Registration of Reference Data

Certification of Algorithms and Registration of Client IDs via the Upload Function

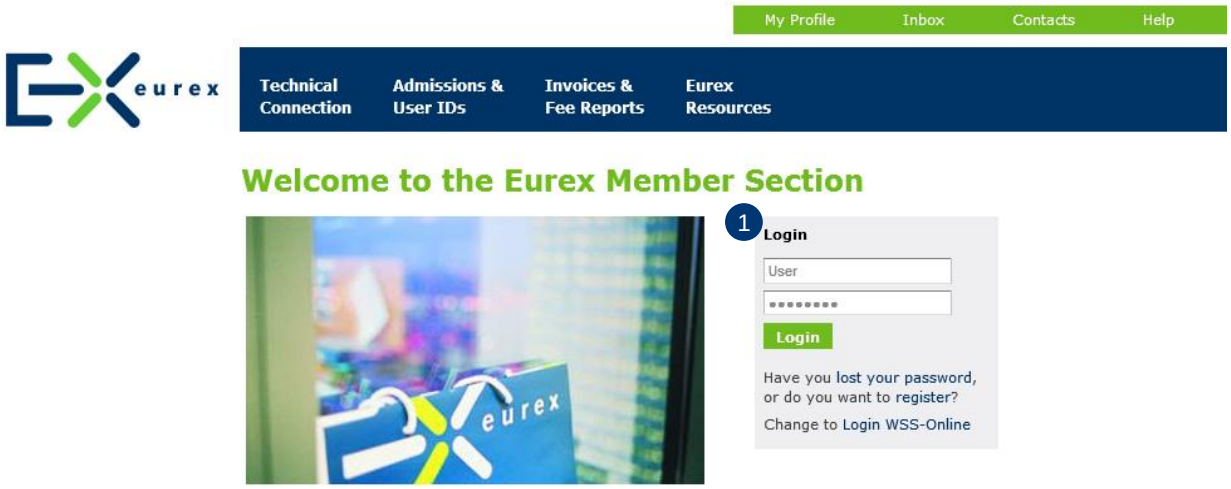
September 2017

Agenda

- General Login and My Profile Check
- Create Technical User under Download Agent
- Upload Information
- File Template
- Login as technical user for upload
- Upload File
- Messages / File Content

1.1 Welcome to the Member Section

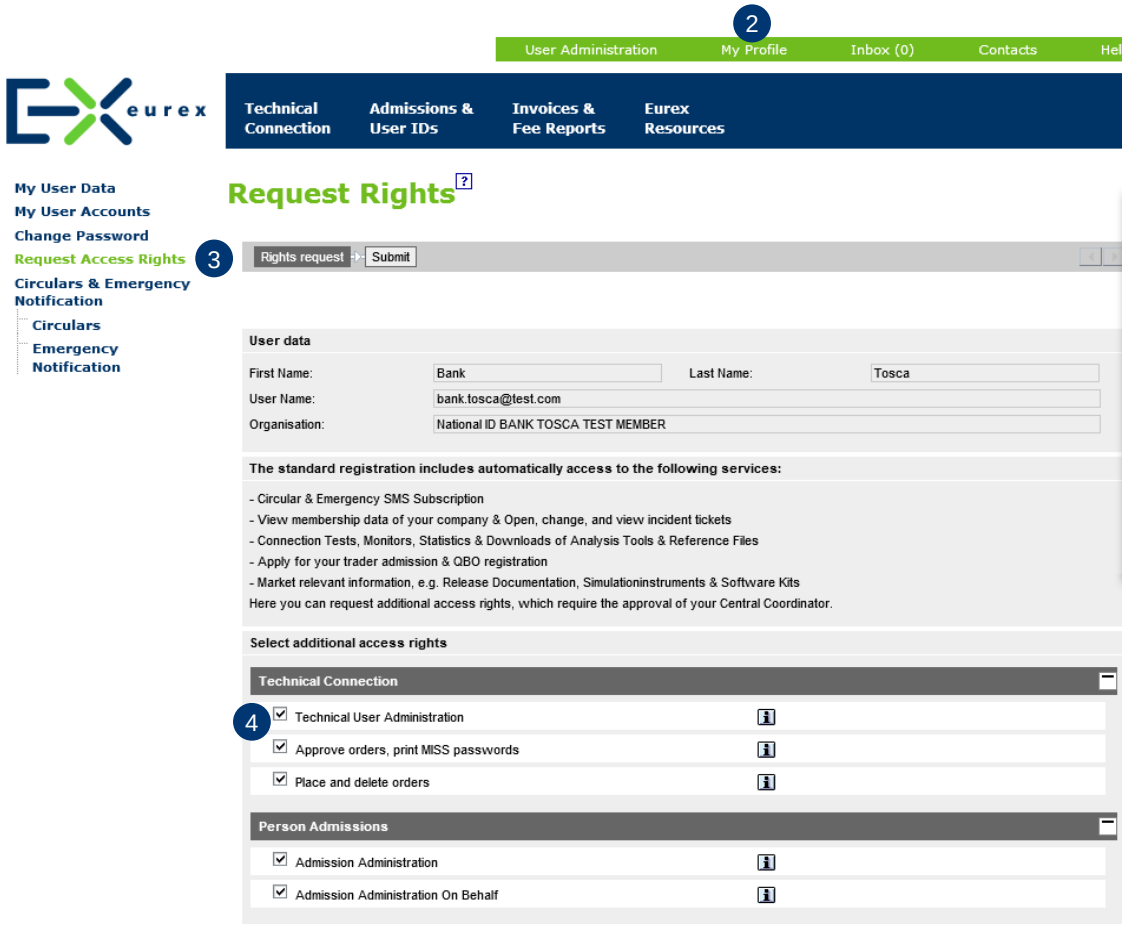
Login to the Member Section



1. The Central Coordinator has to login to the Member Section

1.2 Check the permission profile

Navigate to ‘My Profile’



2. Click on *‘My Profile’*

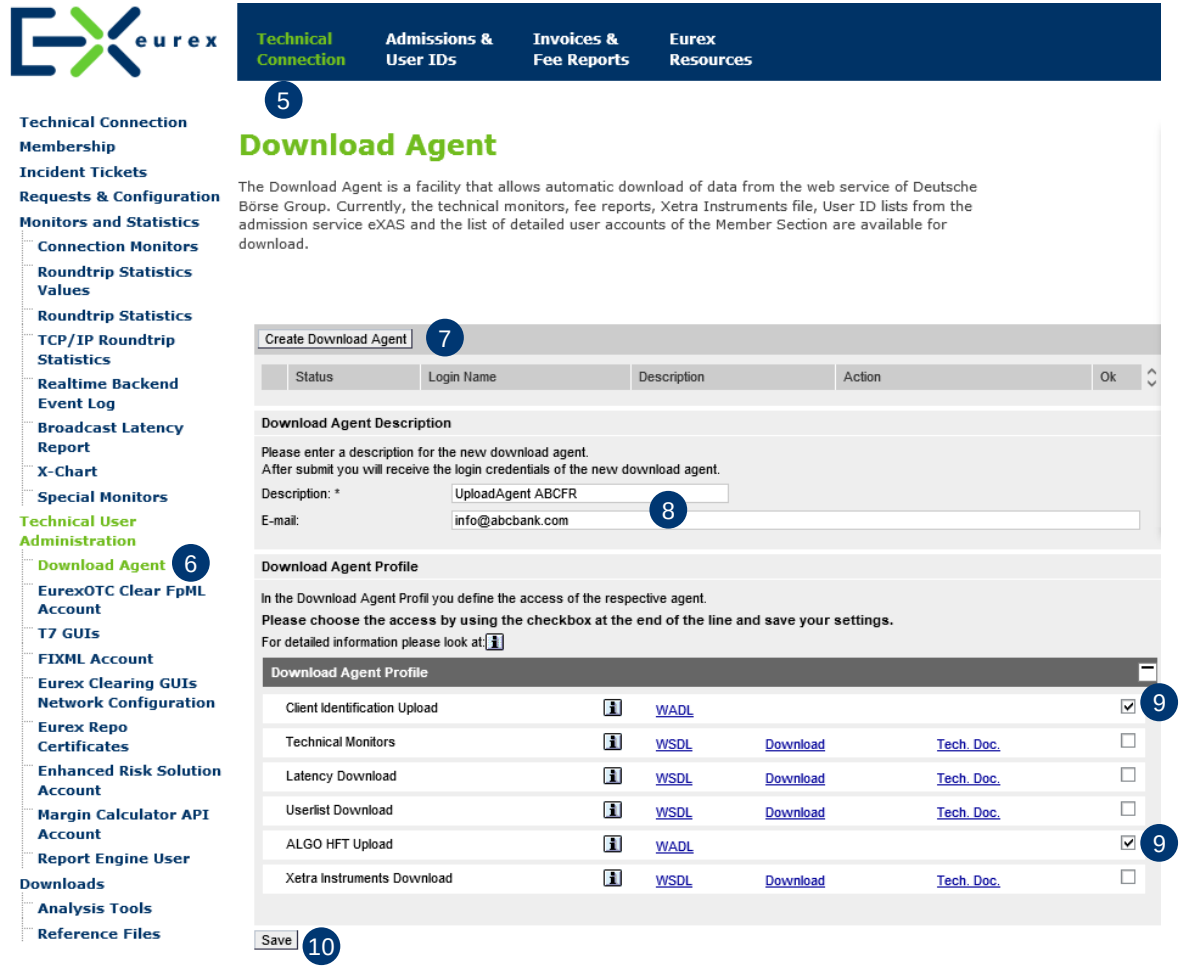
3. Click on *‘Request Access Rights’*

4. Check if the permission box ‘*Technical User Administration*’ is ticked

If not, place a check mark next to the permission and click ‘Submit’

1.3 Create the Download Agent

Navigate to ‘Download Agent’



5. Click on *‘Technical Connection’* on the top navigation bar

6. Click on *‘Download Agent’* on the left navigation. It will be visible to persons with the permission only

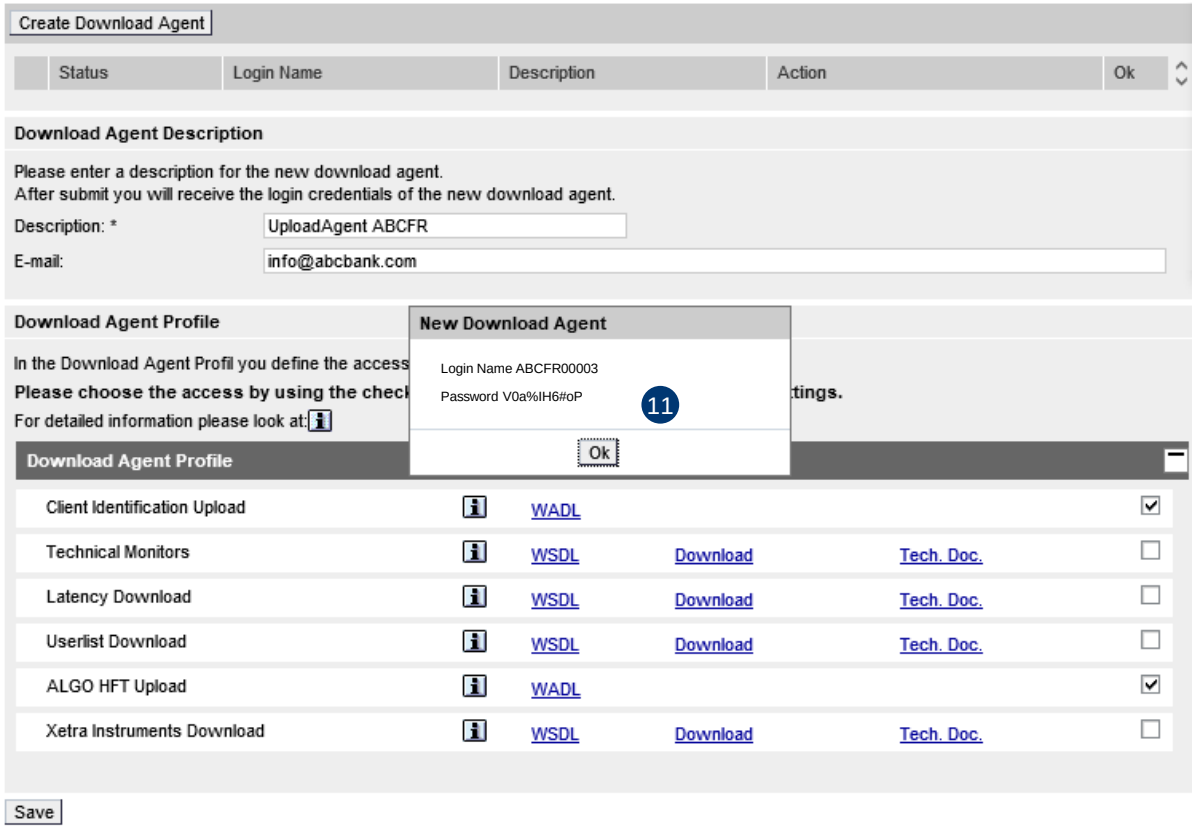
7. Click on ‘*Create Download Agent’*

8. Enter the description (we recommend using the agent profile name and Member ID) and the e-mail address

9. Choose the desired Agent Profile, by placing a check mark

10. Save the changes

1.3 Create the Download Agent



11. You will now receive the username and password for the Agent. Please save this information

2.1 File format, specification and limitations

- The file should be Comma Separated Values (CSV) format with UTF-8-Encoding for uploading either Algo ID or Client ID
- The file must be less than 100 MB in size
  - Files larger than 100 MB in should be split into smaller files (each less than 100 MB in size)

Only the technical user for the specific market (XEUR), is uploading the respective data for the market (XEUR) into the Member Section

Known Limitations

- The data should be separated by commas (see slide 11 & 12)
- Eurex will start with a limited amount of parallel uploads per minute to protect the systems. In case the upload capacity is exceeded, you will receive an error message. We kindly ask you to try again shortly afterwards
- Currently no validation is processed on the content of uploaded Algo certification files
- Trading Participants should firstly upload all the applicable IDs so that the full ID portfolio is available at the exchange
- Afterwards, on a daily basis, a delta file should be uploaded, which adds new IDs to the ID portfolio and removes IDs that are not required any more
- The sample files on slide 8 & 9 are intended for illustration only

2.2 Specification Table with examples

Client Identification Upload

Mandatory	Field name	Field length	Field type	Valid Values	Example Content
Yes	ParticipantID	5 char	Uppercase letters	*List of participant IDs*	ABCFR
Yes	MIC	4 char	Alphanumeric	*MIC according to ISO 10383*	XEUR
Yes	Status Indicator	1 char	Uppercase letter	N (for new) M (for modification) D (for deletion)	N
Yes	Valid from date	10 char	Alphanumeric	Date format	2017-09-18
Yes	Short Code ID	8 bytes	Numeric	0 to 18,446,744,073,709,551,614*	9876
No	ClassificationRule	1 char	Uppercase letter	L (for LEI) N (for National ID) empty	N
Conditional	National ID Country Code	2 char	Capital alpha values	Country code according to ISO 3166-1 alpha 2	CZ
Conditional	National ID Priority	1 char	Numeric	1 2 3	2
Yes	Client long value	Max 35 char	Alphanumeric	[0…9] [A…Z] [a…z] [#]	65765433

See website for copy of sample file: Reference Data_Initial and Reference Data_Delta

*Please note the predefined Short Code IDs:
0 – No client for this order
1 – Aggregated order flag “AGGR”
2 – Pending allocations flag “PNAL”

