

SSI Demo - give a try

Instructions for using the CINECA SSI demo

Disclaimer: this is a technical demonstrator which does not cover all possible flows and may also be occasionally down for upgrades.

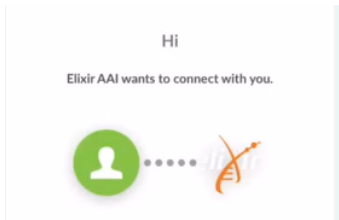
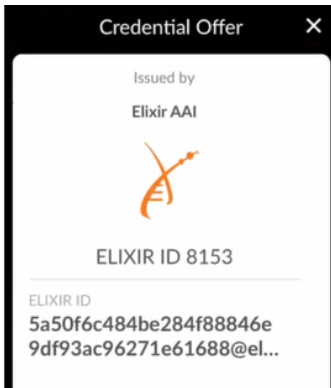
See [a recorded screencast video](#) of the demo.

Prerequisites

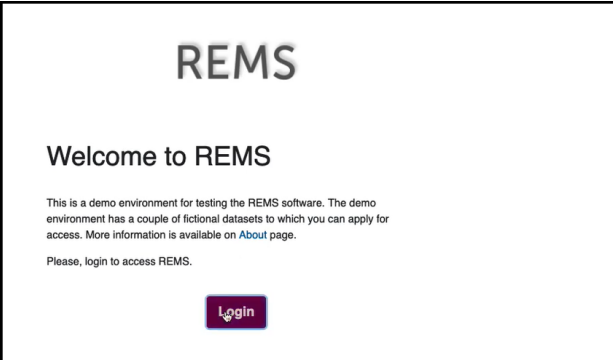
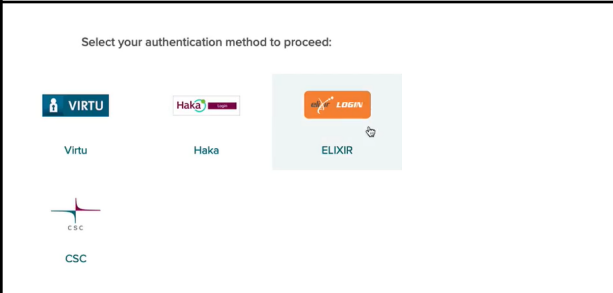
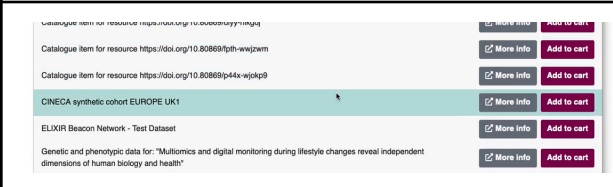
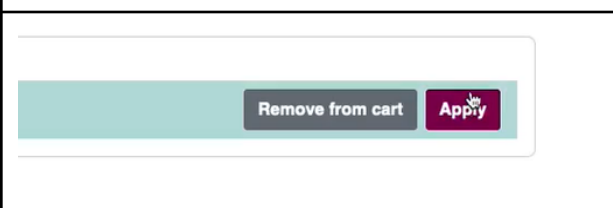
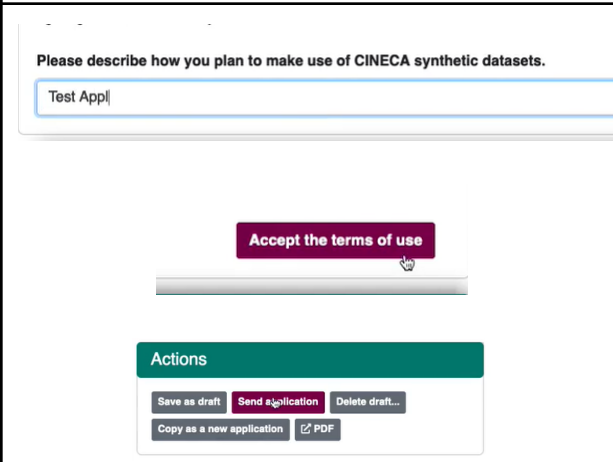
1. Register an ELIXIR ID here: <https://elixir-europe.org/register> (if you don't have one)
2. Register to ELIXIR AAI test environment here:
https://perun.elixir-czech.cz/fed/registrar/?vo=elixir_test
 - a. SSI Demo is not a production service. You need to opt in as a test user
3. Install Evernym's Connect.me app in your smartphone from the appstore ([IOS](#), [Android](#))

