



## OSPRey-NP Number Portability Server

OSPRey-NP is a specialized software package designed for hosting the U.S. Number Portability database.

### The Need

Up to 40% of all telephone calls in the U.S. are made to ported telephone numbers. Routing calls based on the dialed telephone number can cause up to 40% of all calls being misrouted. For VoIP service providers, misrouted calls can degrade quality of service and increase termination fees by 15%-25%. Number portability correction becomes more critical everyday as the share of ported numbers continues to increase.

### The Solution

The solution is simple and well established. Route telephone calls based on the 'Routing Number', not the dialed telephone number. However, for SIP service providers sending a number portability query to an external database adds expense and critical dependency on an external network resource.

OSPRey-NP solves these problems for service providers. OSPRey-NP is a simple, low cost, high performance software platform for hosting the U.S. number portability database locally within your network. The OSPRey-NP server automatically stays synchronized with the U.S. Number Portability Administration Center (NPAC, [www.npac.com](http://www.npac.com)) to ensure that your network has a near real time copy of the NPAC.

The OSPRey platform has been used in carrier operations since 2000. OSPRey-NP is a specialized version of the OSPRey platform and is based on years of proven carrier grade reliability and performance.

### Features and Benefits

- Locally host the NPAC within your network: lower operating risk, faster queries
- Continuous, automatic updates from NPAC ensure near real time number portability data
- New revenue – sell number portability query services to your customers
  - Controls query access by customer
  - Generates query records by customer and NPAC region
  - Optional billing package available
- Simple to install and easy to use. Proven reliability
- Supports either SIP or OSP protocols for number portability queries
- Certified interoperability with GSMA Pathfinder international number portability service

### Host Server Requirements

- Operating System: Red Hat Enterprise Server V5 or CentOS V5.4
- Ports required: 1080, 1081, 1082, 1083, 1101, 1102 and 5060
- 32 GB of RAM required to host all eight NPAC regions

### Pricing

- \$10,000 for a site license. Purchase financing and rental options are available
- Free installation and a 30 day evaluation trial for qualified customers
- OSPRey-NP does not include a subscription to the NPAC number portability database. A subscription to the NPAC database must be purchased separately from third party vendors.

For more information go to [www.TransNexus.com](http://www.TransNexus.com) or contact [info@TransNexus.com](mailto:info@TransNexus.com)