Problem/Issue Identification and Description

**Submittal Date** (mm/dd/yyyy): 11/02/2021 **PIM # 141 v2**

**Company(s) Submitting Issue**: iconectiv

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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.)

Currently, there is no limit to the number of delegate SPIDs that a single grantor SPID can have. There are currently grantor SPIDs that have multiple delegate SPIDs. Adding delegate SPIDs can significantly increase the overall volume of notifications, as notifications to a grantor SPID may also be sent to each of its delegate SPIDs.

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

A. Examples & Impacts of Problem/Issue:

The embedded PowerPoint file contains additional details. These PowerPoint slides were reviewed with the APT group during its meetings from July through October 2021.



B. Frequency of Occurrence:

As described in the APT presentation, the current maximum number of delegate SPIDs configured for a single SPID is 2, while previously the maximum number of delegate SPIDs configured for a single SPID was 3.

Also as described in the APT presentation, 30% of all notifications generated in September 2021 were for delegate SPIDs.

1. NPAC Regions Impacted:

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

West Coast\_\_\_ ALL X

D. Rationale why existing process is deficient:

If the number of delegates that can be configured for a given grantor SPID is unbounded, it creates an opportunity for a massive increase in the number of notification messages that would need to be generated by the NPAC and sent to local systems. As the APT presentation describes, simply doubling the existing number of delegate SPIDs configured for the current grantor SPIDs would result in almost half of all notifications generated being generated for delegate SPIDs.

This PIM does not suggest that there needs to be any limit on the number of grantor SPIDs that a single delegate SPID can have configured.

E. Identify action taken in other committees / forums:

This functionality was reviewed during several APT meetings in 2021. There was some discussion around what limits, if any, should exist. Ultimately, the group agreed on a limit of 5 delegate SPIDs for a single grantor SPID.

F. Any other descriptive items:

1. **Suggested Resolution:**

Limit the number of delegate SPIDs that may be configured for a single grantor SPID to 5. Through M&Ps, introduce procedures to prohibit configuration of more than 5 delegate SPIDs for a single grantor SPID.

1. **Final Resolution:**

**This PIM resulted in the creation of Change Order 559 which recommends updates to the Industry Specifications. For further information refer to CO 559.**

**NPIF (only)**

PIM #: 141 v2 Final Resolution Date:1/11/2022

Related Documents: PIM 130 , CO 559

Issue Resolution Referred to:

Why Issue Referred: