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?