



SATURN USER GUIDE: MIGRATION TO TOTP SOLUTION

CONTENTS:

1. HOW TO SET UP THE TOTP (TIME BASED ONE-TIME PASSWORD) SOLUTION ON A DEVICE.....	2
2. MIGRATION STEPS IN EUA OR PROD	5
3. HOW TO CHANGE THE 2FA (TWO-FACTOR AUTHENTICATOR) METHOD.....	13
4. SUMMARY OF STEPS	14

CONTACT

For any queries, please contact **Euronext Customer Access Services**

Euronext Market Services | Membership & Customer Connectivity

Tel: +33 1 8514 8589 | Email: cas@euronext.com

This document is for information purposes only and is not a recommendation to engage in investment activities. This publication is provided “as is” without representation or warranty of any kind. Whilst all reasonable care has been taken to ensure the accuracy of the content, Euronext does not guarantee its accuracy or completeness. Euronext will not be held liable for any loss or damages of any nature ensuing from using, trusting or acting on information provided. No information set out or referred to in this document shall form the basis of any contract. The creation of rights and obligations in respect of financial products that are traded on the exchanges operated by Euronext’s subsidiaries shall depend solely on the applicable rules of the market operator. All proprietary rights and interest in or connected with this document shall vest in Euronext. No part of it may be redistributed or reproduced in any form without the prior written permission of Euronext.

Euronext refers to Euronext N.V. and its affiliates. Information regarding trademarks and intellectual property rights of Euronext is located at www.euronext.com/terms-use.

1. HOW TO SET UP THE TOTP (TIME BASED ONE-TIME PASSWORD) SOLUTION ON A DEVICE

Clients are advised to install the TOTP applications **on their mobile phones**. Please find below the user guide on how to do this.

If for some reason the client is not able to use their mobile phone for the TOTP solution, it is possible to install the TOTP application on a computer. In this case please contact the Euronext Customer Access Services team (CAS) for further guidance on cas@euronext.com.


A) USER GUIDE GOOGLE AUTHENTICATOR APP (STRONGLY RECOMMENDED)

You will need to install the Barcode Scanner application (if you do not have one installed, Authenticator will ask you to install one).

- Download and install the Google Authenticator app for [iOS](#) or [Android](#)
- On your mobile device, open the Google Authenticator app.
- Tap on **BEGIN SETUP**
- Tap **Scan a Barcode** (if you do not have Barcode Scanner, you will be asked to install it).
- You can use the application and scan a QR code (needed for later stage).

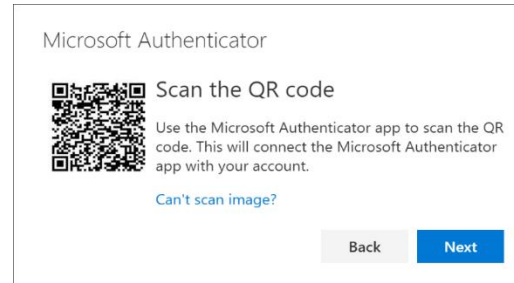


B) USER GUIDE MICROSOFT AUTHENTICATOR APP

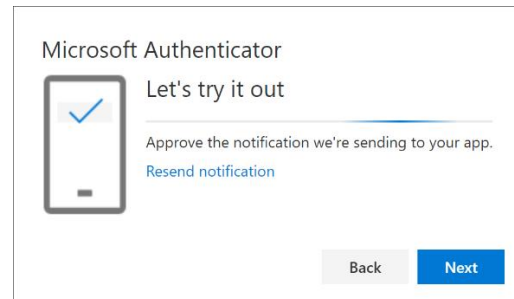
- Download and install the Microsoft Authenticator app for iOS or Android
- On your mobile device, open the Microsoft Authenticator app.
- Tap the Add icon  or **Add an Account** option.
- Select your desired account type. If prompted, select **Scan QR code**.



