Problem/Issue Identification and Description

**Submittal Date**: (10/01/2024) **PIM # 156 v1**

**Company(s) Submitting Issue**: Neustar, a TransUnion Company

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**(NOTE: Submitting Company(s) is to complete this section of the form along with Sections 1, 2 and 3.)**

1. **Problem/Issue Statement:** (Brief statement outlining the problem/issue.)

Due to the current SPID Migration count constraints, the majority of SPID Migration windows are full.

Service Providers (SPs) must find the next available window which can be weeks/months from the desired date. SPs are also scheduling more SPID Migrations than desired across available SPID migration windows to stay within the current record max counts.

1. **Problem/Issue Description:** (Provide detailed description of problem/issue.)

A. Examples & Impacts of Problem/Issue:

Background:

From posted SpidMigrationCalendar:

*“Per LNPA-WG, effective January 1, 2006, the number of SPID Migrations per Sunday maintenance window will not exceed 7 per region and no more than 25 in all regions. The maximum SV count for all migrations in a region is 500,000.*

*Effective November 11, 2009, there will be no limit on the number of LRNs that can be migrated per maintenance window.”*

The SPID Migration Calendar is often full due to the amount of SPID Migrations requested and max counts outlined above. Service Providers are spreading out their migration activities due to limited SPID Migration window availability and the SV count constraint.

NPBs are being counted as 1,000 SVs vs 1 record. This calculation for including NPBs in SV counts inflates the record counts.

For example, if the SP has 85 NPBs to migrate, along with 450K SVs in a given LATA/target SPID Migration region, the SP is over the max as the 85 NPBs are currently counted as 85,000 vs 85. Now the SP is splitting the migration and scheduling over 2 SPID Migration windows vs just 1.

B. Frequency of Occurrence:

We’ve been receiving an increasingly number of complaints from Service Providers that the SPID Migration windows are full. The majority of SPID Migration dates on the SPID Migration calendar are full.

1. NPAC Regions Impacted:

Mid Atlantic \_\_\_ Midwest\_\_\_ Northeast\_\_\_ Southeast\_\_\_ Southwest\_\_\_ Western\_\_\_

West Coast X ALL

D. Rationale why existing process is deficient:

The current SPID Migration count constraints cause additional workload on teams to manage and coordinate migration activities, including the HD, the SP’s System Engineers, TN/Code Admins, PMs, LNP PortIn/PortOut teams, and the SP’s network providers.

E. Identify action taken in other committees / forums:

Issue raised at CAB meetings as well as LNPA WG in the past (NANC 457 below).

**NANC 457:**

During the May 2013 LNPA WG meeting, participants discussed a pending request for a SPID Migration of 840,000 SV records, that included 880 Number Pool Blocks.  Since all LSMSs are now EDR, the actual number of records to be updated was approximately 1000, and not 840,000, but the SPID Migration needed exception processing because it exceeded the TN threshold of 500,000.  This led to a July 2013 LNPA WG discussion about the “count” method.  The consensus of the WG was that in the current all-EDR environment, the quantity of pooled SVs is no longer relevant, and as such the count should use Number Pool Block records and not pooled SV records.

**Description of Change:**

This change order is being created to change the definition of TN threshold for a SPID Migration. Pooled SVs will no longer be factored into the count of SV records affected by a SPID Migration.

Unfortunately, the CO wasn’t implemented (detail in meeting minutes):

[January 8, 2019, LNPA TOSC meeting minutes](https://urldefense.proofpoint.com/v2/url?u=https-3A__workinggroup.numberportability.com_sites_workinggroup_files_2023-2D11_01-2D08-2D2019-2520-2D-2520LNPA-2520TOSC-2520Meeting-2520Minutes-2520-2D-2520Final.docx&d=DwMGaQ&c=7gn0PlAmraV3zr-k385KhKAz9NTx0dwockj5vIsr5Sw&r=Osd9vP8lJBN9nBS031d2QpU8ca7wKkkPhlgcD2JPBa4&m=5P1ALBnP9rPzFg-W8iEjJBmNzIXLPBiekmRuy2ZyzwJiSv1UIA8flAjT-VjCMmQn&s=n0ZT6qwmn7mwXoIfqAptCplbYBRR88NT2MQFH3u725E&e=)

F. Any other descriptive items:

1. **Suggested Resolution:**

First, do not include NPB records in SV Count calculation.

Just like the Record Count for Codes (NPA-NXX) is 1, Record Count for Blocks (NPA-NXX-X) should be 1, not 1,000.

This PIM submitted to revisit the initial request and review issues with the original Change Order, make corrections, and implement.

Next, collectively revisit current counts (i.e. can 25 increase to 35 in all regions; can 500K increase to 750K SVs) and the associated impact:

*“Per LNPA-WG, effective January 1, 2006, the number of SPID Migrations per Sunday maintenance window will not exceed 7 per region and no more than 25 in all regions. The maximum SV count for all migrations in a region is 500,000.”*

1. **Final Resolution:**

**NPIF (only)**

PIM #: 156 Final Resolution Date:

Related Documents:

Issue Resolution Referred to:

Why Issue Referred: