

Xoserve iGT Agency Services Migration Database

An explanatory report to Workgroup iGT UNC 039- Use of a single Gas Transporter Agency for the common services and systems and processes required by the iGT UNC, and Workgroup UNC 440 - Project Nexus iGT Single Service Provision

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Version 0.1

1. Introduction

To establish the iGT Agency Services arrangements developed under GT UNC modification 440 and iGT UNC modification 039 the data held by the iGT organisations needs to be migrated to the target system. The objective of the iGT Agency Services initiative is to enable Shippers to transact with the Gas Transporters (GT and iGT) for services under the relevant UNC in a common manner regardless of GT type.

To meet this requirement Xoserve needs to create the iGT supply meter point and supply point records on the replacement UK Link system.

To achieve this, the iGT CSEP, supply meter and supply point records (referred to as the Records, from here on in) need to be prepared to meet the requirements of the replacement UK Link system. More detail on this is provided later in the document.

There are other changes required to enable the provision of iGT Agency Services which need to be managed. These include the use of a new “CSEP Id” value which will form the mapping key for MPRN to CSEP to iGT Licence to iGT organisation. The existing data needs to be mapped to the new CSEP id records.

It is expected that Shipper organisations will need to update their own records and processes to enable UK Link transactions to be conducted. Shippers will be creating transaction files for iGT activities for submission to Xoserve for processing. These transaction files will need to be completed in the same way as for a GT record and therefore Shippers will need the appropriate data for iGT records. This data will be provided by Xoserve for the iGT records.

This document provides high level information on the iGT Migration event and the arrangements under which it is proposed it is established.

The iGT Migration event will be conducted in collaboration with the industry to ensure the successful transition to the iGT Agency Services initiative.

2. Principles / aims of the iGT Migration database

The migration database will enable the Records to be prepared, both in terms of completeness and compliance with formats and data standards, to enable the data to be migrated to the target system at cutover to the iGT Agency Services arrangements.

It is expected that the Records preparation exercise will take 12 months. There is expected to be an initial data load and transformation activity and then ongoing updates and preparation for work in progress.

Portfolio reports will be provided to iGTs, GTs and Shippers to enable these organisations to prepare their own operational data as required.

3. iGT Organisations, Licence, and CSEP mapping

Regardless of how the Records preparation is undertaken there are certain essential requirements that must be met. The raw Records must be transformed to be fit for purpose in the new system. This transformation includes the essential mapping of:

- MPRN to CSEP
- Nested CSEP to Master CSEP (where required)
- CSEP to iGT Licence
- iGT Licence to iGT Organisation

Without this mapping iGT Agency Service provision will not work.

Having transformed the Records all users of this data; iGTs, GTs and Shippers must be informed to enable their cutover activities to be completed.

Portfolios will be provided to all organisations for their relevant purposes. Appendix 1 provides an example of report formats to Shipper organisations.

The mapping of current CSEP project numbers to the new CSEP Id will be published by Xoserve and will be available for any organisation to view or download.

4. Customer Lifecycle Records

Xoserve creates and maintains record information for the various users of the UK Link systems. This includes GT, Shipper, Supplier and MAM record information. Shipper records are created to permit (as required) relevant UNC transactions on the UK Link system.

This data, including usage permissions, will need to be created for the iGT market. This will be done within this Migration exercise.

5. Record data completeness

For illustration purposes the table below details some of the supply point register data, whether this is held by iGTs or not, its source for the purpose of the migration database and, where required, how a value may be derived. The purpose of including this table is to illustrate the nature of some of the work required to be completed as part of the migration exercise.

Data Item	Held by iGT	Source	Rules (where required)
Supply Meter Point Reference Number (MPRN)	Y	iGT	
AQ	Y	iGT	
Charging AQ	Y	iGT	

Address	Y	iGT	
Meter Point Creation reason	N	Derived by Xoserve	Probably a new value created on UK Link e.g. "I"
Supply Meter Point Status	N	Derived by Xoserve	Will be set to LI (live)
Supply Meter Point Effective Date	N	Derived by Xoserve	A single default date will be assigned e.g. 01/01/2015
Correction factor	Y	iGT	
Exit Zone	N	Derived by Xoserve	Determined by the point of the CSEP
LDZ	N	Derived by Xoserve	Determined by the point of the CSEP
GT	N	Derived by Xoserve	Determined by the point of the CSEP
Registered Shipper	Y	iGT	
Meter Point Link Code	N	Derived by Xoserve	Will be set to "F" (freestanding)
Meter Serial Number	Y	iGT	Question – to what extent does meter asset history need to be held
Meter model	Y	iGT	
Meter Manufacturer	Y	iGT	
Opening meter asset reading	Y	iGT	
Opening meter asset read date	Y	iGT	
Meter Readings	Y	iGT	Question – how many reads are migrated – need enough to enable rolling AQ to work at the first read provided by the Shipper.

This exercise will be completed in full for all data items required by the target UK Link system.

6. Transition topics

There are a number of matters to consider that are specific to the cutover to the iGT Agency Services arrangements. The migration database will be used to support these events. These events include:

- Live change of supplier events. A change of supplier event will have started in an iGT system and will end after cutover – where is it best to end, in iGT system or Xoserve systems? What will Shipper systems be expecting / need?
- Live meter asset updates, meter read submissions etc. Not as immediately challenging as a change of supplier event, but still require management

7. Business as usual with regards to Shipper interactions

The migration event is to prepare data. All business as usual activities between Shippers and iGTs are not affected by the migration event.

8. Industry testing

Industry testing is not included within the migration exercise. It is anticipated that the industry testing exercise will be included as part of the wider design, build and implement activity. Data from the migration database may be used to support an industry testing event.

Appendix 1 Example of Shipper portfolio report

It is anticipated a monthly portfolio extract from the migration database will be provided to Shippers.

MPRN	
CSEP Id	
Original CSEP Project Reference	
Address	
Meter Serial Number	
Various meter asset details	
Latest read	
Latest read date	
Confirmation effective date	
AQ	
Market Sector Code	
Plus other data	