



FREJA eID

RELEASE NOTES

SEPTEMBER 2019

Passport onboarding available in the UK,
Finland and Denmark

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Freja eID Release notes

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FREJA eID RELEASE NOTES

These Release Notes describe all the changes made to the Freja eID systems from the previous release. They include:

- Changes from version 4.1.0 to 5.1.0 of the Freja eID mobile app.

Summary

- [Passport Onboarding Available in the UK, Denmark and Finland](#) – Freja eID users in these three countries can now add a passport to their account, using a phone that supports NFC. This will enable them to use Freja eID to prove their identity online and in a number of real-life situations.

Passport Onboarding Available in the UK, Denmark and Finland

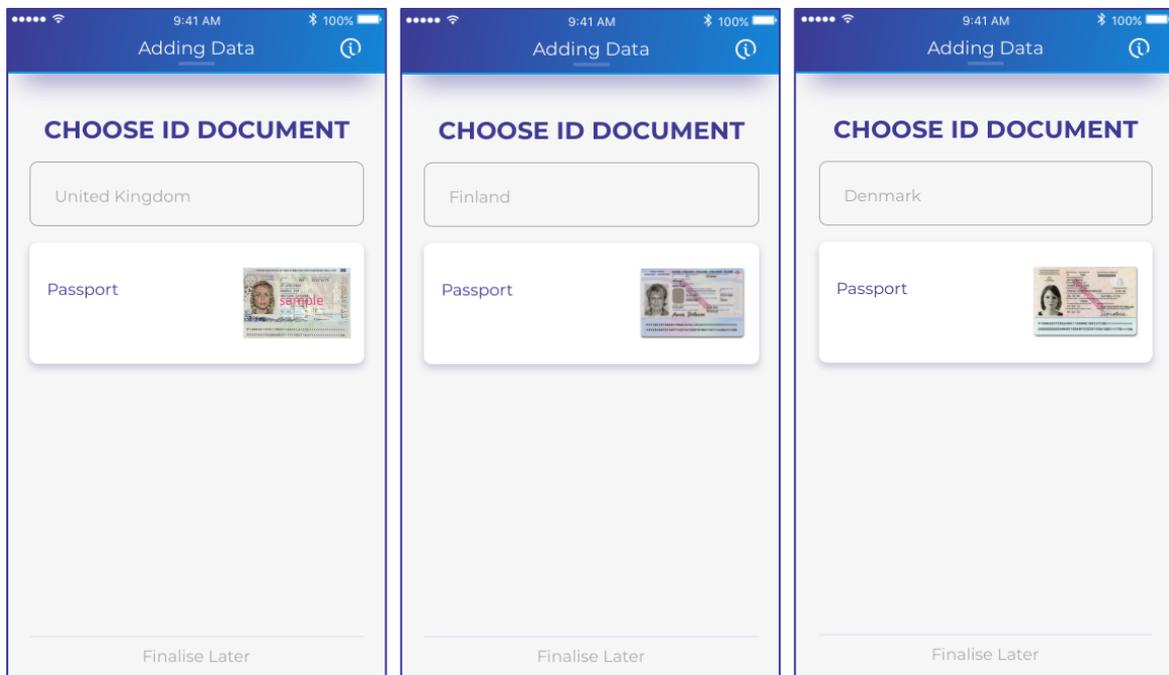
Freja eID users from the United Kingdom, Denmark and Finland can now access even more online services by adding an ID document to their Freja eID account. Once they add an ID document and its validity is verified, users will get a digital ID card inside their Freja eID app, containing their personal data i.e. their name, surname and picture. They can use this card in a number of online and real-life situations, such as peer-to-peer identification. (For more detailed information about this ID card, please refer to [Release Notes August 2019 - Mobile application v4.0.0.](#))

Currently, users from the UK, Finland and Denmark can only add their biometric passport, using a phone which supports NFC.

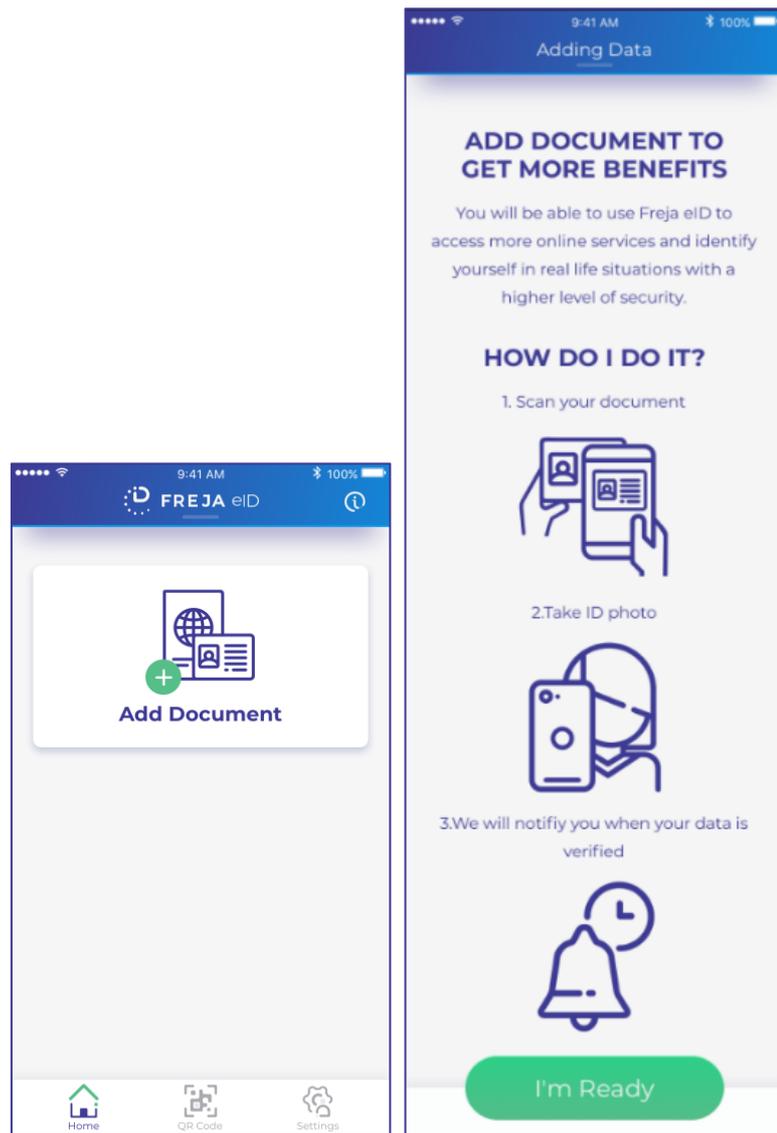
Procedure

The basic registration procedure is the same regardless of the chosen country: the user registers an email address and sets a PIN.

Once this part is successfully completed, the user is prompted to add a document of their choice. In this case, for the UK, Finland or Denmark only passport can be added.



The user can opt to finalise this process later, in which case the 'Add document' card will be shown on their home screen. Tap on the card initiates the process from the beginning.



When ready, the user needs to perform a three-step procedure to add an ID document: first they need to scan the photo page of their passport, then to allow the app to read the data from the passport (via NFC) and finally, to register their face.

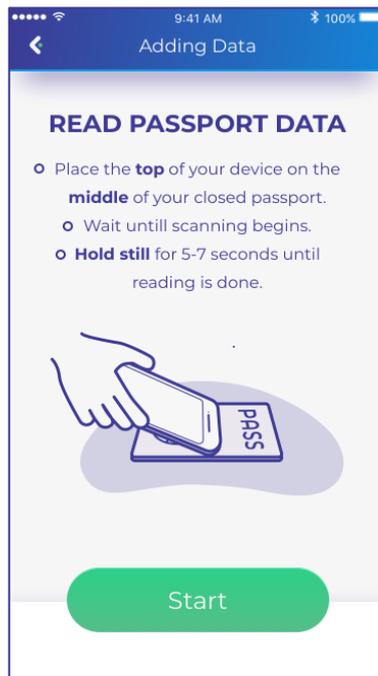
Step 1

In the first step, the user is prompted to open the photo page of their passport and scan it with the Freja eID app. The scan is done automatically (using OCR technology) when the user positions the page correctly inside the frame. It is important to fit the whole page into the frame since the data is scanned from the so-called machine readable zone at the bottom of the page. Also, the photo of this page is stored and used in the verification process.

Step 2

Next step is data reading from the passport. Instructions on how to do this differ depending on the platform and are explained both in content and animations:

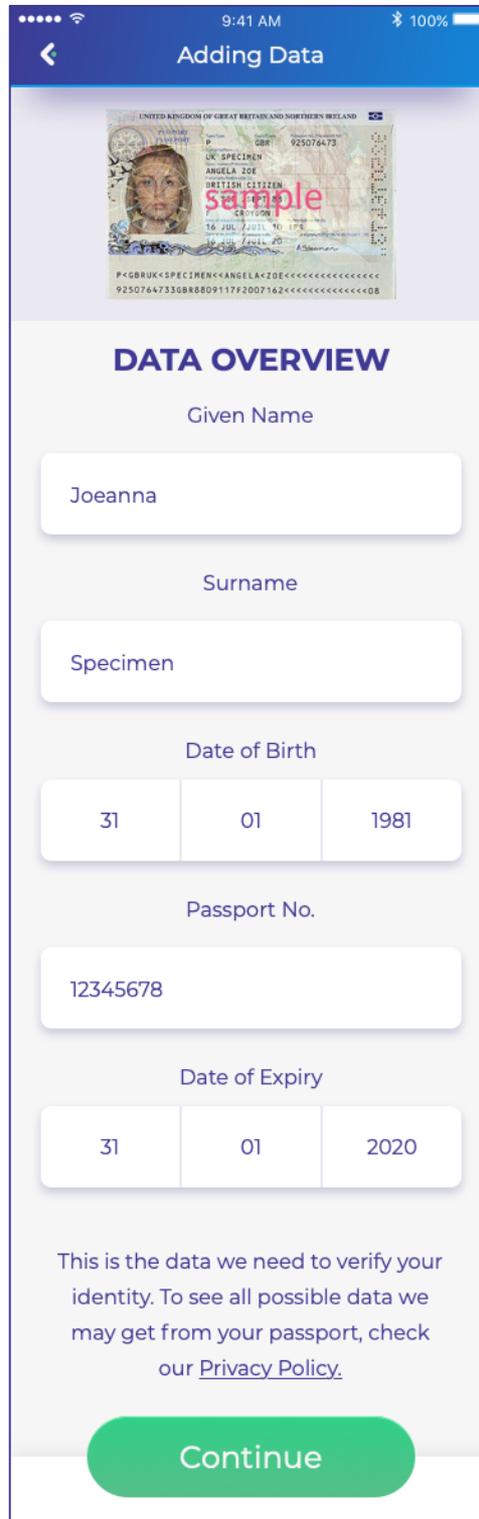
- An iPhone user should place the top of their device on the middle of the closed passport and wait for the scanning to begin.



- An Android user is instructed to place the device onto the closed passport and then to drag it down until the signal is caught.

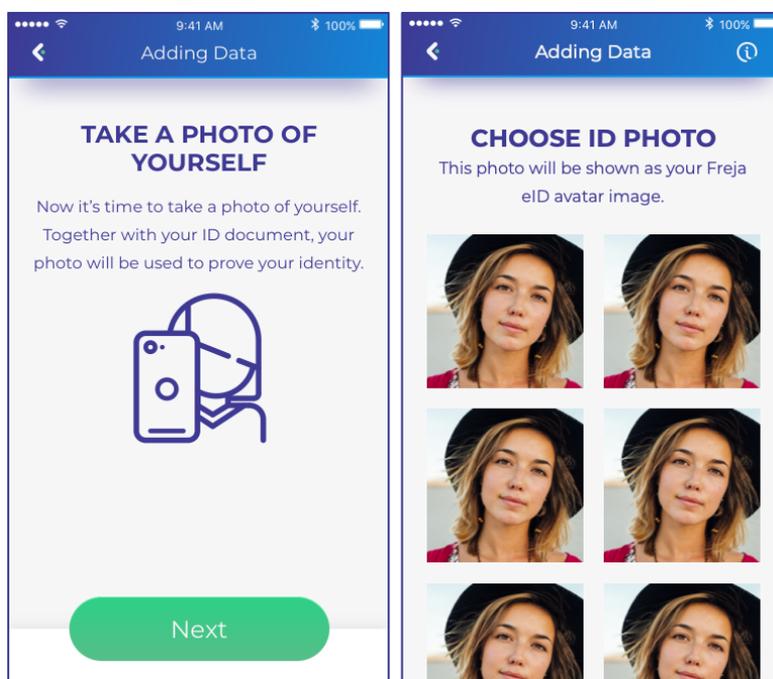


The end result is shown on the next screen – Data Overview – where the user can see which data is retrieved from their passport. This overview contains only the data necessary for us to verify user’s identity. The full list of retrieved data can be found in Freja eID Privacy Policy.



Step 3

In the final step, the user is prompted to perform a face registration and choose an avatar photo.



About NFC

The technology behind this new Freja eID feature includes a method of wireless data transfer called NFC (Near Field Communication). This method detects and then enables phones, tablets, laptops and other devices in close proximity to easily communicate with other NFC-equipped devices, without the need for an internet connection.

An NFC chip installed in biometric passports operates as one part of a wireless link. Once it's activated by another chip (in this case, the one from the mobile device), small amounts of data between the two chips can be transferred when held a few centimeters from each other.

However, the user must first identify themselves to the NFC chip from the passport in order to obtain access to its data. That is why the user first needs to scan the machine-readable zone from the passport with the OCR functionality or enter date of birth, document number and expiry date manually. This data is compared with the data from the passport and if they match, all other user information, such as name, surname, personal identity number, as well as the high-resolution image, can be retrieved from the passport.

ANY QUESTIONS?

If you have any questions regarding this release, please get in touch with your contact at Verisec or send an email to partnersupport@frejaeid.com. You can also find more useful information about Freja eID on our website www.frejaeid.com.