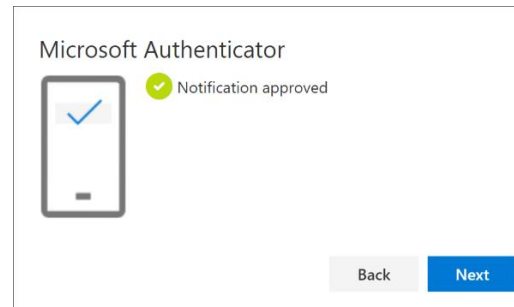
- Select **Next** on the **Scan the QR code** page on your mobile.



- A notification is sent to the Microsoft Authenticator app on your mobile device, to test your account.



- Approve the notification in the Microsoft Authenticator app, and then select **Next**.



Your security info is updated to use the Microsoft Authenticator app by default to verify your identity when using two-step authentication or password reset.

2. MIGRATION STEPS IN EUA OR PROD

The term 'User' in the document refers to an external client at Euronext using the web service to access the Saturn application.

Before migrating to the TOTP solution, clients must first test it on the EUA platform. The steps are the same for EUA and Production environments, except for the log-on step.

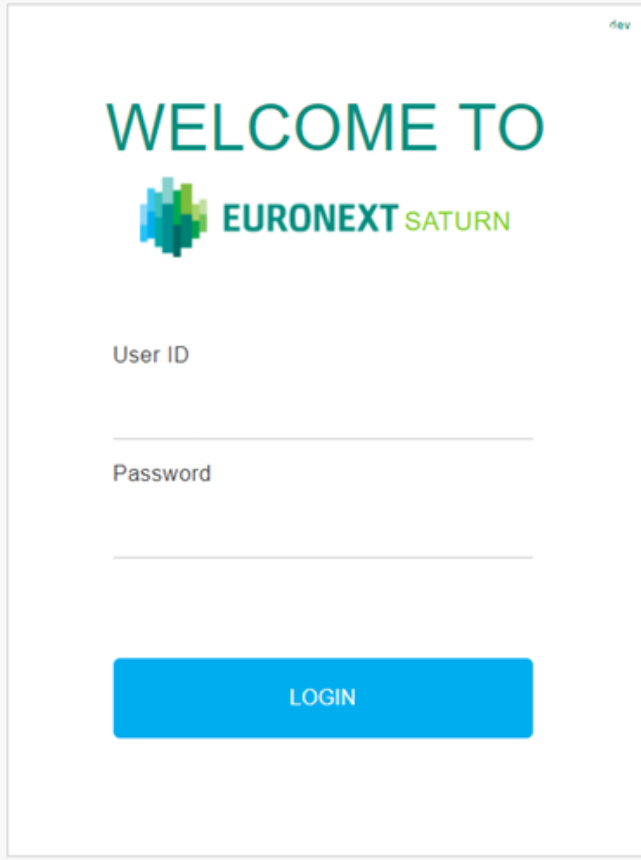
2.1 LOG-ON TO SATURN

For EUA <https://saturn-h.euronext.com/>

- For users that have an RSA SecurID® card set up for EUA:
Authentication by usual **User ID + code from RSA SecurID® card** OR **complex generic one-time password** sent to user via email.
- For users that do not have an RSA SecurID® card set up for EUA:
Authentication by usual **User ID + complex generic one-time password** sent to user via email.

