



Release 2 – XRN4249

Address Maintenance Solution

05/03/2018

XRN4249 - Change Brief

- This change reinstates the PAF updates in order to receive and apply address updates from a central source which stopped prior to Project Nexus implementation
- Monthly files will be received from GB Group that will be processed in UK Link for addresses that have GB Mailing I.D. (To be noted - iGT data does not have GB Mailing ID so iGT data will not undergo any updates)
- As this change is reintroducing processes that were previously available in legacy UK Link, we do not foresee any impacts to external User systems
- The delivery of this CR will improve address data and accuracy in line with PAF

DSG Action – 05th February 2018

BC provided a scenario of an address update and questioned whether the update would work. What would happen if an address change is received for an address that did not exist in the system in April 2017 – this would be rejected?

DT responded that this is a good question regarding sequencing.

- The reinstatement of the Monthly PAF File updates is not reliant on the need to have processed a previous month(s) edition. The update we perform is based on a one off notification that a change to an address has occurred and we then locate the pertinent target address by virtue of a unique number that is attributed to that address. This unique number is known as the GB Mailing I.D.
- In response to the specific point raised, if an address (a meter supply point) didn't exist in April 2017 but did get created in, say, October 2017; the address would be updated if we receive a subsequent notification of an address update in any monthly edition post the re-establishment of the Monthly PAF update process.

Address Update Sequencing

The address update process was stopped in April 2017, key question is do we apply the updated from when this services was stopped until it is reinstated?

To reinstate the update from June 2018 does this require the sequencing of updates from April 2017 through to June 2018?

- There are approximately 7k records that are updated on a monthly basis. This means for the 14 month period this equates to approximately 100k records to be updated
- It is considered a low risk if updates from April 2017 - June 2018 are not applied. This would equate to a <1% degradation of addresses for 22M GT specific MPRNs held on the UK Link System
- Reinstating updates from June 2018 can be planned without considering the need to apply updates for the period April 2017 to June 2018. To be agreed with Customers

Migration Options

Serial Number	Options	Benefits	Risk	Mitigation
1	Do not perform migration – just reinstate the process from June 2018	<ul style="list-style-type: none"> - Will not result in bulk address updates - Reinstating of the process will be seamless to the Industry - Improves address quality from June 2018 	<ul style="list-style-type: none"> - There will be <1% of degradation of address data from April 2017 - June 2018 	<ul style="list-style-type: none"> - Agree with Industry on the approach
2	Perform migration as a bulk update for the 14 months data to be applied	<ul style="list-style-type: none"> - There will be continuity on the process from when it was stopped in April 2017 - There will be very minimal degradation of address information 	<ul style="list-style-type: none"> - Shippers will receive proportional number of address updates via NAC files - Implementation window might be potentially extended, depending on the performance of bulk address update - Less time to rectify issues 	<ul style="list-style-type: none"> - We could stagger the NAC files at an agreed pace or suspend the NAC files if the Shippers do not want to receive these files
3	Perform migration in phases to cover the 14 months data across the whole month of June 2018 (eg at weekends outside of core business day processing)	<ul style="list-style-type: none"> - There will be continuity to apply address updates in sequence from when the service was stopped in April 2017 - There will be minimal degradation of address information <ul style="list-style-type: none"> - Controlled implementation 	<ul style="list-style-type: none"> - Shippers will receive proportional number of address updates via NAC files 	<ul style="list-style-type: none"> - Suspend the NAC files if the Shippers do not want to receive these files