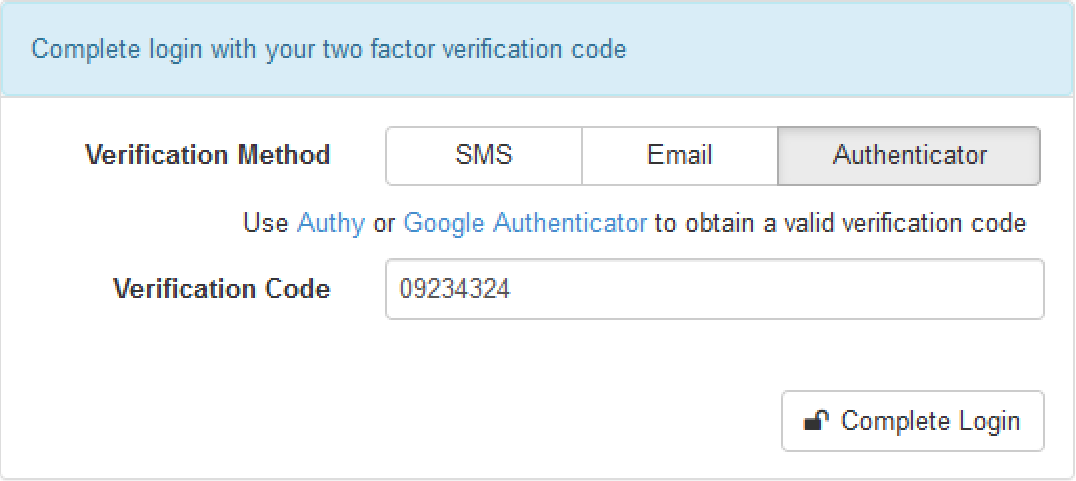
Verification Code: Enter verification code

Use Authy or the Google Authenticator app to scan the barcode above to generate 2FA tokens

After downloading one of the apps, you can scan the QR code or manually enter the authentication code to verify your app with your HeroTill account.

Enter the verification code on the 2FA to verify.

Now you will be able to complete log in with the Authenticator method:



Complete login with your two factor verification code

Verification Method: SMS | Email | Authenticator

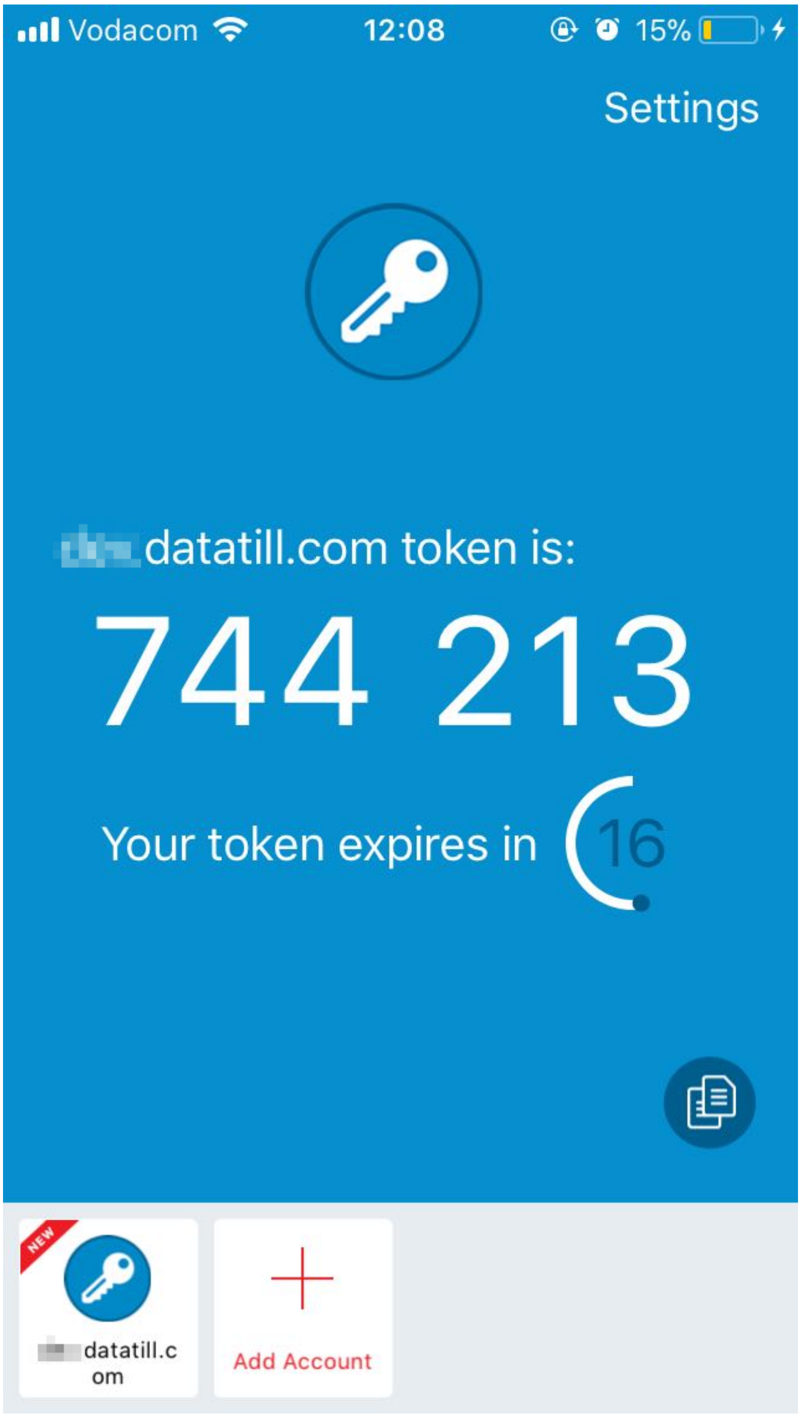
Use Authy or Google Authenticator to obtain a valid verification code

Verification Code: 09234324

The Authenticator apps will generate new codes every few seconds.

