**Origination Date:** 07/07/2015

**Originator:** iconectiv

### Change Order Number: NANC 461

**Description:** Sunset List –Local System Impact

**Functional Backwards Compatible:** Yes

**IMPACT/CHANGE ASSESSMENT**

|  |  |  |
| --- | --- | --- |
| DOC | FRS | IIS |
| Y | Y |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CMIP | GDMO | ASN.1 | NPAC | SOA | LSMS |
| Y | N | N | N | N |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| XML | XIS | XSD | NPAC | SOA | LSMS |
| N | N | N | N | N |

**Business Need**

From the NPAC sunset discussions, a list of features that were no longer needed in the NPAC was identified for sunsetting. It was decided the Sunset list should be divided into two groups, those that have no local system impact, and those that have a local system impact.

NANC 461 concerns sunsetting those items that **do** have a local system impact, consisting of the following features:

* 1.1 – Sunset the ability for Service Providers to update their CMIP network data in their customer profile
* 1.3 – Sunset unused Customer Contact information on NPAC Admin GUI and LTI

The full list of features identified for sunsetting is in the attached document.



Note – although the sunset features contained in this change order would have local system impacts, the way they were implemented by the iconectiv NPAC to support the transition does not require any local system changes. This change order describes only the FRS and IIS/EFD changes associated with sunsetting these features. At some future date, the GDMO and ASN.1 changes associated with sunsetting these features will be implemented.

**Description of Change:**

**FRS Changes:**

In Section 4.1.1 on User Functionality, update requirements R4-2 and RX4-2 on what Service Provider data can be modified:

[snip]

R4‑2 Modify Service Providers

NPAC SMS shall allow modification of the NPAC Customer Name attribute only of Service Provider data via the NPAC SMS-to-Local SMS interface or the SOA-to-NPAC SMS interface. Service Providers can only modify their own data. (Service Provider management from the SOA and LSMS applies only to the CMIP interface, not the XML interface)

[snip]

[snip]

RX4-2 Authorized Service Providers Modify Their Own Data

NPAC SMS shall allow authorized Service Provider personnel to modify the NPAC Customer Name attribute only of their own Service Provider data.

[snip]

Update narrative in Section 4.1.2.2 and requirement R4-15.1 to clarify what can be modified.

[snip]

4.1.2.2 Service Provider Data Modification

NPAC personnel and the SOA-to-NPAC SMS interface (CMIP only) and the NPAC-to-Local SMS interface (CMIP only) can request that Service Provider data be modified in the NPAC SMS. The SOA-to-NPAC SMS interface and NPAC-to-Local SMS interface are limited to changing the NPAC Customer Name attribute, and no other attributes may be modified via these interfaces. The functionality described below enables the user to modify data for the Service Provider.

[snip]

[snip]

R4‑15.1 Modify restrictions on Service Provider data - Service Providers

NPAC SMS shall prohibit modification of the Service Provider data listed in Table 3‑3 NPAC Customer Contact Data Model and the OSI Address and Internet Address information in Table 3‑4 NPAC Customer Network Address Data Model by the SOA-to-NPAC SMS interface, the NPAC-to-Local SMS interface, and the LTI.

[snip]

IIS Changes:

Update Section 2.3.4 on Service Provider Data Administration via SOA.

[snip]

Section 2.3.4 Service Provider Data Administration

Service providers can use, read, and update their service provider information on the NPAC SMS using the SOA. Service providers can update the NPAC Customer Name in the service provider profile. Changes to other service provider information must be initiated by the service provider contacting the NPAC personnel directly.

[snip]

Update Section 2.4.2 on Service Provider Data Administration via LSMS.

[snip]

Section 2.3.4 Service Provider Data Administration

Service providers can use, read, and update their service provider information on the NPAC SMS using the Local SMS to NPAC SMS interface. Service providers can update the NPAC Customer Name in the service provider profile. Changes to other service provider information must be initiated by the service provider contacting the NPAC personnel directly.

