



EUROPEAN CENTRAL BANK

EUROSYSTEM

**ECB**  
DG-MIP  
T2/T2S Consolidation Project Team

# T2/T2S Consolidation

## Business Interface – Information and Reporting

Task Force on Future RTGS Services

3rd meeting

22-23 February 2017

## Includes:

### Business Interface – Information and Reporting

–requirements for service subscriptions, message flows, and reports that will be provided

### Business Interface – Query Requirements

–requirements for the queries that are available on the consolidated platform in addition to reports

## Excludes:

### Business Monitoring

–requirements for the processes necessary for Central Banks to monitor their activity, including monitoring of minimum reserves

### Operational Monitoring

–requirements for the processes necessary for 4CB to monitor the system activity

### Data Warehouse

–requirements for information to be stored in the consolidated platform for statistical purposes

## Key features:

- All reports available in the user-to-application (U2A) mode and in the application-to-application (A2A) mode
- According to the report configuration choice set-up, a report is generated:
  - always in Pull mode, where the report is stored for future download via A2A query or for viewing via an U2A query
  - additionally also in Push mode, where the generated report will be sent via A2A in XML format
- Ability to resend reports if sent originally in A2A mode
- Once reports are generated and formatted, including sorting, pagination and totals, they will be stored in output format for sending to or retrieval by authorised recipients
- Based on the configuration parameters set by the parties, reports can be generated on occurrence of either a business event (e.g. end of day) or at a specific time

## Types of reporting:

- Reports
  - Full reports
  - Is there a need for delta reports?
- Queries
  - Interactive via GUI
  - Real time message-based request and response
- Dashboards – Status reports
- On request (ad-hoc) / scheduled (regular) – daily – timing (SoD/EoD)

## Reporting requirement definition:

- Purpose of Report
  - Monitoring / Statistical / Regulatory / Other
- Recipient – the participant defining the report
- Report content – what information should be shown?
- Reporting period – information relating to business between two points in time
- Period of validity – period after which the report definition should no longer be used
- Reporting mechanism
  - Push Mode (sent via A2A as soon as report generated)
  - Pull Mode (sent on request - U2A or A2A)
  - Store and Forward (message based or file based, depending on size)

## Reporting requirement definition:

- Timing – when is it required?
  - Start of Day / End of Day
  - Immediate
- Frequency – how often?
  - On request (ad-hoc)
  - Daily
  - Event driven
- Retention Period – report superseded by next report generated
- Archived Reports – is there any need to access previous reports?
- Zero Results – produce the report even if no information to show
- Formatting
  - Pagination, where report cannot be contained within a single page
  - Breaks and Totals

## Query requirements:

- Purpose of Query
- Authorised user(s)
- Range of pre-defined queries
- Query mechanism (U2A / A2A)
  - Interactive – via GUI
  - Message based – request and response
- Parameters
  - Search criteria
  - Filter / Sort results
- Query output
  - List – e.g. a list of transactions / payments matching the stated criteria
  - Detail – e.g. full details of a particular transaction / payment

# What areas of reporting are envisaged?

- Accounts
  - Statement of Accounts
  - Current Settlement Day Cash Information Report
  - Following Settlement Day Cash Forecast Report
  - etc
- Invoicing and Billing
  - Participation reports
  - Consumption Reports
  - Invoices
- Static Data Reports
  - Statement of Static Data for Party
  - Statement of Static Data for Dedicated Cash Accounts
  - etc

In what other areas do you foresee the need for reports?