EUROPEAN CENTRAL BANK

EUROSYSTEM

ECB
DG-MIP
T2/T2S Consolidation Project Team

T2/T2S Consolidation

Service Interface –
Information and Reporting

Task Force on Future RTGS Services

4th TF meeting on 27 March 2017

Overview

Views expressed in the last Task Force

During the last Task Force it was established that:

- There is a need for some reports to be produced daily for all participants

- There is also a need for participants to be able to request pre-defined reports or to run queries and to be able to receive the results as a report

- Participants would welcome the provision of a facility that would allow them to define their own reports and queries

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Overview

Overview of Proposed Reporting and Query facilities

The future RTGS services shall provide facilities for operational reporting and queries:

- Standard pre-defined reports created automatically

- A range of pre-defined interactive queries

To compliment this, non-operational information and reporting shall also be provided *(will be presented in the Task Force meeting on 24 April)*

- A range of pre-defined ad-hoc reports and queries shall be available for historic information or statistical analysis

- There will be different Data Warehouse Services, offering different opportunities for users to access and present their own data

- The scope and tools for the different Data Warehouse Services will be defined during the specification phase

Overview

Standard Reports

Standard reports, e.g. Statements of Account, are:

- Pre-defined - structure and content

- Generated automatically

- Time or event triggered

- Sent immediately to all subscribers, in Push mode, via A2A

Standard Reports

- Standard reports will be retained for an agreed period of time within the service, after which they could be reproduced from the data warehouse

- Participants will be able to request a copy of a previously produced report, either via A2A or U2A

- The list of currently known standard operational reports is provided in the 'Reports (A2A)' sheet within:

'2017-03-27 Information and Reporting – Queries, Reports and Actions.xls'

  ➢ Are there any more?

Overview
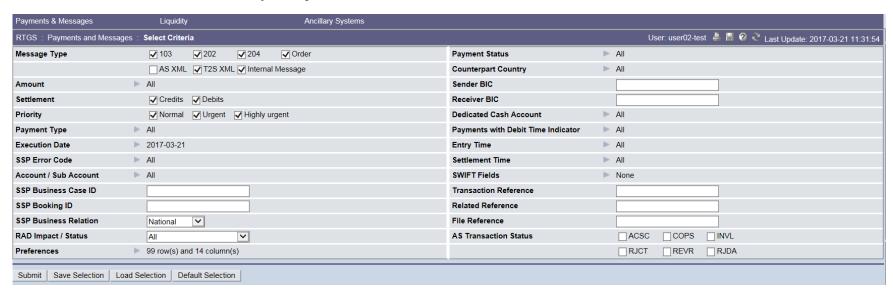
Queries

- Users will be provided with a range of pre-defined operational queries that they will be able to run as and when required

- An example of a pre-defined query, taken from the current TARGET2 system:

