



UK Link - Programme Impact Assessment Process Templates

To be authorised by a minimum level of a XM1 manager
 All fields are mandatory. IA Requests without sufficient information will be rejected & returned to the originator.
 Section 1: Completed by Requestor (page 1-2)
 Section 2: Completed by Flash Validators (page 3)
 Section 3: Completed by Supplier of Change / UAT Testing Team (page 4)
 Section 4: Completed by Impact Assessment Approvers (page 5)
 Section 5: Completed by Development Team
 Section 6: Completed by SIT Team
 Section 7: Completed by UAT Team
 Please submit this form to: .box.xoserve.UKLinkProgramme
 Guidance notes in blue are to be deleted before submission

Section 1: To be completed by the IA requestor:

UK Link Programme Impact Assessment Form	
**Impact Assessment ID:	UKLP IADBI292
XRN log Number (if applicable):	
Change Title:	<i>Changes to the upper parameter of the XDO partial refresh file.</i>
XM1 Owner	<i>Helen Pardoe</i>
Fast Track IA (Y/N):	<i>Yes</i>
Date Raised:	<i>01/02/17</i>
Raised By:	<i>Jon Follows</i>
Originator:	<i>Work Stream</i>
Source of Change:	<i>- Solution Design Gap</i>
Date Approval Required By:	<i>The IA outlining the cost and possible implementation dates are required at the earliest opportunity.</i>
Portfolio Impact (Yes/No):	<i>No</i>
Portfolio Impact Details:	<i>N/A</i>
Required in Legacy (Yes/No):	<i>No – Legacy is able to provide a partial refresh for these volumes.</i>
RRC Impact (Yes/No)	<i>No</i>
Priority (1-Critical, 2-High, 3-Medium, 4 - Low):	<i>2</i>
Requested Implementation By Date:	<i>ASAP post the UK Link Go Live date of 1st June 2017.</i>
Change Description:	<i>We have an SLA with the DCC to provide a full or partial refresh file to them within 3 business days or 4 calendar days (whichever is sooner) of the request being made. The full refresh facility has been set up within SAP BW but the partial</i>

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UK Link Programme Impact Assessment Form

refresh set up does not fully meet the obligations outlined in the Smart Energy Code (SEC). There is no limit to the number of MPRNs the DCC can request a partial refresh for, therefore it is possible that the request could be anything up to c24m. Currently the partial refresh is set up to run by MPRN with a restriction of 30,000 MPRNs as a maximum within an input file. This means the report is not fit for purpose for requests greater than this parameter.

On transition and cutover to new UK Link not being able to provide the partial refresh greater than 30k MPRNs in new UK Link could lead to a degradation of service. A request greater than 30k MPRNs will result in a breach in the SLA (4 calendar days or 3 working days whichever is sooner) we have in place with the DCC and will affect data integrity at the DCC.

Whilst it is acknowledged that this change cannot be implemented for NEXUS Go Live date, this change is required for an early release to ensure that the Xoserve solution remains fit for purpose for the enduring period.

An IA to inform our external stakeholders of timelines and costs to make this change are required at the earliest opportunity.

Requirements Discussion Output:

The requirement is to remove upper limit on number of records on input file only; that is used to request partial extract generation. The partial extract response file is XDO, which is expected to be split into 1 million records per file (approx. 150K transactions per file) inline with full extract response (XDO again).

Tier 2 IA Supporting Questions:

- How does this requirement impact the services for iGT sites?
Response: Yes
- How does this requirement impact Unique sites?
Response: No
- Are there any non-functional requirements linked to this change?
Response: Performance testing. Data extract should not impact BAU processes
- Are the boundary conditions, if any, clearly defined?
Response: None as part of this CR.
- Does the requirement require any additional consideration based on the class of site?
Response: None as part of this CR
- Does this CR have any links to other known CRs?
Response: None

Query Register Output: None

Tier 2 IA Assumptions:

- DCC will provide the list of meter points for partial XDO in an agreed CSV format.
Response: Valid assumption
- An automated interface for input list of MPRNs is not required, this will be processed offline
Response: Valid assumption. The input list of MPRNs is provided to Service Desk via DCC Sharepoint. The current process (in SAP) does not change.
- There are no file splitting requirements.
Response: Not a valid assumption. The output partial refresh file should be subjected to same splitting requirement that the full refresh file is currently (in SAP) subjected to. It is believed that current SAP system splits the full refresh extract into 1 million records per file (150K transactions per file), the same rule applies to partial refresh extract file as well.

Reason for Change / Justification:

The change is required to ensure that the obligations in the Smart Energy Code are fully met. At present a request greater than 30k MPRNs can not be met.

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The SEC does not stipulate a size restriction and therefore the DCC / DSP can submit a partial request of any size up to a full portfolio.

Requirement relevant to the Request:

There is a requirement for Xoserve to generate a partial refresh file to the DCC / DSP for up to c24m MPRNs.

Impacted System(s):

The file is generated from SAP BW

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