2.3 Specification Table with examples

ALGO HFT Upload

Field name	Field length	Field type	Valid values	Example content
Upload Date	10 char	Alphanumeric	Date format YYYY-MM-DD	2017-09-15
Valid From	10 char	Alphanumeric	Date format YYYY-MM-DD	2017-11-21
AlgoID	8 bytes	Numeric	0 to 18, 446, 744,073,709,551,614	123456789012345
ResponsibleID	Max 80 char	Alphanumeric	Email addresses	info@testbank.com

See website for copy of sample file: Algo ID

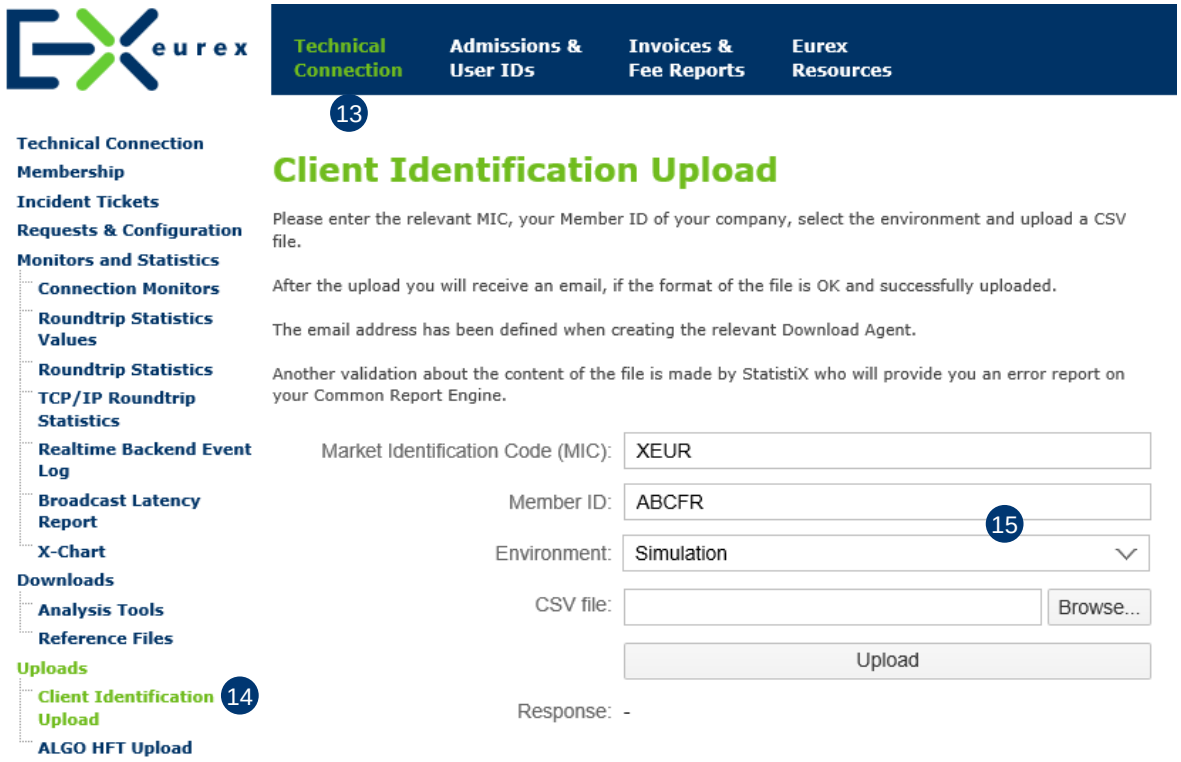
3.1 Welcome to the Member Section

Login to the Member Section

12. Please login to the Member Section with the Download Agent credentials

3.2 Upload File

Client Identification Upload



13. Click on *'Technical Connection'*

14. Click on *'Uploads'* than click on *'Client Identification Upload'*

15. Please enter the relevant information and upload the Client Identification data

Example for Client Identification Upload:

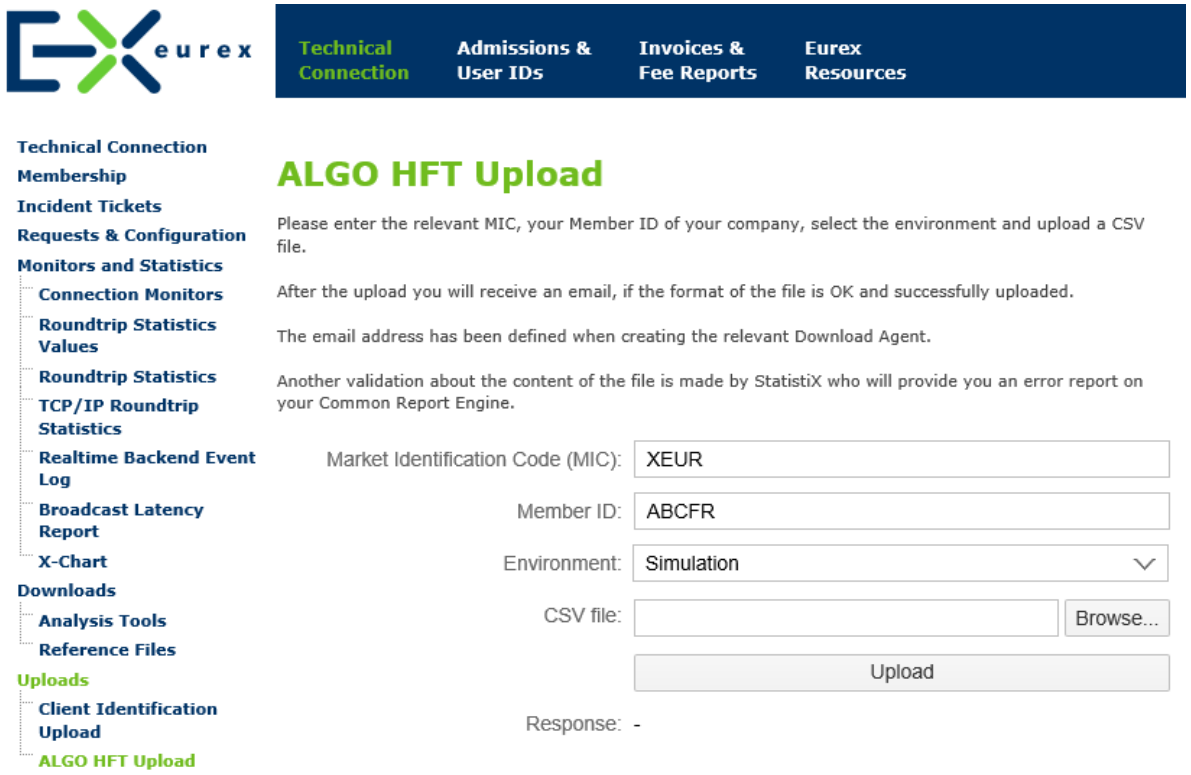
ParticipantID,MIC,StatusIndicator,Validfromdate,ShortcodeID,Classificationrule,NationalIDCountryCode,NationalIDpriority,Clientlongvalue

ABCFR,XEUR,N,2017-06-27,9876,N,CZ,2,65765433

ABCFR,XEUR,N,2017-06-27,1234,N,DE,1,19900401JOHN#DOE##

3.3 Upload File

ALGO HFT Upload



16. The procedure for the ALGO HFT Upload is the same

Example for Client Identification Upload:

UploadDate,ValidFrom,AlgoID,ResponsibleID

2017-09-18,2017-09-18,12345678,john.brown@abcbank.com

4 Upload Result / Webservice

From: **FILEUPLOAD@DEUTSCHE-BOERSE.COM** [mailto:FILEUPLOAD@DEUTSCHE-BOERSE.COM]
Sent: Wednesday, 13. September 2017 12:36
To: **Email Customer Receipient** <info@abcbank.com
Subject: File successfully uploaded

The file has been uploaded successfully at 13.09.2017 12:35:31

Service: Client Identification Upload XEUR

Market: XEUR

MemberID: ABCFR

Environment: S

17. Once the file has been uploaded, the Download Agent will receive a confirmation via email

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