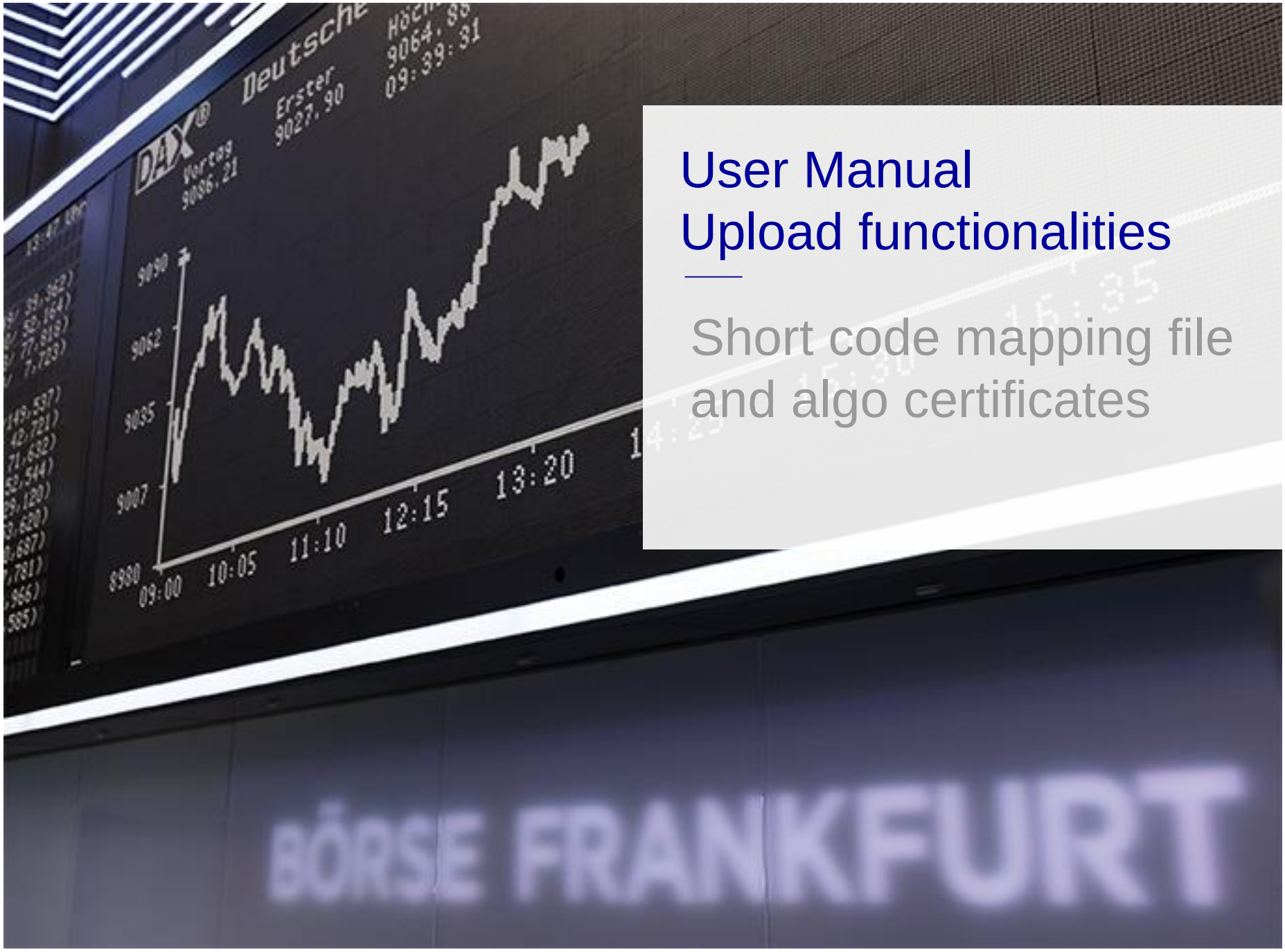


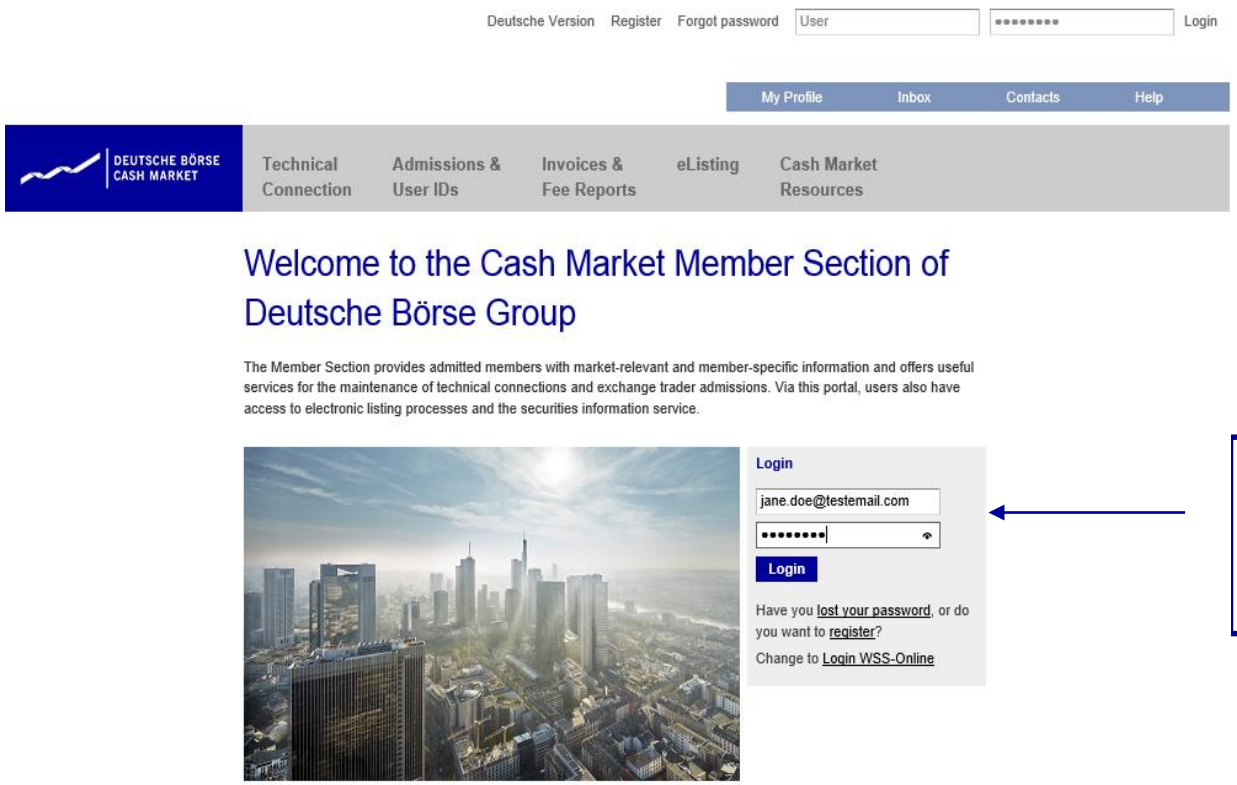
User Manual
Upload functionalities

Short code mapping file and algo certificates

1. General login and my profile check
2. Create technical user under download agent
3. Login as technical user for upload
4. Upload file
5. File template
6. Upload file – format and limitations