[snip]

Update Section 4.1.2 on Managed Object Interface Functionality, Exhibit 9. Managed Object Interface Functionality Table, rows concerning Service Providers:

[snip]

|  |  |
| --- | --- |
| lnpServiceProvs | Container object used to contain all service provider data on the NPAC SMS. It is used in the NPAC SMS to Local SMS interface and SOA to NPAC SMS interface to support retrieving of service provider data by the Local SMS and/or SOA and the functionality that allows service providers to update their service provider data (serviceProvName only) on the NPAC SMS. Service providers can only retrieve their service provider data. |

[snip]

[snip]

|  |  |
| --- | --- |
| serviceProv | Object used to represent a service provider and its associated data on the NPAC SMS. These objects are used in the NPAC SMS to Local SMS and SOA to NPAC SMS interfaces to support retrieving of service provider data and the functionality that allows service providers to update their service provider data (serviceProvName only) on the NPAC SMS except serviceProvId and serviceProvType. Service providers can only retrieve their service provider data. |

[snip]

**EFD Changes:**

Section B.3.4, update first paragraph::

[snip]

**B.3.4 Service Provider Modification by the Local SMS**

In this scenario, the Local SMS modifies its own service provider data. Modification of service provider data is limited to the NPAC Customer Name.

This flow is not available over the XML interface.

[snip]

Section B.3.5, update first paragraph.

[snip]

**B.3.5 Service Provider Modification by the SOA**

In this scenario, the SOA modifies its own service provider data. Modification of service provider data is limited to the NPAC Customer Name.

This flow is not available over the XML interface.

[snip]

**GDMO Changes:**

The serviceProv object behavior will be modified as shown below to indicate that only the NPAC Customer name can be modified over the SOA/LSMS interface.

[snip]

-- 15.0 LNP Service Provider Managed Object Class

serviceProv MANAGED OBJECT CLASS

DERIVED FROM serviceProvNetwork;

CHARACTERIZED BY

serviceProvPkg;

CONDITIONAL PACKAGES

serviceProvBillingAddressPkg PRESENT IF

!the service provider has billing address and contact

information!,

serviceProvSOA-AddressPkg PRESENT IF

!the service provider has SOA address and contact information!,

serviceProvLSMS-AddressPkg PRESENT IF

!the service provider has LSMS address and contact information!,

serviceProvWebAddressPkg PRESENT IF

!the service provider has Web address and contact information!,

serviceProvNetAddressPkg PRESENT IF

!the service provider has network and communication facilities

address and contact information!,

serviceProvConflictAddressPkg PRESENT IF

!the service provider has conflict resolution interface

address and contact information!,

serviceProvOperationsAddressPkg PRESENT IF

!the service provider has operations address and contact

information!,

serviceProvRepairCenterInfoPkg PRESENT IF

!the service provider has repair contact information!,

serviceProvSecurityAddressPkg PRESENT IF

!the service provider has security contact information!,

serviceProvUserAdminAddressPkg PRESENT IF

!the service provider has user administration interface address

and contact information!;

REGISTERED AS {LNP-OIDS.lnp-objectClass 15};

serviceProvPkg PACKAGE

BEHAVIOUR

serviceProvDefinition,

serviceProvBehavior;

ATTRIBUTES

npacCustomerAllowableFunctions GET,

serviceProvAddress GET-REPLACE,

serviceProvSysLinkInfo GET-REPLACE;

;

serviceProvDefinition BEHAVIOUR

DEFINED AS !

The serviceProv class is the managed object

used on the NPAC SMS to contain the data related to each

LNP service provider.

!;

serviceProvBehavior BEHAVIOUR

DEFINED AS !

NPAC SMS Managed Object used for the Local SMS to NPAC

SMS interface.

A Local SMS and service provider SOA can M-GET their

serviceProv object (Network Data Association Function).

Attempts to read any unauthorized service provider information

will be rejected.

Only the serviceProvName attribute can be

M-SET by the Local SMS and SOA Interfaces once the object has been

created on the NPAC SMS.

Attempts to modify any other attributes by the Local SMS or SOA

Interfaces will be rejected.

!;

[snip]