r6 -> r7-patch1

Overview

The areas of change are as follows

1. Addition of two new values for Data Stream Types - "Consumption" and "Profile".

   This change follows from the finalisation of the way in which profile data will be managed by MSATS.

   Note that the value "Non-Interval" has not been removed in order to minimise the short-term impact of this change on participants and will be treated in CATS transactions as if the value "Consumption" had been provided. Participants should however migrate to the use of "Consumption", and the value "Non-Interval" will be removed in a subsequent version of the schemas.

2. Restriction of the valid values for data stream types in MDM reports.

   This is again a flow-on effect of the finalisation of the way in which profile data will be stored in MDM. The only valid values are "Interval" and "Consumption".

3. Optional LoadDate parameter in MDP Data Delivery Report.

   An optional LoadDate parameter has been added to this report to bring it in line with the equivalent on-line submission screen.

4. Update of the DataRequest transaction to correct an element naming error.

   One of the elements in this transaction previously used incorrect capitalisation. Note that the version number of this transaction will need to change to r7.

5. Update of the example XML files.

   With the finalisation of the CATS rules, some of the examples have been updated to improve the correctness of the transaction content.

6. UserID optional on table replication reports.

   UserID information will now be suppressed by MSATS on table replication formatted output.

7. Modify address structures to handle partial addresses.

   The previous schemas required that certain address components should always occur together. For instance, flat type and flat number had to be provided together and could not appear separately. However, it is possible for valid situations to occur where they can appear separately, for instance as part of the update of an existing address via the interactive interface. There are also issues with the quality of the bulk loaded address data such that it may not be valid according to the current schema.

8. Use partial address structure on the NMI Standing Data structure.

   In order that partial address information can be carried via the CATS transactions, the structure for addresses on the NMI Standing Data has been modified to allow for partial addresses.

Note: An emergency change was necessary to r7 during final MSATS testing. To this end, the change marked below with "PATCH 1:" was made without change to the version information.

Acknowledgements_r6.xsd

- No change

aseXML_r7.xsd

- Changed aseXML namespace
- Changed names of included files affected by r7

CATSReports_r6.xsd

- No change

CATSTableReplication_r6.xsd

- No change

ClientInformation_r7.xsd

- Added AustralianStructuredAddressPartialComponents type

Common_r7

- Added type for release r7

CustomerTransfer_r7

- The CATSDataRequest element "initiatingRequestID" has been renamed "InitiatingRequestID" in line with the aseXML element naming conventions. The transaction version has been adjusted accordingly to r7.

Electricity_r7

- DataStreamType now has the valid values "Interval", "Consumption" and "Profile" to support NSLP calculations in MDM.

  NOTE: The previous value "Non-Interval" is still supported as a valid value to allow participants to migrate to the use of "Consumption" rather than "Non-Interval". The value "Non-Interval" will be removed in a subsequent version of the aseXML.

  NOTE: The value of "Non-Interval" is translated to "Consumption" on input. Thus in replication requests, the value would be returned as "Consumption" not "Non-Interval".

- NMI Address is now capable of holding partial addresses.
- PATCH 1: SerialNumber was changed from mandatory to optional in the ElectricityMeter type, in order to align the schema to the MSATS CATS configuration rules.

Events_r6

- No change

Gas_r6.xsd

- No change

Header_r6.xsd

- No Change

MDMTReports_r7.xsd

- All report parameter formats now used MDMTReportDataStreamType rather than DataStreamType. This new type is a restriction of DataStreamType allowing only "Interval" and "Consumption" as valid values.
- Added an optional element "LoadDate" to the MDMTMDPDataDeliveryReportParameters

MeterDataManagement_r6.xsd

- No change

NMIDataAccess_r6.xsd

- No change

Reports_r6.xsd

- No change

TableReplication_r7.xsd

- UserID is now optional.

Transactions_r6.xsd

- No change

*_r7.xml

- All - changed namespace of root element
- All - changed schemaLocation to match namespace change
- NMI Checksum values now correct

Modified Examples

- ChangeRequest_r7.xml now uses a change reason code of 5050 in line with CATS rules
- ChangeRequestAllFields_r7.xml now uses a change reason code of 2500 in line with CATS rules
- DataRequest_r7.xml updated with Capitalised InitiatingRequestID and version r7
- MeterDataNotification*_r7.xml examples now use the MSATS CSV column names
- Seq*_r7.xml updated to use change reason code 1000 in line with CATS rules