1. Welcome to the Member Portal

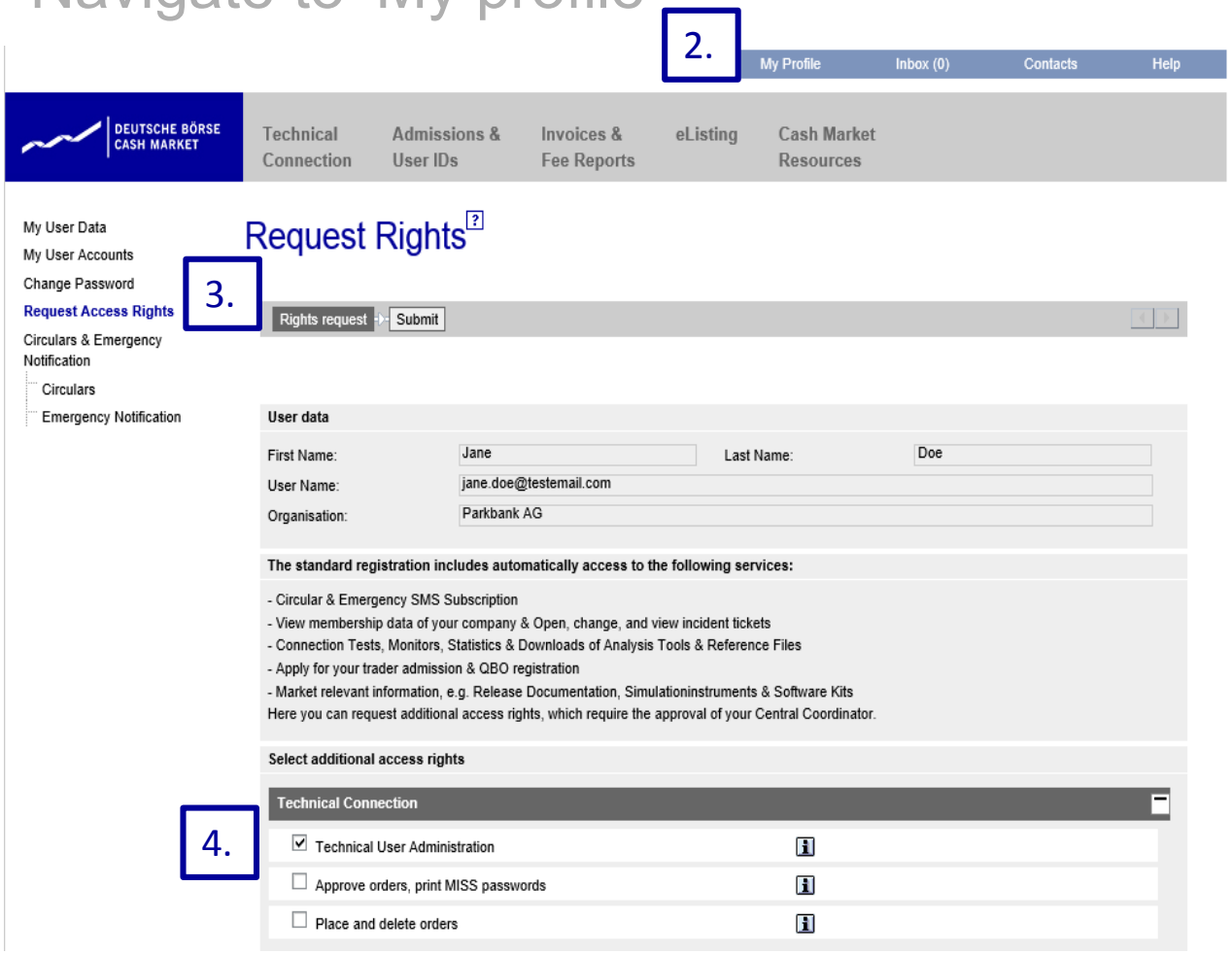
Login to the Member Portal



1. Central Coordinator has to login to the Member Section

1. Check the permission profile

Navigate to ‘My profile’



2. Click on *‘My profile’*

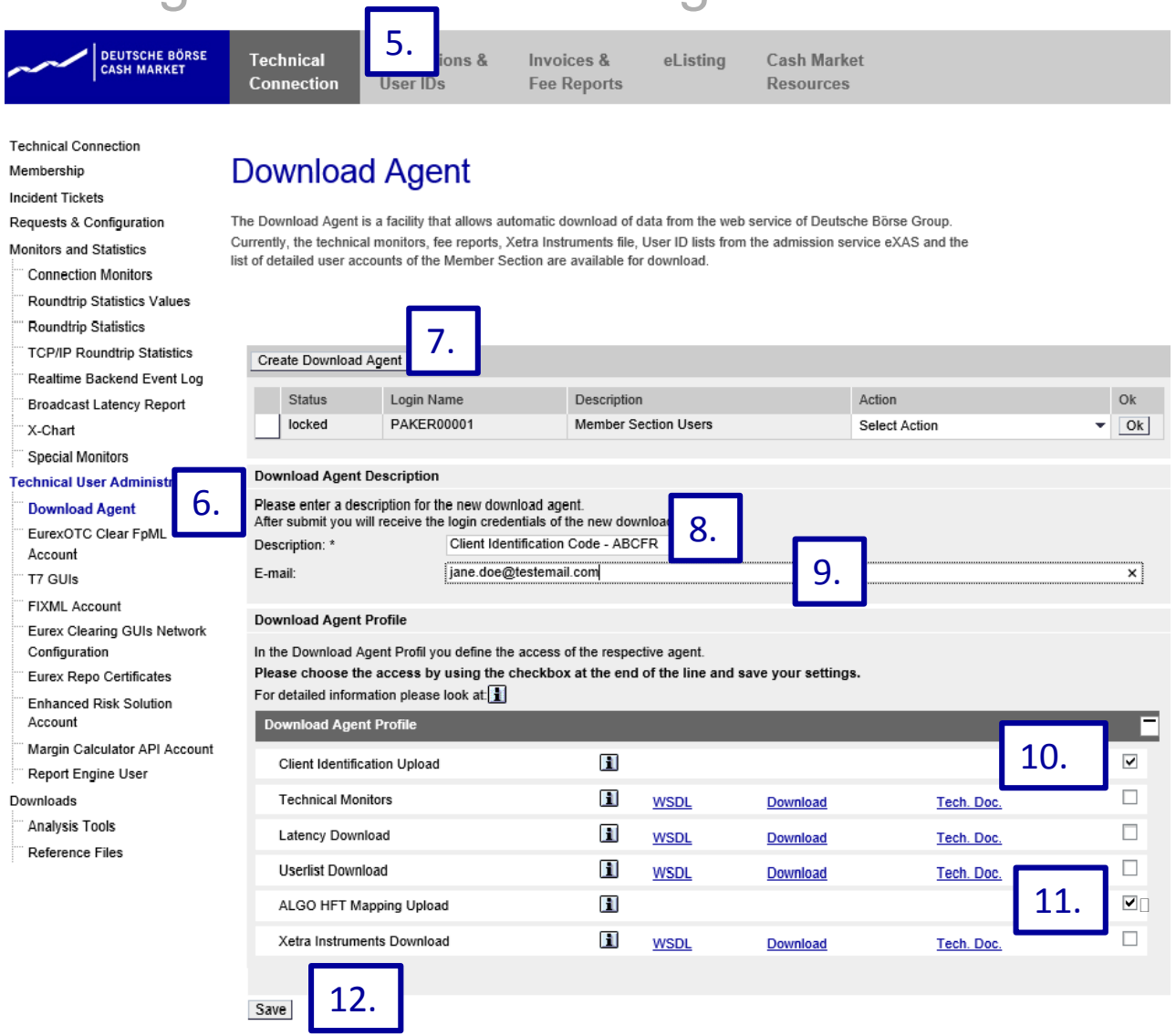
3. Click on *‘Request Access Rights’*

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

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

2. Create the Download Agent

Navigate to ‘Download Agent’



