

Number Portability SOLUTION SHEET

SEGway™ Product Overview

PT enables carriers to comfortably address Number Portability (NP) mandates in their region. Carriers and service providers must undergo an upgrade in technical programming of their network infrastructure to successfully deploy this mandated service.

One of the primary objectives of NP is to empower subscribers with the ability to change their Network Operator while retaining their original Directory Number.

This significantly impacts carriers on a regional and global basis as the traditional destination of a number now becomes a virtual address as the Directory Number can no longer be associated with a specific service provider or a locale.

This affects not just billing and routing schema but also requires the addition of databases, Service Order Management systems, and procedures for enabling and monitoring the porting process.

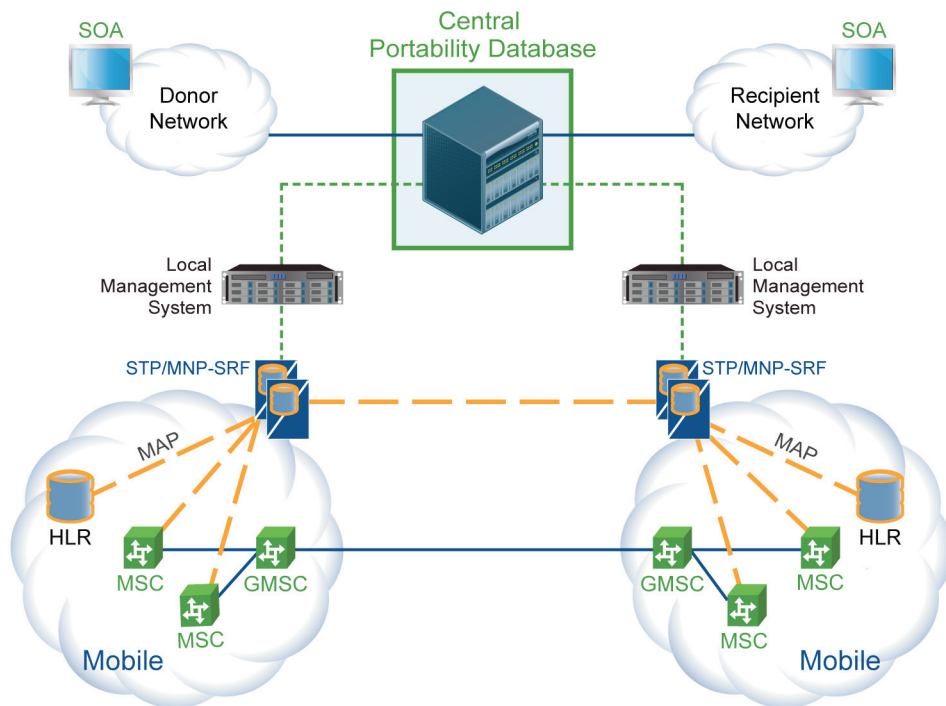
BENEFITS

Handles all NP Scenarios (direct, indirect, ACQ, QOR, OR, DB, MRF, VHLLR)

Available to Mobile, Fixed, Postpaid, Prepaid, Voice, SMS, and MMS applications

Modular and Fully Scalable to Support any Business Model and Long Term Requirement

Flexible Operational Environment



Number Portability Network Topology

Number Portability SOLUTION SHEET

Overview

Cutting-Edge Solutions

For nearly 30 years, PT has led the telecom industry with innovative, cutting-edge solutions shaping industry standards, and enabling carriers to have a strong foundation of highly reliable and scalable solutions to optimally meet any network challenge, including Number Portability.

PT's Number Portability solutions equip carriers with advanced capabilities to meet their challenges on time and under budget:

- **Native IP**
Assures smooth transition to NGN.
- **Designed to Open Standards**
Adaptable and flexible within the network.
- **Scalable**
From high performance, small format solutions to high capacity transactional applications.
- **Carrier Grade**
State-of-the-art technologies, with redundancy in all critical components.
- **Tightly Integrated Solutions**
Sophisticated and robust capabilities for PSTN and next-generation Packet Networks seamlessly integrated into a single, cost-effective and high availability platform.

Our scalable turn-key solutions can be quickly customized and fine tuned to your network. PT's platforms will not overwhelm the power and cooling capabilities of your existing environment while assuring your investment with long lasting performance. In addition, our Number Portability solutions are fully modular to support any business model:

- Cost efficient solutions are compliant to regional and international Industry Standards
- Integrated with Signaling Platform to provide high scalability and reliable performance
- Agnostic to the overall NP scenario (direct routing, indirect routing, etc.)
- Available to any application:
 - Mobile, Fixed
 - Voice, SMS, MMS
 - Postpaid, Prepaid
- Rapidly and seamlessly deployed into any carrier network infrastructure

PT's next-generation Number Portability architecture provides both circuit-switched (SS7/C7) and IP-based applications with access to portability corrected routing-number or routing-prefix data.

ORDERING INFORMATION

To discuss specific requirements and/or pricing, contact sales@pt.com.

CONTACT US

PT
205 Indigo Creek Drive
Rochester, NY 14626

Tel: +1.585.256.0200
Fax: +1.585.256.0791
E-mail: sales@pt.com

