

Business Rules Document

For

Supply Point Enquiry Process

xoserve Project Nexus

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Initial Draft

1. Introduction

1.1 Document Purpose

The purpose of this document is to ensure that the business requirements associated with the referenced change have been accurately captured, and to clearly specify these requirements to the Project Nexus AMR Workgroup and Project Nexus UNC Workstream (PN UNC). Adequate information should be provided to enable the industry to approve the documented requirements for Cost Benefit Analysis at a later stage.

The contents refer to the business scope of the change, and provide descriptions of the business requirements.

1.2 Related Documents

Documents held on the Joint Office website under Project Nexus, in particular;

- AMR Minutes & process flow documents from the 9th June 2010 & 22nd June 2010
- SPA Enquiry Process – Additional Requirements for AMR sites ICoSS presentation

Link to the Joint Office website;

<http://www.gasgovernance.co.uk/nexus/2010>

2. Executive Summary

As part of the requirements definition phase of Project Nexus, the Change of Supplier process was examined during the 'AMR Detailed Requirements' workgroup. One of the areas some Shippers believed could be enhanced was the Supply Point Enquiry process. Shippers raised additional requirements in the Enquiry section of the Supply Point Administration process at the Project Nexus AMR 3 meeting on 12th May 2010. An ICoSS representative took away an action to provide the detailed requirements. These requirements were presented and discussed further at the AMR Workgroup on the 22nd June 2010. It was agreed at the Workgroup that xoserve should work the requirement into business rules that could subsequently be costed.

Two options were proposed and considered within the meeting (as detailed below), however, consensus was gained that Option 1 should be the approach taken and documented. The second option would require Suppliers to interpret the data before it could be usefully used. This option may be revisited as an alternative if necessary.

- Option 1: Consumption history data provided at Meter Point level
- Option 2: Profile Information, standard deviation from the Supply Point profile

The purpose of these requirements is to provide a potential Proposing Shipper with additional information about a Supply Point to ensure that a potential Shipper can be as equally well informed as the incumbent Shipper. This approach is expected to encourage competition and improve the efficiency of the current market by allowing Suppliers to provide consumers with accurate quotes based on historical consumption. It was felt that some consumers may have this level of information, especially the larger I&C sites but not necessarily the smaller I&C sites (SME sites).

Concerns were also raised regarding potential issues with the Data Protection Act; however, the requirements assumes that in submitting the request, Shippers would be warranting that they have the consumer's permission to access this data, this requirement will also require Shippers to confirm that permission has been gained during the request. This requirement applies to non-domestic consumers only.

UNC (G1.17) only permits a Supply Point Enquiry where an Enquiring User is "*contemplating submitting a Supply Point Nomination*". This may imply that, for a Supplier to provide a quotation to a consumer, the Shipper must first submit the Supply Point Enquiry to the Transporters Agent and then receive the Supply Point Enquiry data.

2.1 Scope

In Scope:

- Supply Point Enquiry process, currently via the NOM file.
- I&C Meter Points
- DM sites, including DM CSEPs
- Unique Sites

Out of Scope:

- Any requirements other than those identified as 'In Scope'
- Any changes to the existing Supply Point Enquiry process and file format, to clarify; this new request will be considered as a new enquiry type
- Changes to the Nomination or Confirmation processes or file format
- Any changes to Gemini file flows and timings.
- NDM CSEPs

3. Design Considerations

Implementation Timescales:

- Implementation of the developed solution to be confirmed once all requirements are captured during the Project Nexus requirements definition phase

Dependencies:

- Approval by PN UNC.
- Approval by Ofgem following the appropriate UNC Modification process.

Risks:

- There is a risk that the volume of data required may impact system performance and downstream processes, this may be especially prevalent during peak periods for I&C contract negotiation.
- There is currently only a view of the possible volumes, as detailed below; this may however in reality be significantly more or less.
- This requirement may not be a long term requirement; as consumers become more aware of their consumption following the fitting of a smart meter they may have this information and able to supply during contract negotiations.

Constraints:

- UKLink System does not presently record that an AMR meter is fitted at the Meter Point. The Daily Metered Elective Regime (DME) registers the site as DM for allocation and billing purposes by using the Gas Nomination Type (GNT) of DME. The asset data is not recorded or used during the transfer process. DME regime does not require the asset to be an AMR meter.
- The current UNC requirement of 2 business days (although the files are turned around within the day) to provide the information may not add the required benefit for Suppliers. A solution whereby the data is received instantly may also be required.