Enter the code that you see in the Authenticator app in the “Verification Code” field.

Screenshot from Authy app:



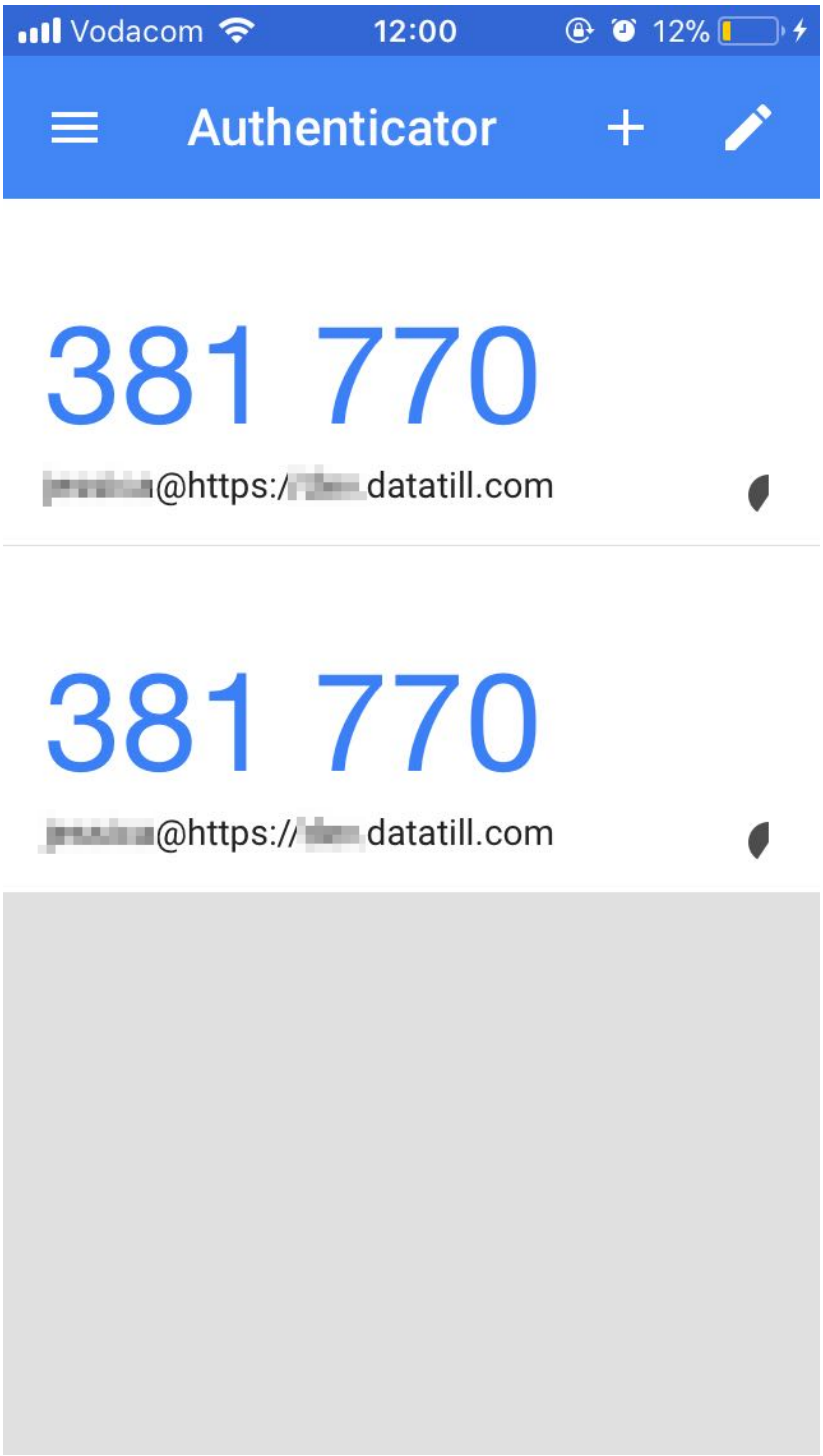
[redacted]datatill.com token is:

744 213

Your token expires in 16

[redacted]datatill.com

Screenshot from Google Authenticator app:



381 770

[redacted]@https:/[redacted]datatill.com

381 770

[redacted]@https://[redacted]datatill.com

Note:

Only if the verification code is matched, the user will be allowed into the system.

You are able to switch between authentication modes on each sign in.

Note that the 2FA authentication request will expire after 15 minutes. The user will have to restart the login process if this happens.