



Local Number Portability

Get access to our high quality SS7 network that reaches across a national footprint and you can take advantage of other Advanced Intelligent Network (AIN) services, too.

Working with Verizon for regional or national Local Number Portability (LNP) coverage, you'll have the advantage of using our existing LNP network infrastructure to obtain Location Routing Number (LRN) information to facilitate call routing. Our network positions you for faster speed-to-market, eliminates your need to negotiate access with multiple service providers and allows you to preserve capital for growing your network.

The Service

LNP is a circuit-switched network capability that allows carriers on one switching system to move directory numbers to a different switching system. Mandated by the Federal Communications Commission in July 1996, LNP enables subscribers to change local service providers without changing their phone number. Our LNP service helps carriers rise to the challenge easily and cost-effectively by offering:

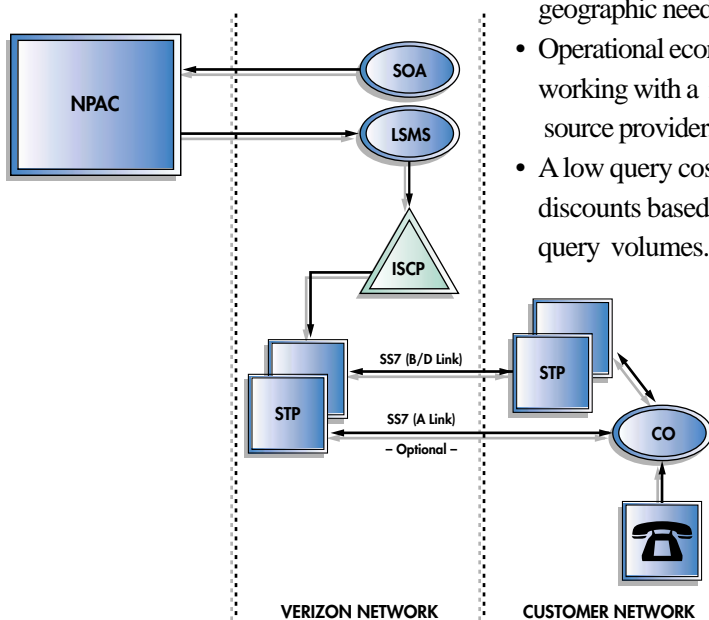
- Nationwide service or regional coverage tailored to meet your geographic needs.
- Operational economies inherent in working with a reliable, single source provider.
- A low query cost and volume discounts based on your query volumes.

- Significantly faster deployment in your customer markets utilizing our existing LNP infrastructure.

How Verizon's LNP Works

When your subscribers dial a ported NPA-NXX, your Central Office will launch a query to a Verizon Signal Transfer Point (STP) over an SS7 link. This routing can occur directly or through your STP. Then, our Verizon STP directs the query to the LNP database, which maintains current ported number routing data. The information is sent back to your switch for instantaneous routing of the call.

So that you experience flawless service, we take the necessary steps to ensure the integrity of our LNP database. The ISCP LNP database is updated by our Local Service Management System,



Here's how Verizon provides routing information when one of your subscribers dials an NXX with a ported number. Your Central Office routes the query to a Verizon Signal Transfer Point (STP) over an SS7 link, either directly or via your STP. The Verizon STP directs the query to the LNP database in the Verizon ILEC Service Control Point (ISCP) which maintains current ported number routing data. The information is sent back to your switch, which routes the call. The ISCP LNP database is updated by our Local Service Management System (LSMS), which periodically downloads information from the Number Portability Administration Center (NPAC). The NPAC serves as a clearinghouse for ported-number routing information, data reported to it by the original carrier's Service Order Administration (SOA).

which downloads information from the Number Portability Administration Center (NPAC) to keep the LNP database current. The NPAC serves as a clearinghouse for ported number routing information reported by the original carrier's Service Order Administration to ensure accuracy.

Network Reliability

With our LNP service comes assurance of network dependability. Through Verizon's Network Operations Center (NOC), we closely monitor all network elements to bring you seamless connectivity and performance – 24 hours a day, 7 days a week, 365 days a year. NOC technicians can identify and isolate potential problems in the

network if they arise and implement corrective action immediately.

Additionally, we provide around-the-clock access to AIN support by professionals trained to give you the answers you need – quickly and efficiently.

Increase Profitability

Leverage your connection to our SS7 network. Just request for us to connect you to our Verizon CLASS and AIN services network, and you can generate new revenue by offering subscribers profit producing services like:

- Caller Name Deliver to identify the incoming caller's name and number.
- LIDB Storage Service to store and

validate your subscribers' calling card calls, and screen and validate billed numbers for collect and third-number billed calls.

- LIDB Access Service to retrieve the line information you need to support advanced services and reduce fraud.
- Carrier Selection Service to provide routing information for the toll free numbers your subscribers call – and other often requested services.
- AIN Access & Storage to house your AIN applications.

Talk with your Verizon account manager or contact us through our Web site at verizon.com/wholesale to determine how Local Number Portability can support your business strategy.