5. Click on ‘*Technical Connection*’

6. Click on ‘*Download Agent*’. This will be visible to persons with the respective permission only

7. Click on ‘*Create Download Agent’*

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

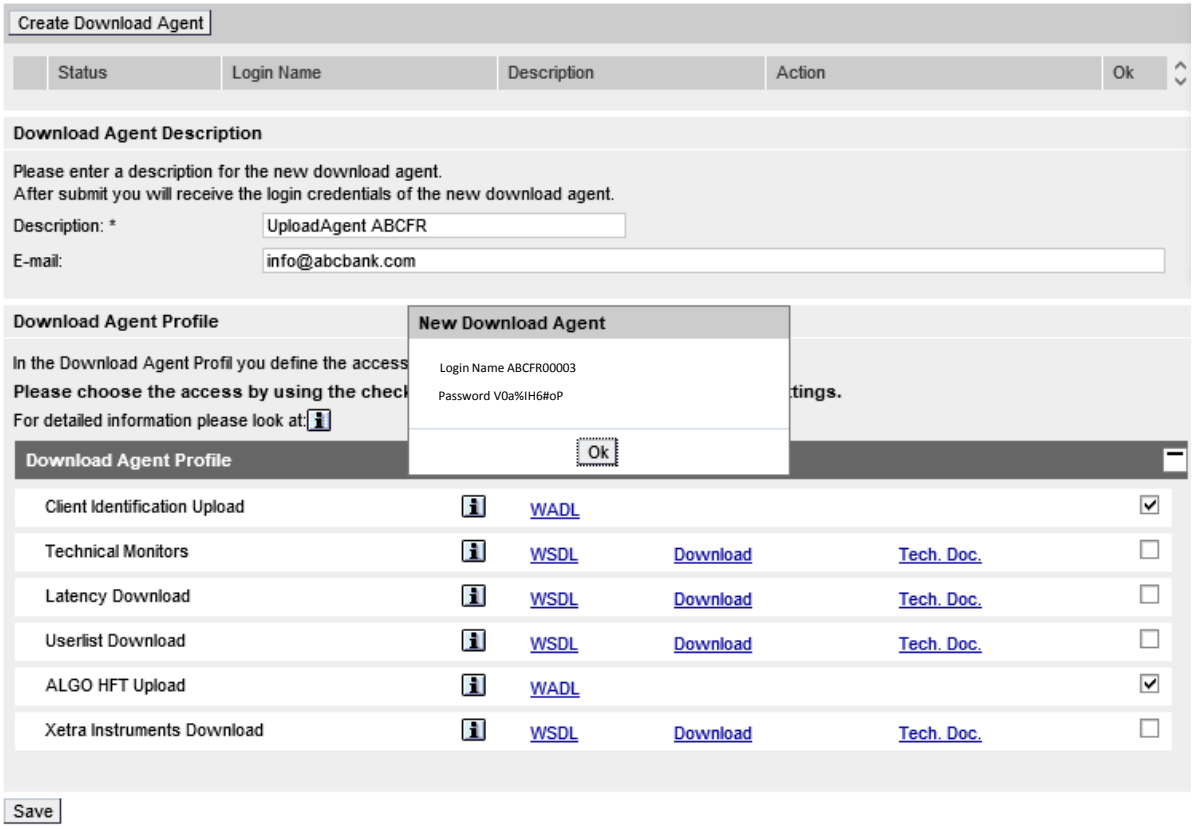
9. Enter the description (we recommend using the agent profile name and Member ID) and the e-mail address

10. Tick the box *‘Client Ident.Upload’*

11. Tick the box *‘ALGO HFT Mapping Upload’*

12. Save the Changes

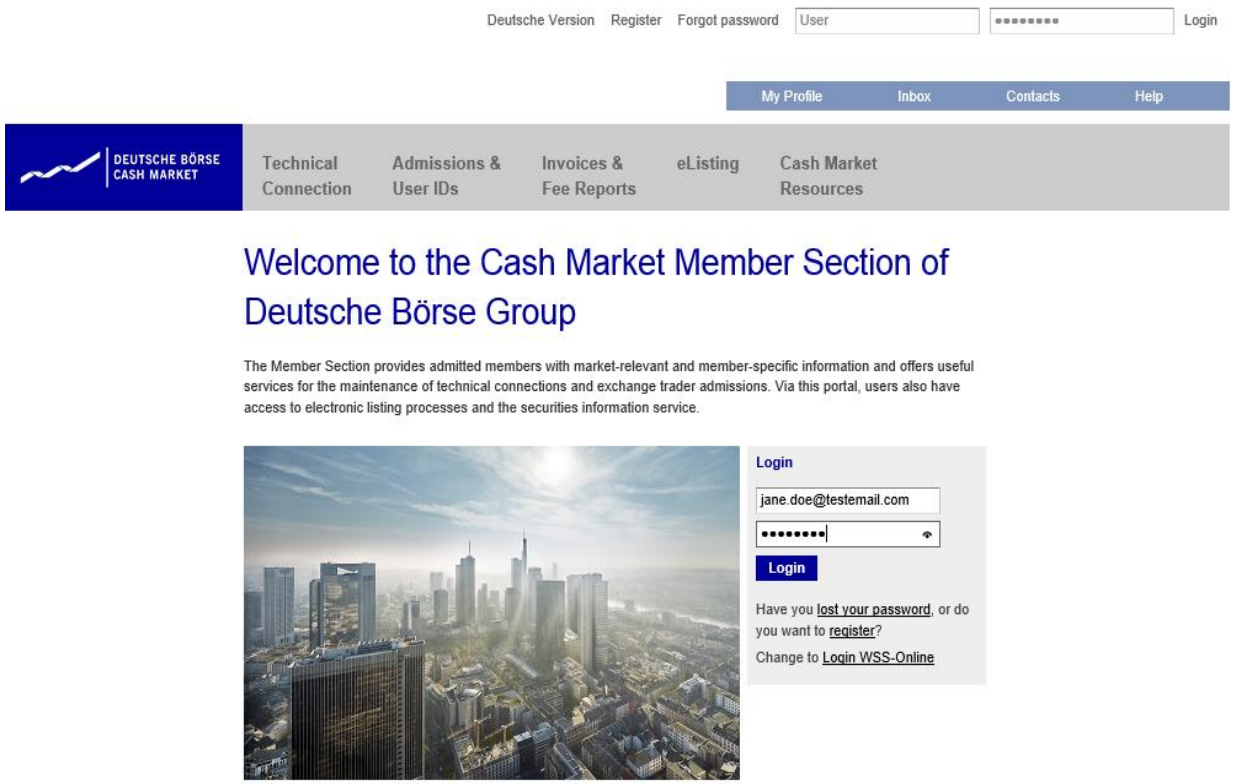
2. Create the Technical User for „upload“



13. You will now receive the username and