UT-PBR-073
T2S returns no Settlement related data during SOD
(INC 182133)

CRG Meeting

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UTSG Telco

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Overview

- ➢ **Issue (INC 182133)**
  - ▪ Customer receives a SecuritiesStatusOrStatementQueryStatusAdvice (sese.022) stating 'X000-No data found or no data found within the user's allowed data scope' as a response to a SecuritiesAccountPositionQuery (semt.025) sent during Start of day processing (SoD)
  - ▪ Customer expects a SecuritiesAccountPositionResponse (semt.040)

- ➢ **Rootcause**
  - ▪ In the timeframe of SoD, SETT (i) does not process any settlement (ii) processes replication and revalidation and therefore does not provide any positions nor balances in its views used by query management
  - ▪ Whereas settlement information are provided on a queued mode during NTS and on realtime during RTS
  - ▪ Therefore the information provided to the requesting query is "No data found"

- ➢ **Conclusion**
  - ▪ T2S works as designed

Details

- ➤ **Current functionality**
  - Query requests received during SoD are not queued
  - Settlement data is unavailable at this time
  - T2S responds with an operational error stating that no data is available and sends the corresponding status advice (sese.022)
  - During NTS sequences such query requests are queued

- ➤ **Possible solution**
  - A queueing of the request until the next settlement may avoid the No data response. Although does not seem of major interest.

Conclusions

- ➤ **T2S functions as designed**

- ➤ **Recommendations**
  - ▪ Any change in behaviour to queue query requests received during the SOD period would require a CR

  - ▪ Any need to further document the current approach regarding query responses during the SoD period could be addressed thru an editorial CR within UDFS section 1.4.4.1.1 'Application processes involved during the start of day' :
    - o Clarifying that queries received during SoD and requiring information from settlement are not queued and will result in operational errors due to unavailable new settlement related data

UTSG Outcome (30.6.2016)

- ➤ **Customer requests that current approach be modified to report distinct error code during SOD period**
    - ▪ Error code description should clearly state that the data is unavailable as currently within SOD period
    - ▪ Feasibility of this approach to be evaluated by 4CB
    - ▪ This approach would also require a CR to adjust the T2S reporting

- ➤ **CRG to determine which approach is to be adopted in future CR**
    - ▪ A) Queuing of settlement related requests during SOD
    - ▪ B) Distinct error code and description during SOD of period