

General Information (Origin of Request)		
<input type="checkbox"/> User Requirements (URD) <input checked="" type="checkbox"/> Other User Functional or Technical Documentation (SYS)		
Request raised by: Eurosystem	Institute: Eurosystem	Date raised: 21/03/2013
Request title: System configuration for rule-based models (restriction types, message subscription and conditional securities delivery)		Request ref. no: T2S 0390 SYS
Request type: Common		Urgency: Normal
1. Legal/business importance parameter: High	2. Market implementation efforts parameter: Low	
3. Operational/Technical risk parameter: High	4. Financial impact parameter: Medium	
Requestor Category: Eurosystem	Status: Authorised at Steering Level	

Reason for change and expected benefits/business motivation:

The User Detailed Functional Specifications (UDFS) v1.2.1 explains that the T2S Actors can configure restriction types, message subscription and conditional securities delivery on the basis of rule-based models (i.e. sets of rules combining group of parameters selected in a number of possible parameter types). This CR complements this by specifying the system configuration for the three rule-based models (i.e. maximum number of rules, distinct parameter values per parameter type and Market-specific attributes to be used when applicable).

Description of requested change:

The system configuration for the T2S rule-based models will be:

1. System configuration for restriction types
 - i. rules: max 5000
 - ii. distinct parameter values per parameter type: max 100
 - iii. Market-specific attributes (MSA) to be used in restriction types/rules: max 10 (up to 5 per rule)
2. System configuration for message subscription
 - i. rules: max 1500
 - ii. distinct parameter values per parameter type: max 50
3. System configuration for conditional securities delivery
 - i. rules: max 1000
 - ii. distinct parameter values per parameter type: max 50

The maximum length of the MSA field is 35 characters.

These Changes will be implemented in the UDFS v2.0

Submitted annexes / related documents:

Proposed wording for the SYS Change request:

1. The UDFS Section 1.7.7 Rule-based configurations has to be updated as follows:

1.7.7 Rule-based configurations

The T2S application allows T2S Actors to configure in a flexible way the following Static Data features:

- Message subscription (See section 1.3.4 "Message subscription")
- Restriction types (See section 1.2.1.8 "Restriction types")
- Conditional securities delivery rules (See section 1.2.1.9 "Conditional Securities Delivery Configuration")

~~T2S Actors can configure these features on the basis of rule-based models, i.e. sets of rules combining group of~~

parameters selected in a number of possible parameter types.

~~For each T2S Actor, the maximum overall number of group of parameters for the active rule sets is not unlimited. Detailed values for these limitations are to be further specified with CSDs and CBs.~~

~~Within each rule, each parameter can be linked to many distinct values. The maximum overall number of distinct values is NN for the active rule sets for all types of configurations.~~

Each T2S Actor can have many active rule sets at any given point in time. Each rule set can include many rules. Each rule can include many groups of parameters.

The maximum overall number of groups of parameters for the active rule sets is:

- 5000 for restriction types configurations;
- 1500 for message subscription configurations;
- 1000 for conditional securities delivery configurations.

Each rule can include many parameters. Within each rule, each parameter can be linked to many distinct values. The maximum overall number of distinct values for the active rule sets is:

- 100 for restriction types configurations;
- 50 for message subscription configurations;
- 50 for conditional securities delivery configurations.

Only the parameters for restriction types configuration can also include market specific attributes. In this case, the maximum number of market-specific attributes, applicable for restriction types configurations, is 10 for all the restriction types of any given CSD and a maximum of five per restriction type rule. These two limits cover all types of market-specific attributes (i.e. party market-specific attributes, securities market-specific attributes and securities account market-specific attributes). So, for example, if a CSD selects three party market-specific attributes to configure its restriction types, then the same CSD can select no more than 7 (i.e. 10-3) security or securities account market-specific attributes to configure its restriction types. Similarly, if a CSD selects two party market-specific attributes to configure one specific restriction type rule, then the same CSD can select no more than three security or securities account market-specific attributes to configure the same restriction type rule.

High level description of Impact:

Outcome/Decisions:

- CRG meeting of 25 March 2013: The CRG agreed to launch the detailed assessment.
- CRG Telco on 16 April 2013: The CRG proposed that the CR 390-SYS should be submitted to the Steering level for approval.
- CSG resolution on 18 April 2013: The CSG postponed taking a decision on the Change Request.
- CSG resolution on 10 June 2013: The CSG adopted the resolution to approve the Change Request under the following conditions:
 - Eurosystem to enhance the test plan to include in the non-functional testing campaign an MSA-related test case by October 2013. After the execution of the test in the first half of 2014, the meaningful outcome of this test will be shared together with UT ready report foreseen in Sept. 2014.
 - appropriate contingency measures for MSAs, values and rules in case of unexpected and exceptional events (e.g. legal or regulatory requirements) will be considered by the Steering level with the view to be implemented complementary to CR 390.
 - a long-term solution with options must be planned and implemented earliest in a T2S release in 2018. As a first step, discussions on business requirements shall be initiated in July 2013.
 - CSDs are committed to publish their rules on an on-going basis with a first release targeted for September 2013. XMAP will periodically review these rules.
- AG meeting on 18-19 June 2013: The AG advised to approve the Change Request and took note of the conditions agreed between the CSDs and the Eurosystem.