password for the Agent. Please save this information. Login again with these credentials

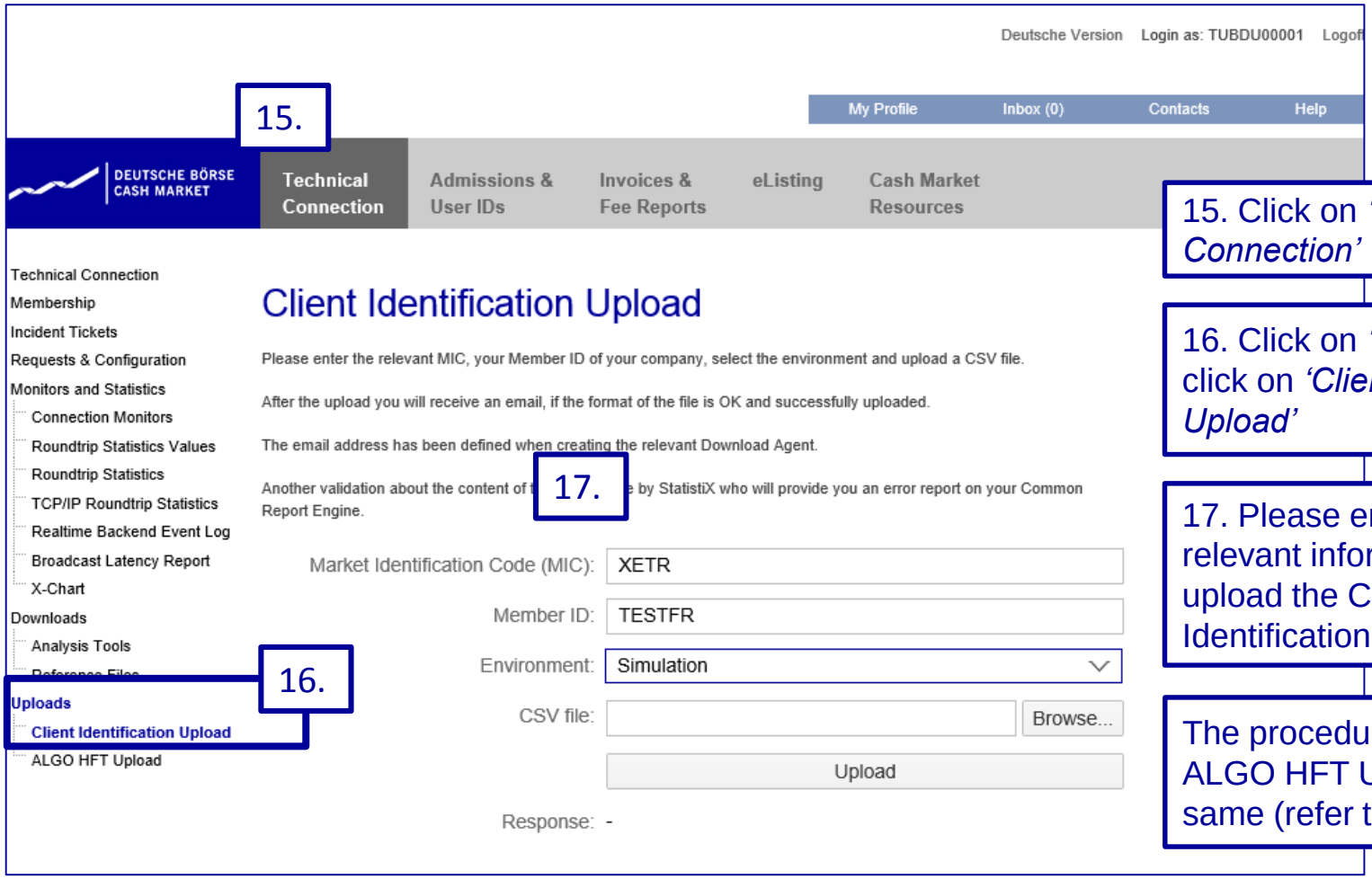
Client Identification Upload = Short code mapping file (Audit trail)
ALGO HFT Upload = Algo certificates

