

Sandbox Testing PPIR - Proposed use and value provided from the defined Sandbox using the UIT and SIT-A environments

Background - Limitations for the Sandbox, provided in the UIT environment

Please see section 8 of the **E2E Sandbox Guidance** document previously discussed via governance forums, published and available on the MHHS website for further details on the potential limitations, [linked here](#).

As a summary view and for additional clarity the list below provides some examples including but not limited to the following,

1. All SIT or Qualification tests must have been successfully completed and Test Completion Reports approved before a participant can carry out Sandbox testing, should they wish to participate.
2. Due to the way the Test Harnesses operate, no inter party testing is possible within the UIT Sandbox environment. Testing is between Participants and the Test Harnesses using the DIP UIT environment for message exchange.
3. It is not in the Programme scope to add Test Cases into the S&A QTF or the non-SIT LDSO testing framework for participant specific tests. This means that the testing that is possible within the Sandbox is restricted to the scope of the Test Cases available from Qualification Testing.
4. The testing of consequential changes will be challenging unless the scenario to test is covered directly by the test data, test harness and the availability of an associated scripted Test Case that supports the testing under consideration.
5. The absence of Elexon Central Service Systems (LSS, MDS or VAS) within the UIT environment means that no Settlement Testing activities will be possible to complete using the Sandbox.
6. Support for DUoS charging and invoice testing will only be possible via static testing using static Settlement Output Reports using manufactured fixed test data sets, similar to that available in non-SIT LDSO QT.
7. The absence of a CSS system within the UIT environment means that processing Change of Supply (CoS) events are restricted to the facilities available in the test harnesses (QTF and non-SIT LDSO test harness). Any testing that requires CSS or any other active participants will not be possible to complete using the Sandbox.

Background - Limitations for the Early Sandbox, provided in the SIT-A environment

Please see section 6 of the **E2E Sandbox Guidance** document previously discussed via governance forums, published and available on the MHHS website for further details on the potential limitations, [linked here](#).

As a summary view and for additional clarity the list below provides some examples including but not limited to the following,

- This option is not available for Non-SIT LDSOs or Non-SIT Supplier & Agents as they have no access to the SIT environments, so there is no SIT-A environment use option available.
- Each SIT Participant must have completed all of their SIT testing before the SIT-A environment can be used for Early Sandbox testing by that participant.
- SIT Participants would retain the ability to utilise any test data that was unused following the end of SIT testing and the SIT-A environment could be used for Sandbox testing until the scheduled decommissioning of the environment. However, no additional data sets will be provided to Programme Participants for this environment to support this Early Sandbox testing.
- Participants would need to recognise SIT-A environment limitations of operating without Test Harnesses simulating other Participant Roles. Participants must use the existing Cohorts model that is in use for SIT to execute tests. SIT Participants would need to co-ordinate any Early Sandbox testing between cohort parties.

Background - Reminder the SIT-B environment is not available for any form of Sandbox Testing.