Assumptions:

- The Market Sector Flag held on the system will be populated for all sites and will be maintained & accurate.
- Energy continues to be calculated, recorded and held at Meter Point level.
- xoserve continues to receive and hold data at Meter Point level, not aggregated data.

Design Option

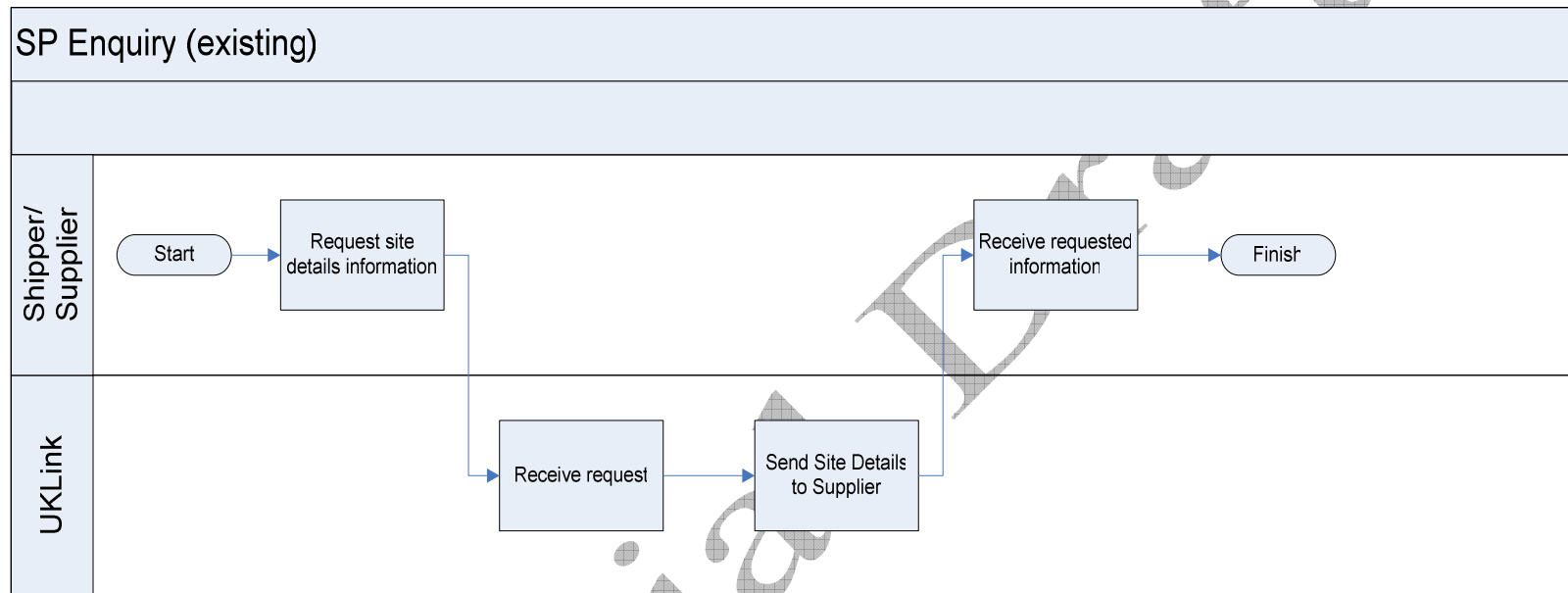
- A solution that will enable a fast turnaround of enquiries.

Volumes

- The following information is only a view at this stage, more accurate volumes will be required at the cost stage of the requirements;
 - Potentially 400,000 Meter Points
 - On average 3-4 Suppliers requiring the information per Meter Point
 - Peaks may be twice a year in April and October

