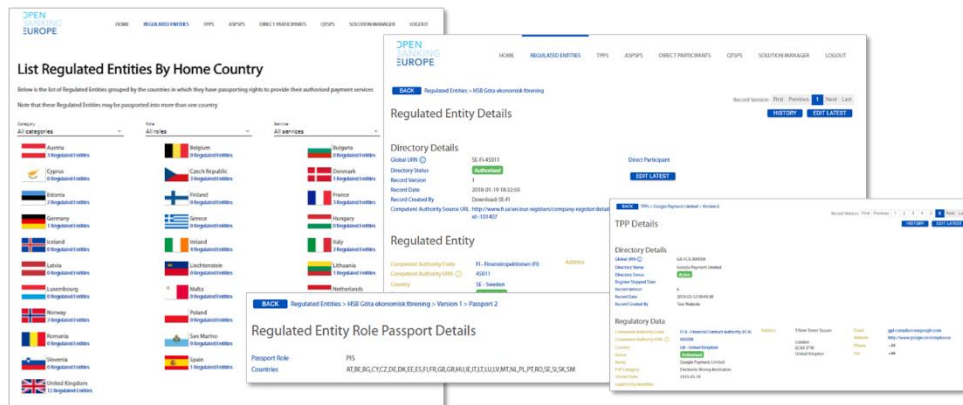


The PRETA Open Banking Europe Directory

PRETA's Open Banking Europe Directory provides a single & compliant source of standardised information about active Regulated Entities that can perform Access To Account (XS2A) services in Europe.



Why Has The Directory Been Created?

Under PSD2, Account Servicing Payment Services Providers (ASPSPs) are obliged to allow Payment Service Providers (PSPs) with the appropriate payment services authorisations to access their customer accounts and to prevent access to any organisation without these authorisations.

Any failure to properly authenticate these PSPs will risk unauthorised transactions or unauthorised data sharing and later claims under PSD2, or the General Data Protection Regulation (GDPR).

So, how will this authentication take place? The common understanding is that ASPSPs will use:



For identification, i.e. understanding whether a party is actually the party they claim to be.



For authorisation, i.e. understanding whether a party is regulated and what they are authorised to do.

How Does The Directory Support PSD2 XS2A?

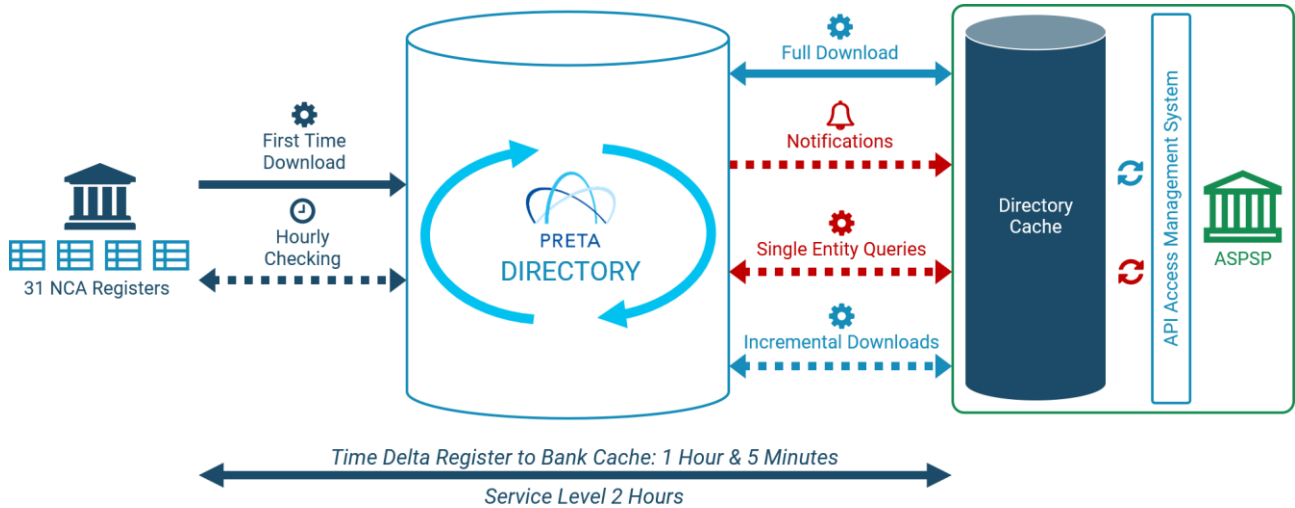
The Directory provides a [single, standardised reference point](#) for ASPSPs and Third Party Providers (TPPs). ASPSPs can use it to accurately identify which TPPs are authorised to access their interfaces, and TPPs can use it to locate the ASPSP interfaces that they need to use to access the ASPSP's customer accounts.

All of the information available in the Directory can be easily accessed either by using the [secure, browser-based Graphical User Interface \(GUI\)](#) or by downloading using [the Directory's Application Programming Interface \(API\)](#), giving ASPSPs and TPPs access to the latest XS2A information, whenever they need it.

How Does The Directory Work?

Regulatory Data

ASPSPs can download a cache of the Directory’s Regulatory Data straight into their local systems using the Directory’s Application Programming Interface (API) or view the data in its’ Graphical User Interface (GUI):



First Time Register Downloads: There are 31 National Competent Authority Registers, containing 4000 to 6000 Regulated Entities in total. As soon as a new Register becomes available, the Directory will access it and download its data, in accordance with an agreed ‘Register Specification’ document to standardise and format the data.

Hourly Register Checking: After the initial download, the Directory checks every Register once an hour by default for any changes to the Regulatory Data. Those changes are then integrated into the Directory.

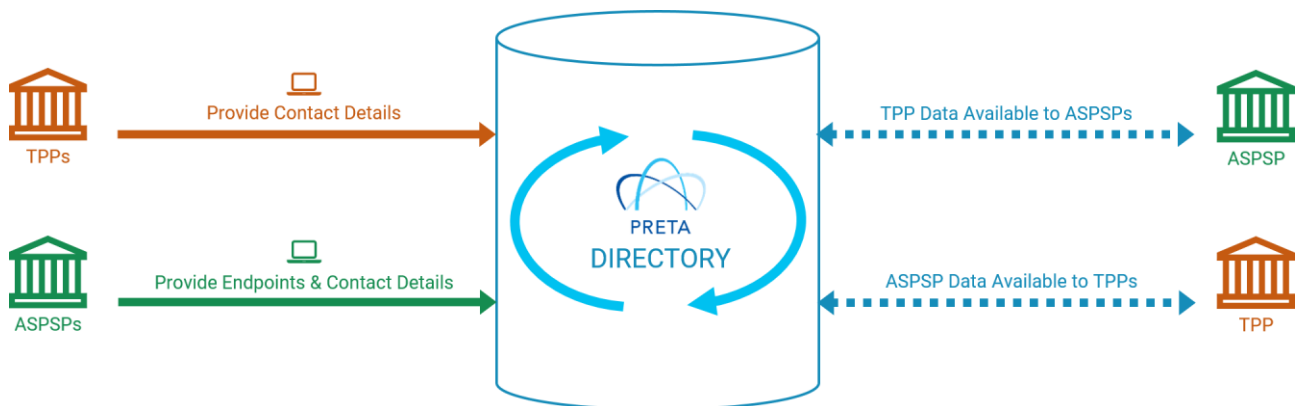
Full Directory Downloads: ASPSPs can download a full cache of the Directory’s Regulatory Data. Once this cache is in place, ASPSPs can use queries and incremental downloads to keep the cache up-to-date.

Single Entity Queries: If critical data changes, the Directory automatically sends a notification, so that ASPSPs can download the change.

Incremental Directory Downloads: For non-critical data changes, ASPSPs should periodically refresh their local cache. PRETA recommends that Directory Users refresh the data each day at end-of-day.

Operational Data

The Directory also contains information about ASPSPs that can be used by TPPs to find the endpoints and help offered by ASPSPs and information about TPPs that can be used by ASPSPs to interact with TPPs.



ASPSP Operational Data: ASPSPs can add details about their brands or service centres into the Directory, including any API endpoints and contact details. TPPs can then retrieve this information.

TPP Operational Data: TPPs can add details about their applications or brands into the Directory, including any contact details. ASPSPs can then retrieve this information.

What Are The Directory's Benefits?



Verify the Regulatory Access Rights of TPPs

ASPSPs can access and download the latest Regulatory Data available in the Directory, extracted from the 31 National Competent Authority Registers across Europe.



View & Retrieve TPP Operational Data

ASPSPs can use Directory to find the TPP contact details that they need by application or brand, in order to notify them of changes, or to contact them in case of incidents.



View & Retrieve ASPSP Operational Data

TPPs can use the Directory to find the ASPSP endpoints that they need to access customer accounts, as well as contact details, not only for each bank, but for each brand and service.

When Will The Directory Be Released?

The test version of the Directory is available now and provides access to the Directory's currently available Regulatory Data, notifications and live support, as well as onboarding, training, and testing.

The live version of the Directory will be available from January 2019 and provide consolidated access to all the available Regulatory Data in Europe, with further functional enhancements to the test version's features.

What Technical Features Are Available In The Directory?

The Directory includes the following features:



Regulatory Data API

Securely download all of the Directory's available Regulatory Data into your own local cache.



Browser-Based Interface

Use the GUI to search, filter, and view the Directory's Regulatory and Operational Data.



Real-Time Notifications

Be notified as soon as critical Regulatory Data changes, so you can update your local cache.



Versioning & Audit Logs

Easily compare, monitor, and track the historical Regulated Entity, ASPSP, and TPP Data changes.



ASPSP Operational Data

Access the Directory's ASPSP Data if you are a TPP user, for the latest endpoints and contacts.



TPP Operational Data

Access the Directory's TPP Data if you are an ASPSP user, for the latest support contacts.



Dual User Verification

Ensure that any changes to your Directory data are checked by another user before implementation.



Reporting

Run reports to review data downloads, record changes and user actions within your organisation.

What Operational Features Does The Directory Have?

The following operational features are in place to support the Directory:



Live Support

The Directory has a live Helpdesk available during working hours, to answer your queries.



Business Continuity

The Directory adopts high levels of security, with robust backup and recovery measures.



Performance

The Directory will be scaled up to efficiently manage any usage and data volume increases.



Availability

The Directory is available 24/7¹, so Directory Users can access the data whenever they need it.

¹ Excluding any downtime for essential maintenance, which will be communicated to Directory Users in advance

What Are The Directory's Service Levels?

	Service Level
Incremental Register Checking	Once an hour, between 06:00 to 20:00 CET, Monday to Friday, or as defined by the 'Register Specification'
Data Update Availability ¹	Within 2 hours
Number of Concurrent Full Downloads	10
OBE Helpdesk Working Hours ²	09:00 to 18:00 CET, Monday to Friday
OBE Helpdesk Ticket Response Times ³	Within 24 hours
OBE Directory Service Incident Logging ³	Within 30 minutes of the incident being identified
OBE Directory Service Incident Participant Notification ³	Within 1 hour of the incident being identified
OBE Directory Service Incident Actions Initiated ³	Within 24 hours of the incident being identified

¹ Assuming that the Data is available in the Register between 06:00 to 20:00 CET, Monday to Friday

² The OBE Helpdesk is closed on Saturdays, Sundays, and on the following public holidays in all participating countries: 01 January, Good Friday and Easter Monday (according to the calendar used by Western Christianity), 01 May, 25 December and 26 December

³ Within normal OBE Helpdesk working hours

What Are The Directory's Usage Limits?

	Recommendation	Limit
Full Directory Download	Once	12 times a year
Incremental Directory Download	Once a day	When notified + twice a day
Single Directory Query	When notified	When notified + 10 times a day
Searching, Listing & Viewing Information	As required	No limit applied
Adding, Editing & Deleting Information	As required	No limit applied

What Are The Directory's Licensing & Access Options?

There are two types of participant who can access the Directory:



Licensees must be Regulated Entities and acquire their License from PRETA. They will access the Directory through a Directory Distributor, who will either be themselves or registered third party.



Directory Distributors are typically Banking Groups or Service Providers that manage data for multiple entities. They can purchase their specific package from PRETA and access the Directory on behalf of Licensees to whom they provide services, including themselves.

What Will I Receive If I Join The Directory Today?

Once you have confirmed your requirements and signed your Directory contract with PRETA, you will receive:

- ✓ A **Directory License**, to share the Directory between you and your subsidiaries.
- ✓ **Connection to the Directory**, including API and GUI access, notifications, and support.
- ✓ **Onboarding Support**, with a testing program and training to get you started with the Directory.

Where Can I Find Out More?

To learn more about PRETA Open Banking Europe Directory, talk to PRETA today or visit our website:



<https://www.openbankingeurope.eu/>