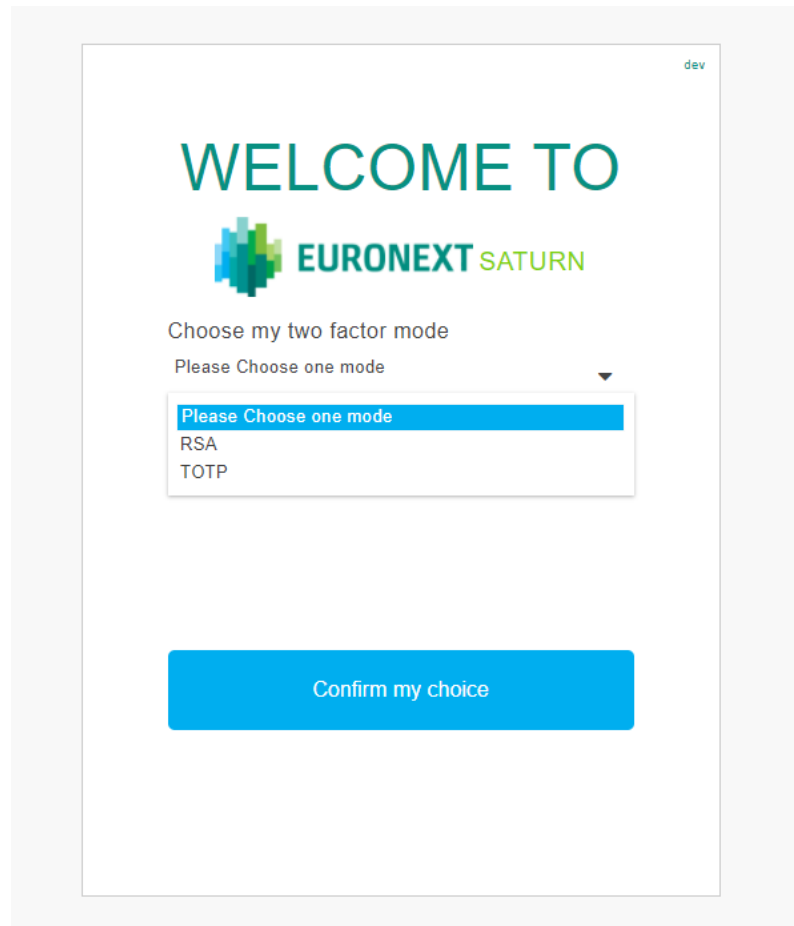
For PROD <https://saturn-p.euronext.com/>

- Authentication by usual **User ID + RSA Soft/Hard token**.



The image shows a login page for Euronext Saturn. At the top, it says "WELCOME TO" in large teal letters, followed by the Euronext Saturn logo (a green and blue grid) and "EURONEXT SATURN" in teal. Below this, there are two input fields: "User ID" and "Password". At the bottom, there is a blue button labeled "LOGIN".

2.2 CHOOSE 2FA METHOD: TOTP OR RSA*



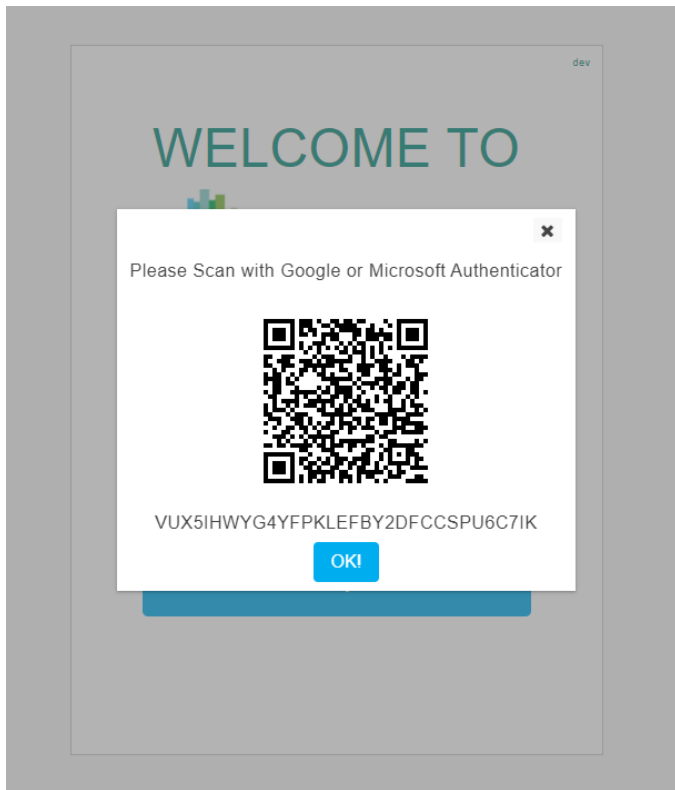
The screenshot shows a web interface for Euronext Saturn. At the top right, there is a small 'dev' label. The main heading is 'WELCOME TO' in large teal letters, followed by the Euronext Saturn logo, which consists of a colorful grid icon and the text 'EURONEXT SATURN'. Below the logo, the text 'Choose my two factor mode' is displayed. Underneath, there is a prompt 'Please Choose one mode' followed by a dropdown menu. The dropdown menu is open, showing three options: 'Please Choose one mode' (highlighted in blue), 'RSA', and 'TOTP'. At the bottom of the form, there is a large blue button with the text 'Confirm my choice'.