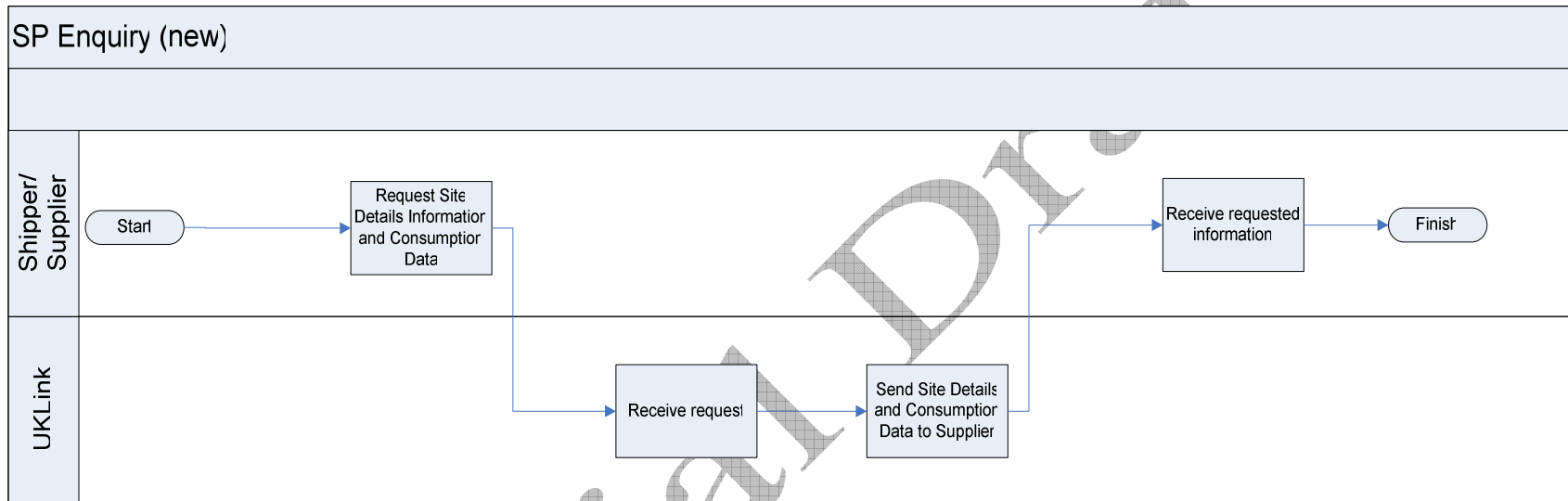
4. Business Process Model

Current Supply Point Enquiry process



New Supply Point Enquiry Process with the Introduction of consumption data

This process is in addition to the existing Supply Point Enquiry process.



5. Business Requirements Definition

Requirements:

- PN101 Applies to I&C sites only. Request for data for a Domestic site will be rejected. Currently this would only apply to sites with a Market Sector Flag of 'I' but this may change/be extended in the future.
- PN102 The existing Supply Point Enquiry process will not be affected.
- PN103 Shippers will need to submit a request for the existing Supply Point Enquiry or the new Supply Point Enquiry which will include the consumption history per Meter Point. For clarification, two separate processes will exist.
- PN104 The Shipper submitting the request must be a Registered User.
- PN105 A record will be logged and maintained that the Shipper has gained permission from the consumer. Where the consumer's permission has not been gained the request will be rejected.
- PN106 Request for data will only be provided for Meter Points with Advanced Meters (AMR) fitted. Where an AMR is not fitted the request will be rejected.
- PN107 Consumption provided will be in kWh.
- PN108 Only 'Closed Out' Consumption data will be provided (D-5 days of the Supply Point Enquiry receipt date).
- PN109 The additional data to be included on the new Supply Point Enquiry is;
a. Meter Point Consumption, based on an actual or estimated meter reading
b. Consumption (reading) date
c. The Read Type that the consumption was calculated from
- PN110 Data provided will be for a maximum of 2 years from the date of receipt of the Supply Point Enquiry or, if 2 years data is not available; from the date the AMR was fitted on the system
- PN111 The consumption data held for the specified period will be issued to the shipper, whether daily consumption, monthly, annual etc.
- PN112 System will need to record that an AMR meter is fitted at the Meter Point.
- PN113 Requests will be made for a Supply Point but the data provided will be at Meter Point level
- PN114 For Supply Points with both AMR and non AMR meters fitted, the additional data will only be provided for Meter Points with AMR fitted. The response to notify the Shipper of this for each Meter Point where an AMR meter is not fitted (as per xserve's records)
- PN115 The response, whether accepted or rejected, will be issued within the UNC timescales (currently 2 business days although timescales may be reviewed).

PN116 Audit trail to be held of the request, request date, Shipper, and whether rejected or accepted, if rejected the rejection reason and if accepted, the date the response was issued. The record of the warrant from the consumer must also be held by the Supplier.

Initial Draft

6. Document Control

Version History

Version	Status	Date	Author(s)	Summary of Changes
1.0	Initial Draft	28/06/2010	xoserve	Draft based on ICOSS requirements, for review at Project Nexus AMR Topic Workgroup

Reviewers

Name	Version	Date
xoserve	1.0	28/06/2010 Reviewed against requirements described by ICOSS
Gas Transporters AMR Workgroup		

Approval

Name	Role	Date
AMR Workgroup		
PNUNC		