1. Write ELIXIR ID to the wallet as a verifiable credential

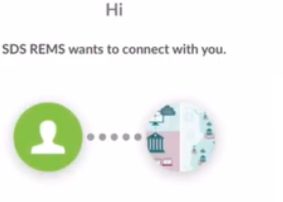
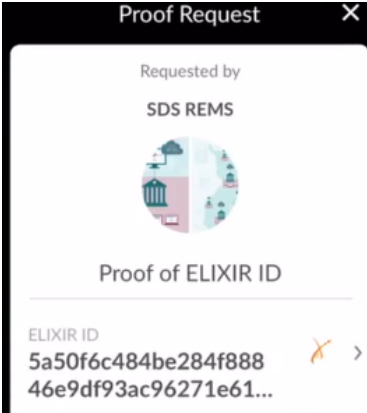
What you are supposed to do	What you are supposed to see
Browse to https://kyc-ssi-dev-coop.rahtiapp.fi/ Click "Continue"	Verifiable Credential Issuer BfP3k36PH97rPBJ2FcoVz2 for ELIXIR ID CSC Sensitive Data Services DEMO for passing your ELIXIR ID as a Verifiable Credential to your Connect.Me wallet application. Prerequisites 1. Install Connect.Me application to your mobile phone either from Apple or Google store. 2. Initialise Connect.Me application to use Sovrin Staging as ledger. 3. You need to have ELIXIR ID and Test VO enabled. 1. Register ELIXIR ID. 2. Enable Test VO for your ELIXIR ID. Continue
Click ELIXIR Login to log in with your ELIXIR ID	AUTHENTICATION Select your authentication method to proceed:  
Log in using your your ELIXIR ID	 Choose how to log in use your previous selection CSC - IT Center for Science Ltd. or Sign in using another institute or account

Click “Continue” to enter a test service	 Warning - Entering a test service You are entering a service that is in the test environment of ELIXIR AAI. The test environment is for service developers to test their relying service's AAI integration before requesting to move them to the ELIXIR AAI production environment. The test environment is not intended for common users. You are able to access the service because you have opted in as a test user. You need to refresh your registration every 30 days. Continue
Confirm the release of your personal data	 Consent about releasing personal information to service SDS Test AAI Privacy policy for the service SDS Test AAI ☒ ELIXIR ID 370fa94ddfd5cac7906dde14164545c54a908ec92@elixir-europe.org
Open Connect.me and scan the QR code from the browser. Click “Continue” in your browser.	Download ELIXIR ID to your wallet application 1. Scan the QR Code with your Connect.Me application. 2. Press "Continue" on this web page. 3. Press "Connect" in your Connect.Me application. 4. Accept credential in your Connect.Me application. 
Accept ELIXIR AAI connection in Connect.me app by clicking “Connect”	
Accept ELIXIR AAI's credential offer in Connect.me app by clicking “Accept credential”. This stores your ELIXIR ID as a verifiable credential in your wallet.	

2. Apply for access rights to a dataset in REMS

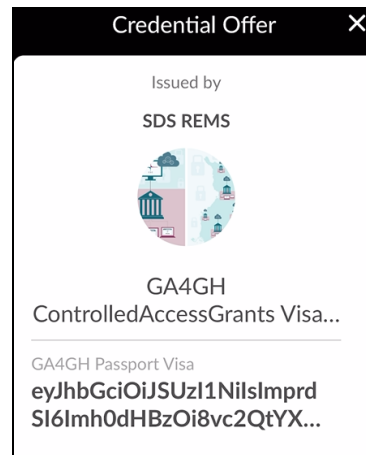
Browse to https://sd-apply.csc.fi/ Click “Login”	 The REMS (Research Environment for Metadata and Synthetic Data) interface shows a welcome message and a login button. The text indicates it's a demo environment for testing the REMS software, with fictional datasets available for access. A login button is prominently displayed.
Select “ELIXIR login”. Log in using ELIXIR AAI as above.	 The user is prompted to select an authentication method. Options include VIRTU, Haka, and ELIXIR. The ELIXIR option is highlighted, indicating it is the selected method for login.
Add “CINECA synthetic cohort EUROPE UK1” from the catalogue to cart.	 The dataset catalogue displays various resources. The “CINECA synthetic cohort EUROPE UK1” dataset is highlighted, and the “Add to cart” button is visible next to it.
Click Apply	 The “Apply” button is visible, indicating the user is ready to submit their application for access to the selected dataset.
Provide short reasoning. Accept the terms of use. Then Send the application. You can observe your application is approved automatically. A data access permission is issued for you.	 The application form includes a text area for “Please describe how you plan to make use of CINECA synthetic datasets.” and a checkbox for “Accept the terms of use.”. Below the form, the “Send application” button is visible, indicating the user is ready to submit their application. The “Actions” section shows options like “Save as draft”, “Send application”, “Delete draft...”, “Copy as a new application”, and “PDF”.

3. Download the data access permissions to your wallet

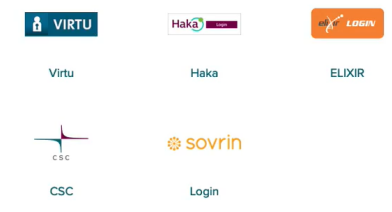
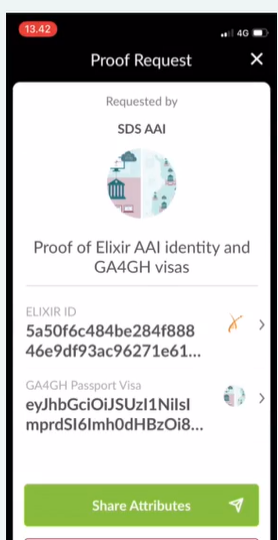
Browse to https://rems-ssi-dev-coop.rahtiapp.fi/ Click “Continue”	Download GA4GH Visa from REMS in your wallet CSC Sensitive Data Services DEMO that fetches your GA4GH Passport visa from REMS and passes it as a Verifiable Credential to your Connect.Me wallet application Prerequisites 1. Connect.Me wallet application containing your ELIXIR ID verifiable credential issued by BfP3k36PH97rPBj2FcoVz2.
Open Connect.me and scan the QR code from the browser. Click “Continue” in your browser.	Download GA4GH Visa in your wallet 1. Scan the QR Code with your Connect.Me application. 2. Press "Continue" on this web page. 3. Press "Connect" in your Connect.Me application. 4. Press "Share attributes" in Connect.Me application to share your ELIXIR ID. 5. Accept credential(s) in your Connect.Me application. 
Accept SDS REMS connection in Connect.me app by clicking “Connect”	
Click “Share attributes” in your Connect.me app to share your ELIXIR ID with SDS REMS	

Accept SDS REMS's credential offer in Connect.me app by clicking "Accept credential".

This stores your data access permissions as a verifiable credential in your wallet.



4. Use wallet to log in and present visas

Browse to https://service-ssi-dev-coop.rahtiapp.fi Select “Sovrin” as the authentication method.	Select your authentication method to proceed: 
Open Connect.me and scan the QR code from the browser. Click “Continue” in your browser.	CSC Sensitive Data Services platform Sovrin Demo Authentication 1. Scan the QR Code with your Connect.Me application. 2. Press Continue on this web page. 3. Press Connect/Deny in your Connect.Me application. 4. Respond as requested in your Connect.Me application. 
Click “Share attributes” in your Connect.me app to share your ELIXIR ID and data access permissions with SDS AAI. You can also select a particular attribute value to share.	
The demo service echos your ELIXIR ID and data access permissions in your browser.	Sensitive Service CSC Sensitive Data Services DEMO representing service requiring GA4GH Visa from user. Wellcome 5a50f6c484be284f88846e9df93ac96271e61688@elixir-europe.org. Authorization as ga4gh visa:{"iss":"https://sd-apply.csc.fi/", "sub":"5a50f6c484be284f88846e9df93ac96271e61688@elixir-europe.org", "iat":1634726436, "exp":1666262436, "ga4gh_visa_v1": {"type":"ControlledAccessGrants", "value":"EGAD00001006673", "source":"https://sd-apply.csc.fi/", "by":"dac", "asserted":1634720343}}.