*As a reminder, there is a charge for the RSA SecurID® card service: €200 for each additional user if the member has more than two users.

2.2.1 IF TOTP SOLUTION CHOSEN FOR EUA AND PROD

Note: users first need to install the TOTP application on their devices (mobile telephones or computers). Please refer to section 1 of this document 'How to set up the TOTP Solution on devices.

- A QR Code will be generated with an additional Alphanumeric Code.



- If using a mobile phone, scan the QR Code with either the Google Authenticator or Microsoft Authenticator application.

Scan:



- If using a computer, copy and paste the Alphanumeric Code via the TOTP application to activate the TOTP code.

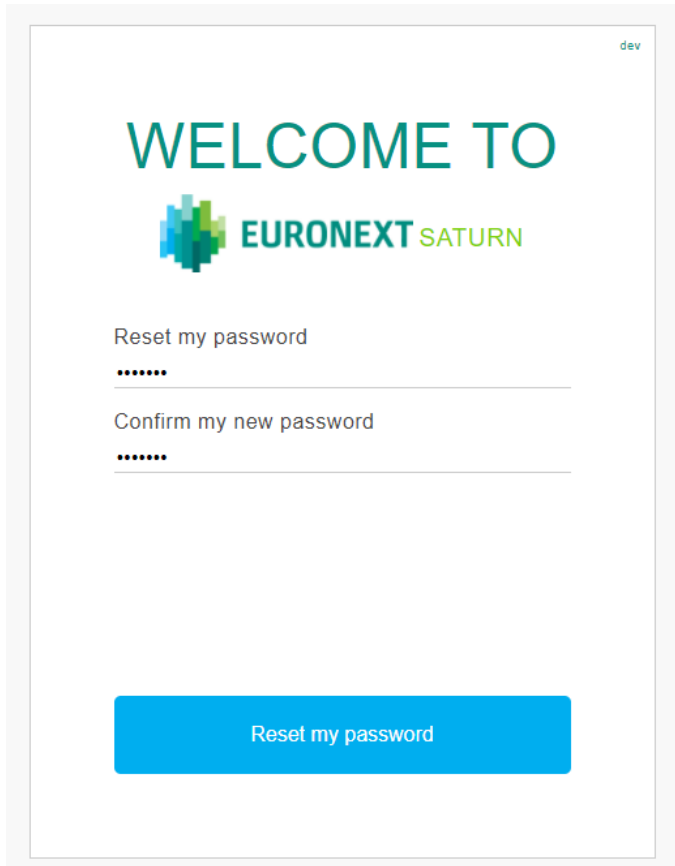
Copy/Paste Alphanumeric QR code:

VUX5IHWYG4YFPKLEFBY2DFCCSPU6C7IK

OK!

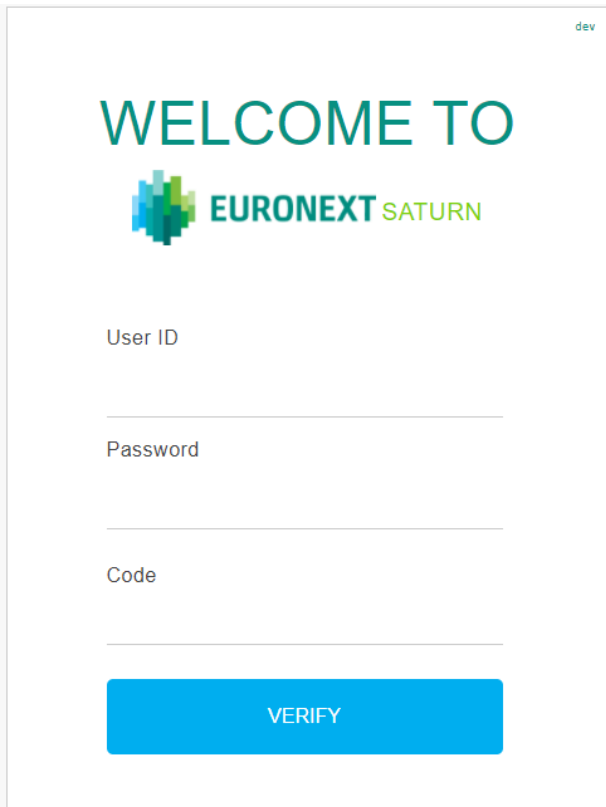
- The code will be generated in your TOTP application (Google Authenticator or Microsoft Authenticator) and updated every 30 seconds. This code will be used to log in to the Saturn Web GUI.