Selection criteria for query

Queries

Query results displayed on user's screen

	Entry time	Settlement time	Transaction Reference	Related Reference	Sender	Receiver	Debit Account (BIC)	Credit Account (BIC)	Amount (EUR)	Payment Status
☐	17:00:00	17:00:00	0000000035147687	0000000035147687	TRGTXESD	TRGTXEP0T2S	▶ ZYDQFR20BQG	▶ ECBFDEF0T2S	2.00	Settled
☐	17:00:00	17:00:00	0000000035147833	0000000035147833	TRGTXESD	TRGTXEP0T2S	▶ ZYDQFR20BQX	▶ ECBFDEF0T2S	1,000,000,000.00	Settled
☐	17:00:00	17:00:00	0000000035147834	0000000035147834	TRGTXESD	TRGTXEP0T2S	▶ ZYDQFR20BQX	▶ ECBFDEF0T2S	1,000,000,000.00	Settled
☐	17:00:00	17:00:00	0000000035147815	0000000035147815	TRGTXESD	TRGTXEP0T2S	▶ CMCIFRP0CIC	▶ ECBFDEF0T2S	100,000,125.00	Settled
☐	17:00:00	17:00:00	0000000035147816	0000000035147816	TRGTXESD	TRGTXEP0T2S	▶ CMCIFRP0CIC	▶ ECBFDEF0T2S	100,000,518.00	Settled
☐	17:00:00	17:00:00	0000000035147817	0000000035147817	TRGTXESD	TRGTXEP0T2S	▶ CMCIFRP0CIC	▶ ECBFDEF0T2S	100,000,325.00	Settled
☐	17:00:00	17:00:00	0000000035148016	0000000035148016	TRGTXESD	TRGTXEP0T2S	▶ ZYCXFRP0	▶ ECBFDEF0T2S	1,000,000.00	Settled
☐	17:00:00	17:00:00	0000000035147880	0000000035147880	TRGTXESD	TRGTXEP0T2S	▶ ZYDQFR20BQX	▶ ECBFDEF0T2S	22,000.00	Settled
☐	17:00:00	17:00:00	0000000035148022	0000000035148022	TRGTXESD	TRGTXEP0T2S	▶ ZYDQFR20BQX	▶ ECBFDEF0T2S	3,300.00	Settled
☐	17:00:00	17:00:00	0000000035148275	0000000035148275	TRGTXESD	TRGTXEP0T2S	▶ ZYDQFR20BQX	▶ ECBFDEF0T2S	1.00	Settled
☐	17:00:00	17:00:00	0000000035147854	0000000035147854	TRGTXESD	TRGTXEP0T2S	▶ FMBKDEM0	▶ ECBFDEF0T2S	500,000,000.00	Settled
☐	17:00:00	17:00:00	0000000035147927	0000000035147927	TRGTXESD	TRGTXEP0T2S	▶ FMBKDEM0	▶ ECBFDEF0T2S	500,000,000.00	Settled
☐	17:00:00	17:00:00	0000000035147994	0000000035147994	TRGTXESD	TRGTXEP0T2S	▶ FMBKDEM0	▶ ECBFDEF0T2S	500,000,000.00	Settled
☐	17:00:00	17:00:00	0000000035148001	0000000035148001	TRGTXESD	TRGTXEP0T2S	▶ BSUIFRP0	▶ ECBFDEF0T2S	100,000,000.00	Settled
☐	17:00:00	17:00:00	0000000035148002	0000000035148002	TRGTXESD	TRGTXEP0T2S	▶ BSUIFRP0	▶ ECBFDEF0T2S	8,000,000.00	Settled
☐	17:00:00	17:00:00	0000000035148009	0000000035148009	TRGTXESD	TRGTXEP0T2S	▶ BSUIFRP0	▶ ECBFDEF0T2S	42,000,000.00	Settled
☐	17:00:00	17:00:00	0000000035148010	0000000035148010	TRGTXESD	TRGTXEP0T2S	▶ BSUIFRP0	▶ ECBFDEF0T2S	26,000,000.00	Settled
☐	17:00:00	17:00:00	0000000035148011	0000000035148011	TRGTXESD	TRGTXEP0T2S	▶ BSUIFRP0	▶ ECBFDEF0T2S	35,000,000.00	Settled

Queries

Queries will:

- Be based on the criteria selected and values entered by the user

- Be executed interactively

- Display the results on the user's screen

- Indicate 'no results' if there were no results matching the selected criteria

- Be subject to limits on volume of output

The list of currently known pre-defined operational queries is provided in the 'Queries' sheet within:

'2017-03-27 Information and Reporting – Queries, Reports and Actions.xls'

➢ Are there any more?

Overview

1	Feedback from Task Force
2	Overview of Proposal
3	Standard Reports
4	Queries
5	**Non-functional Considerations**

Non-functional considerations:

- Generation of reports must not impact the response time for service users

- Reports and queries will only be available to participants who are authorised to use them

- Data protection must be ensured by checking participants' access rights to the data

- All operational reports and queries sent via A2A will be in XML format and shall be ISO 20022 compliant, as far as possible