3. Member section
Log-in with the download agent credentials



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

3. Login with your Technical User credentials and upload RTS 24 or upload ALGO HFT



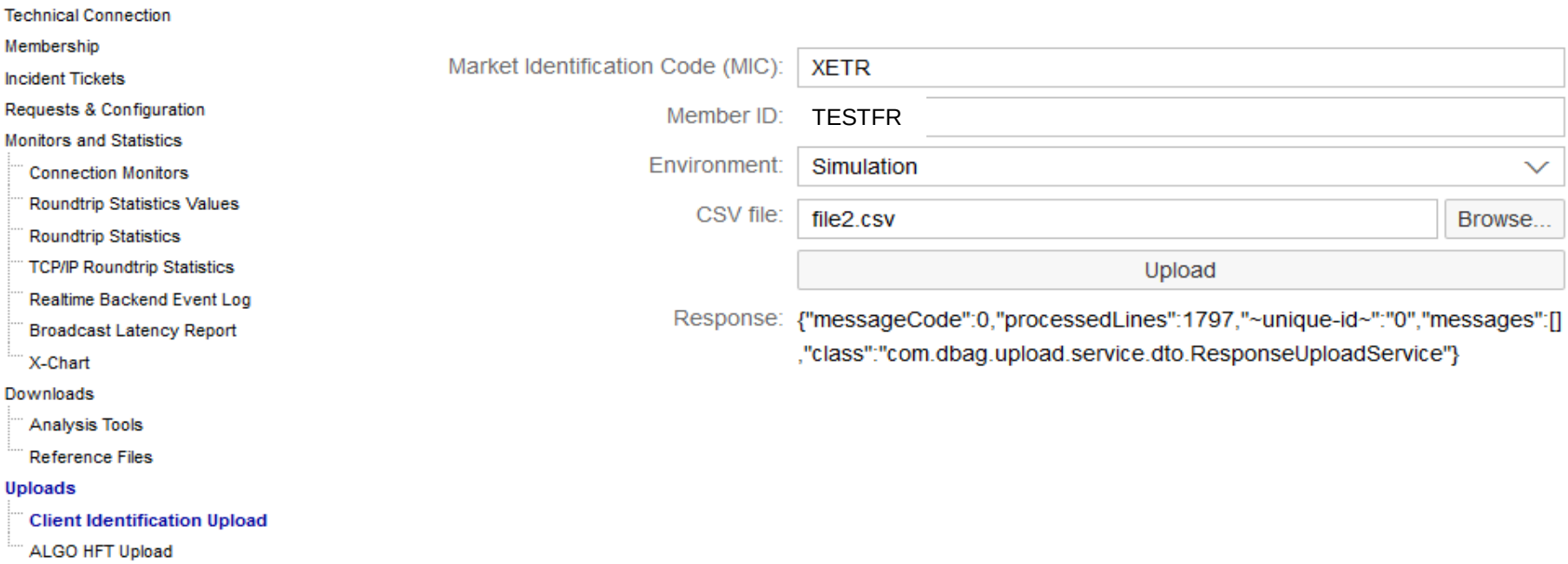
15. Click on *'Technical Connection'*

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

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

The procedure for the ALGO HFT Upload is the same (refer to p. 12)

4. Upload process



4. Upload result – Email to customer

Short code mapping file

Von: **FILEUPLOAD@DEUTSCHE-BOERSE.COM** [mailto:FILEUPLOAD@DEUTSCHE-BOERSE.COM]
Gesendet: Mittwoch, 13. September 2017 12:36
An**: Email Customer Recipient** <test.user@testbank.com
Betreff: File successfully uploaded

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

Service: Client Identification Upload XETR

Market: XETR

MemberID: TESTF

Environment: S

Algo certificates

Von: **FILEUPLOAD@DEUTSCHE-BOERSE.COM** [mailto:FILEUPLOAD@DEUTSCHE-BOERSE.COM]
Gesendet: Mittwoch, 13. September 2017 12:36
An**: Email Customer Recipient** <tim.mustermann@testbank.com
Betreff: File successfully uploaded

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

Service: Client Identification Upload XETR

Market: XETR

MemberID: TESTF

Environment: S

5. Template File Example – Client identification

Short code mapping file

Mandatory	Field name	Field length	Field type	Valid values	Example content
Yes	Participant ID	5 char	Uppercase letters	*List of participant IDs*	TESTFR
Yes	MIC	4 char	Alphanumeric	*MIC according to ISO 10383*	XETR
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	2017-01-02
Yes	Short Code ID	8 bytes	Numeric	0 to 18, 446, 744,073,709,551,614	123456789012345
No	Classification Rule	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	3
Yes	Client Long Value	Max 35 char	Alphanumeric	[0…9] [A…Z] [a…z] [#]	K5PHMP50J

Example file on xetra.com available

Participant,MIC,Status,Validfrom,Shortcode,Classification,Nationalidcode,Nationalidpriority,Clientlong

TESTFR,XETR,N,2017-06-27,123456789012345,L,CZ,3,K5PHMP50J

TESTR,XETR,N,2017-06-27,123456789012346,L,CZ,3,K5PHMP50J

5. Template File Example – Algo HFT

Algo certificates

Field name	Field length	Field type	Valid values	Example content
Upload Date	10 char	Alphanumeric	Date format YYYY-MM-DD	2017-01-02
Valid Date	10 char	Alphanumeric	Date format YYYY-MM-DD	2017-01-02
Short Code ID	8 bytes	Numeric	0 to 18, 446, 744,073,709,551,614	123456789012345
LogonID	Max 80 char	Alphanumeric	Email addresses	info@testbank.com

Example file on xetra.com available

UploadDate,ValidDate,AlgoID,LogonID
2017-09-04,2017-09-04,12345678,tim.mustermann@testbank.com

6. Upload file – format and limitations

Preconditions

- The file should be Comma Separated Values (CSV) format with UTF-8-Encoding for uploading either an Algo ID file or a short code mapping file.
- The file has to be less than 100 MB in size. Files larger than 100 MB in size should be split into smaller files.
- Only five uploads are possible per minute. You will receive an error message, if the capacity has been reached.

Known limitations

We 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.

Back up

Deutsche Börse Cash Market

https://member.deutsche-boerse.com/irj/portal

Eurex

https://member.eurexchange.com/irj/portal