- Click **OK** after you scan the QR Code. A new window allowing user password reset will appear (this password is required for all future connections). Password should be at least 8 characters length, contain at least 1 Upper case, 1 lower case, 1 digit and 1 special character.




The screenshot shows a web interface for password reset. At the top right, there is a small 'dev' label. The main heading is 'WELCOME TO' in large teal letters, followed by the Euronext Saturn logo, which consists of a cluster of colored squares (blue, green, yellow) to the left of the text 'EURONEXT SATURN' in teal and green. Below the logo, there are two input fields. The first is labeled 'Reset my password' and contains six black dots. The second is labeled 'Confirm my new password' and also contains six black dots. At the bottom of the form is a large blue button with the text 'Reset my password' in white.

- After the password has been reset – check for the green OK on top of the screen – the user will have to either refresh the page or close the browser and connect again to the Saturn application GUI log-in screen.
- **Important** : Users must log in with their **User ID + Password (new reset password) + Code** (code from their TOTP application = 6 digits).
- Note : you can eventually have a two-screen login step.



dev

WELCOME TO



User ID

Password

Code

VERIFY

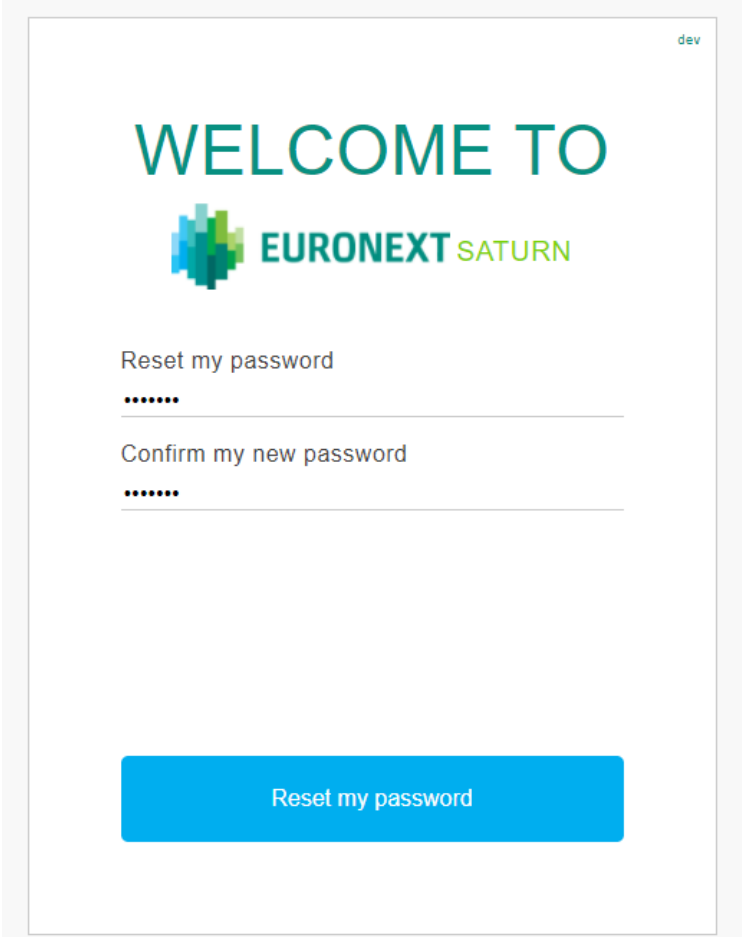
- For all future connections, users must log in with their **User ID + Password + Code** (code from TOTP application = 6 digits).

2.2.2 IF RSA SOLUTION CHOSEN FOR EUA AND PROD

(Note that this will be a temporary solution until the RSA token expires)

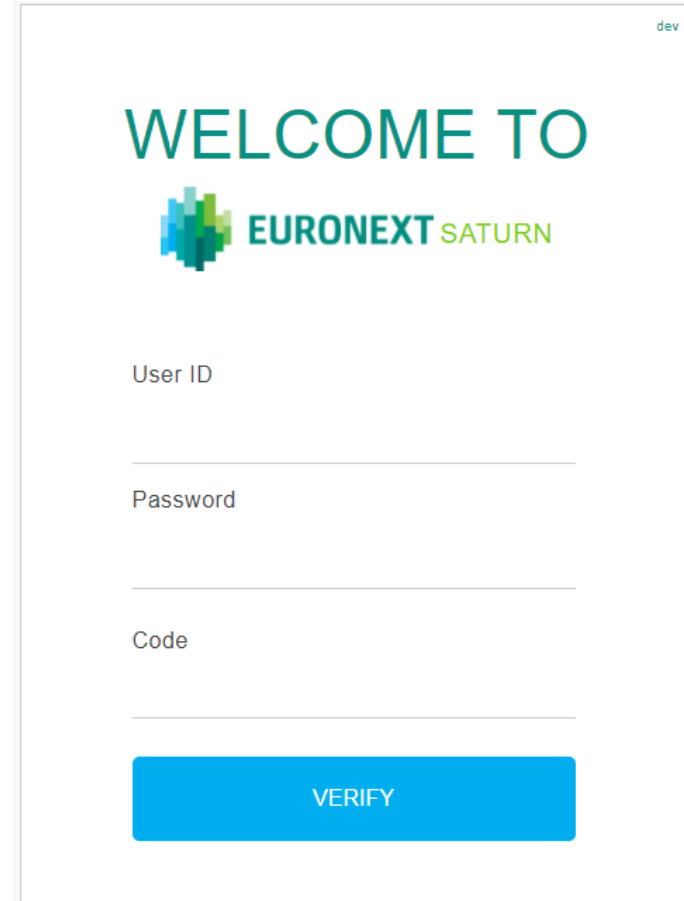
- Clients will be able to connect to Saturn Web Services with their RSA SecurID® card **until its expiry**. For your Information, after the card has expired, the user will not have access to Saturn Web Services therefore an Admin access owner or CAS team will need to reset their 2FA solution in order for the user to choose the TOTP solution.
- A new window allowing the user to reset their password will appear (this password is required for all future connections).

Password should be at least 8 characters length, contain at least 1 Upper case, 1 lower case, 1 digit and 1 special character.




The screenshot shows a web interface for resetting a password. At the top right, there is a small 'dev' label. The main heading is 'WELCOME TO' in large teal letters, followed by the Euronext Saturn logo, which consists of a colorful grid icon and the text 'EURONEXT SATURN' in teal and green. Below the logo, there are two input fields: 'Reset my password' and 'Confirm my new password', both with masked characters (dots). At the bottom, there is a prominent blue button labeled 'Reset my password'.

- After the password has been reset – check for the green OK on top of the screen – the user will have to either refresh the page or close the browser and connect again to Saturn application GUI log-in screen.
- User must log in with:
User ID + Password (new reset password) + **Code** (12-digit code = PIN + RSA SecurID® card code)
- Note : you can eventually have a two-screen login step.



dev

WELCOME TO



EURONEXT SATURN

User ID

Password

Code

VERIFY

- For all future connections, users must log in with their **User ID + Password + Code** (code from TOTP application = 6 digits).
- When the user decides to migrate to the TOTP solution, he/she must contact Euronext Customer Access Services (CAS) on cas@euronext.com to reset the user account (section 3) to allow the user to follow the steps from 2.2.1.

