**TRACE4EU**

**KNOW YOYR CUSTOMER (KYC) TOOL**

**USE CASE**

**Instructions for Running the Demo**

**GOLDMAN SOLUTIONS & SERVICES**

This document provides Instructions on how to:

1. use the existing demo setup
2. setup a new environment using the developed modules

**Using the existing demo setup**

The existing demo setup is hosted on our azure server and is running the following **DEMO** modules:

1. KYC Web Wallet

<https://trace4eu.acgoldman.com:8001>

1. CBC (Central Bank of Cyprus) backend module

<https://trace4eu.acgoldman.com:7001>

1. EuroBank backend module

<https://trace4eu.acgoldman.com:7002>

1. EuroBank admin portal

<https://trace4eu.acgoldman.com:9002>

1. Hellenic Bank backend module

<https://trace4eu.acgoldman.com:7003>

1. Hellenic Bank admin portal

<https://trace4eu.acgoldman.com:9003>

1. Off-chain storage

<https://trace4eu.acgoldman.com:3000>

**User flow example:**

1. Visit the KYC web wallet url at <https://trace4eu.acgoldman.com:8001> and create a new wallet, if you don’t already have one.
2. My wallet tab allows you to see the generated DIDs and your private key. These are stored encrypted in your browser’s local storage.
3. Use the My Name tab to add your name.
4. Use the My Activity tab to see all activities you have performed with your KYC docs.
5. Use the Prepare KYC docs to select and **merge** a number of pdf files from your local disk into a single pdf file. The merged file will be used for upload to the off-chain storage.
6. Use the Upload KYC docs tab to upload a merged file from the previous step into off-chain storage. Your file is encrypted with a random key before uploading. You may select any pdf from your local disk. Once uploaded, you may return to My Activity and check the *encrypted Docs uploaded to off-chain* option
7. Use the Share My KYC docs tab to select an encrypted file from off-chain storage and a bank to share to. The bank will create a new TnT document using the encrypted file’s hash and grant to your wallet delegate and write access. Following this, your wallet will add a **KYC\_docs\_shared** event to the newly created doc. This process will take some time. Once shared, you may return to My Activity and check the *encrypted Docs shared to banks* option
8. Action from bank’s administrator is required.

The bank’s admin will need to view your docs and accept them by adding a **KYC\_docs\_verified** event to your TnT doc. Assuming you have shared your KYC docs to Eurobank go to Eurobank’s admin portal at <https://trace4eu.acgoldman.com:9002>

1. Login with admin@gmail.com password 123456
2. Go to “Pending Events” and select the most recent “**KYC\_docs\_shared**” event.
3. Choose “Get Enc Docs’ to decrypt and view the docs shared by the user
4. Choose “Add verified data’ to enter the user’s personal data extracted from the doc he has shared.
5. After inputing the user’s details, choose ‘proceed”. this will add a **KYC\_docs\_verified** event to the user’s TnT document.
6. Back ro KYC web wallet, go to My Activity tab and check the option *My verified data by Banks*
7. Use the Share My verified data tab to share your verified personal data to a different bank. This will add a **personal\_data\_shared** event to yout TnT doc. Following this you may check the *My personal data shared to other banks* option in My Activity tab
8. Action from the second bank’s admin is required

Assuming you have shared your verified personal data to Hellenic bank, go to Hellenic’s admin portal at <https://trace4eu.acgoldman.com:9003>

1. Login with admin@gmail.com password 123456
2. Go to “Pending Events” and select the most recent “**personal\_data\_shared**” event.
3. Choose “Personal data” to decrypt and view the user’s personal data that have been verified by Eurobank.
4. At this point, Hellenic bank may choose to trust the verified personal data submitted by Eurobank and mark the request as completed. Alternatively, Hellenic bank may choose to request the customer to also share his KYC docs. The user will then have to repeat step 7 but choose Hellenic bank to share his docs, instead of Eurobank. This will add a new “KYC\_docs\_shared” event to the customer’s existing TnT doc (a new TnT docs will not be created). Hellenic bank will then be able to download and decrypt the user’s KYC docs.