Cross-Networking and Reassignment Rules for Cisco PowerVu Receivers Technical Reference

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Introduction

This document provides cross-networking and reassignment rules for Cisco PowerVu receivers.

Audience

This document is intended for all users who are responsible for importing and authorizing receivers using the PNC system.

SSN Processes for Receivers

The following is a list of three processes for migrating receiver units between programmers:

1. Cross-Networking - Programmer A owns a unit and allows Programmer B to add the unit to its PNC database. The unit remains in possession of Programmer A. This process can be repeated with other programmers.
2. Reassignment - Programmer A gives Programmer B full ownership of a unit that was previously owned by Programmer A. As a result, Programmer A gives up the rights to the unit, with the intent of not using it any further for broadcasting.
3. North Americal Pool (NAP) - If a unit is assigned to NAP, all the participating broadcasters will receive the SSNs. This is for U.S. broadcasters only.

Rules

Cisco only allows shared ownership through cross-networking on units that cannot be used by two programmers **at the same time**. This is also in agreement with the general PowerVu Programmer group.

Cross-networking and North American Pool is allowed on the legacy receivers (for example, D9859, D9858, D9824, D9865, D9854) and the D9800 single-stream units (D9800-SS). All the listed models can only be connected or used by one programmer at a time due to the single tuner on the legacy receivers and the D9800 single-stream units.

The D9800 multi-stream unit (D9800-MS) has multiple tuners to allow reception of different transponders and it is capable of processing multiple streams, but it should only be used when those transponders belong to the **same** programmer. Sharing the use of the D9800 multi-stream unit amongst two or more programmers is not allowed, as stated in agreement with our PowerVu customer base, for the following reasons:

- Only one PNC uplink can control the actual unit (decoder lockout, ports, any device related functions), which may cause major issues in a shared environment with multiple owners and systems.

- Only one uplink can manage the software on the unit and reboot the unit during an upgrade. This may cause issues in a shared environment during upgrades.
- The PowerVu system can be configured with varying levels of security. This can cause issues in a shared programmer environment since the channels may come from different uplink systems with potentially different release levels and security configurations.

For the reasons listed above, the community agreed to only allow **single ownership of the D9800 multi-stream units** or in the context of the Cisco SSN process, only **full reassignment** is allowed if both parties agree on the terms (only one programmer authorizes the unit). The owner that is agreeing with the transfer of ownership to the new programmer is required to remove the unit (and the relevant user addresses) from its database.

If you have any questions, contact Cisco Services.

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