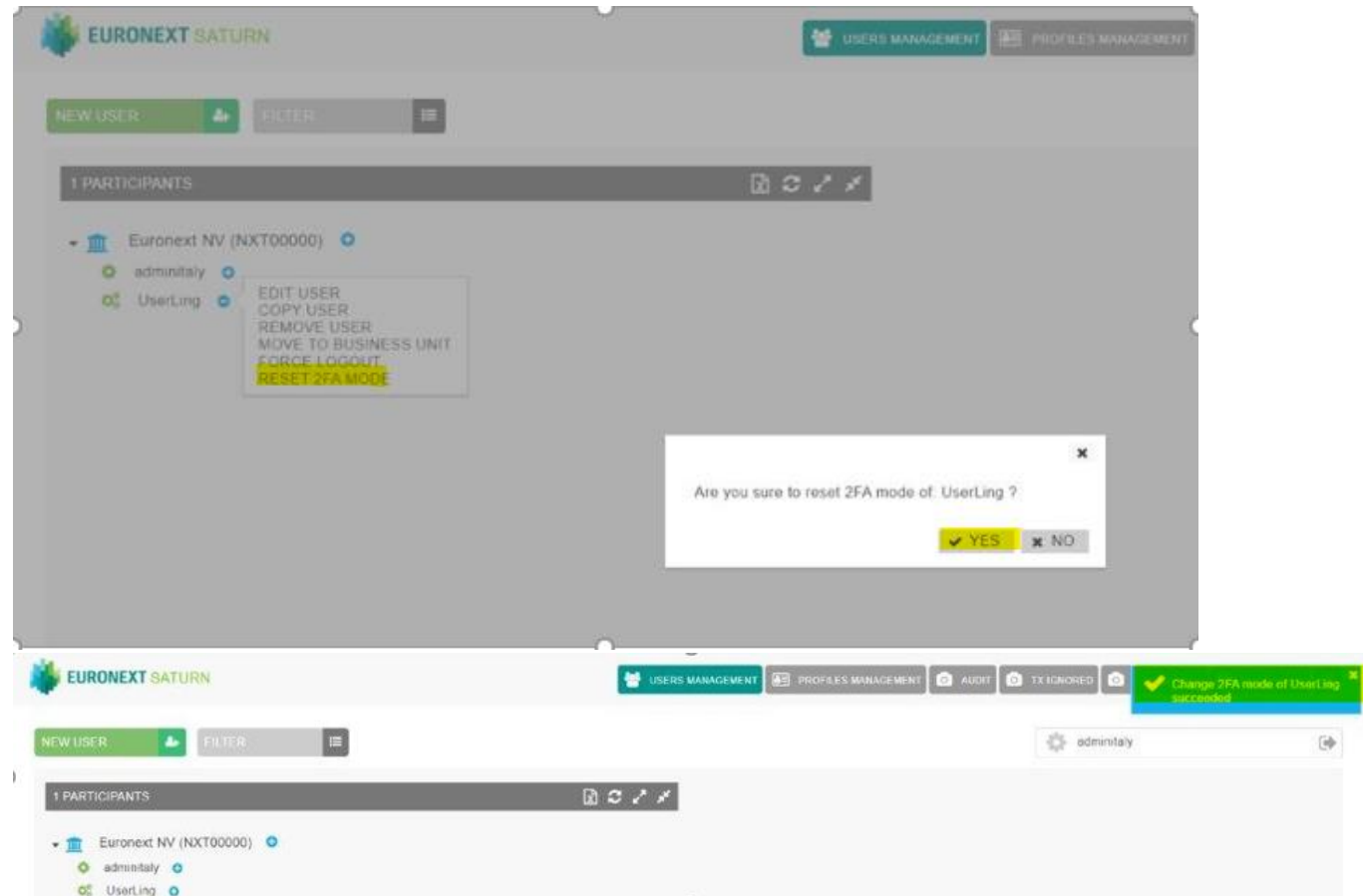
3. HOW TO CHANGE THE 2FA (TWO-FACTOR AUTHENTICATOR) METHOD

In case a user needs to change its 2FA from RSA to TOTP, the following steps must be followed:

1. Send a request to his/her Saturn Administrator (contact within their firm who has Admin rights).
2. If the Saturn Administrator is not available or the request is for the Saturn Administrator's own access, the user may contact Euronext Customer Access Services (CAS) on: cas@euronext.com, +33 1 85 14 85 89.

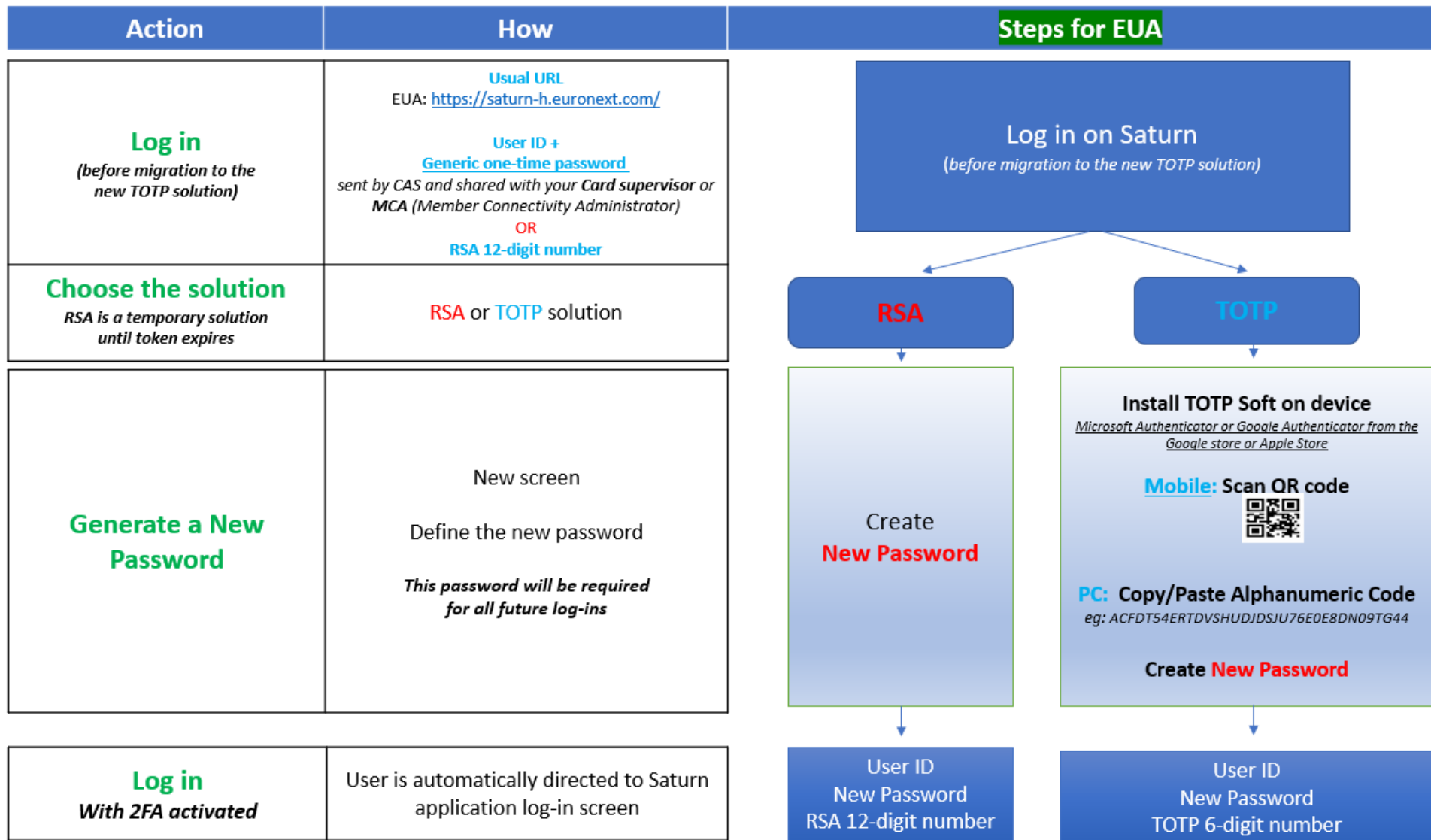
Procedure for Saturn Administrator to follow:

- Within the Saturn application, go to the Users Management screen.
- A context menu will allow you to reset the 2FA mode.
- The user will need to log in again and choose the TOTP solution. The user will then need to scan the QR code again and set a new password.



4. SUMMARY OF STEPS

STEPS FOR ACCESS IN EUA



STEPS FOR ACCESS IN PRODUCTION

