

Neustar® OrderPath®

A Proven Intercarrier Ordering Gateway Solution



As the ability to transfer their telephone number to an alternative service provider becomes the norm for subscribers, operators need an efficient system to support and manage the number portability process.

Without the ability to recognize and handle number portability requests, the network will not recognize new customers within operators' business and operations support systems. This can result in customers' calls not being ported reliably, resulting in lost calls and dissatisfied customers.

ORDERPATH®

Neustar's OrderPath® product is a leading intercarrier ordering gateway, proven to support major operators' data exchange requirements.

It isolates and manages critical data exchanges, enabling other OSS and BSS systems to focus on their primary functions. The data exchanges supported by OrderPath are:

- Number Portability
- ENUM
- Directory Query
- Emergency Services

These are available as modules that can be enabled individually.

NUMBER PORTABILITY

OrderPath Number Portability Module simplifies number portability for network operators.

Incoming order information is supplemented with the necessary number portability data elements. OrderPath converts the information into a number portability subscription that can be processed by a central clearing house or by another service provider.

As new and changing number portability regulations create additional demands on service providers, OrderPath provides flexible configuration to help operators manage the changing specifications as well as the business rules that govern the inter-carrier porting processes.

ENUM

ENUM enables access to internet-based communications using a single telephone number. Customers are able to link multiple communications services to their telephone number, providing

a single point of contact for services such as email, instant messaging and Voice over IP (VoIP). Customers can also specify their preference regarding how they'd like to be contacted.

OrderPath supports the ENUM registration process for provisioning of end user services (for ITU E.164 complaint numbers). OrderPath provisions carrier ENUM databases as well as country-wide central ENUM registry database(s). The carrier and country ENUM databases allow for internal and external use of the ENUM infrastructure.

DIRECTORY QUERY & EMERGENCY SERVICES

The Directory Query and Emergency Services plug-in provides automated updates to providers of Directory Query and Emergency Services. Features of this plug-in include:

- Data formatting and standardization
- Validation of orders
- Updates to directory query and emergency data service providers
- Guaranteed delivery of data to service providers
- Full transaction and FTP history reporting
- Support of standard file formats
- Integration with billing systems

ORDERPATH HIGHLIGHTS

OrderPath is backed by 20 years of OSS development at Neustar. The result is a high quality system that provides quick, effective upgrades and high levels of performance, reliability and availability.

INTEGRATES EASILY

The OrderPath product integrates seamlessly with existing order flows and Point of Sale (POS) systems for both fixed and mobile carriers.

It provides an Application Programming Interface (API) between operators and the central clearing house or other service providers in order to implement the complex message protocols and processes required for any of the supported data exchanges.

OrderPath provides CORBA- and web services-based APIs for integration with neighboring OSS and BSS systems. The product is already integrated with NumeriTrack® number inventory system.

A DEPENDABLE SYSTEM

OrderPath is a carrier grade system, offering high levels of performance and reliability. This is the result of:

- Primary and failover servers
- Dedicated and backup connections
- Database persistence of all information related to the porting process
- Guaranteed delivery of messages to external systems
- Auto transmission retry
- Event logging
- Protocols for SNMP alarming and system metrics

ADAPTS TO OPERATOR NEEDS

The OrderPath product has been designed to support the needs of any country's data exchange requirements – and changes to those requirements over time.

The process flow for number portability, ENUM, Directory Query or Emergency Services can be easily configured for different numbering plans and individual operator requirements.

EASY TO USE

For stand-alone operation, the OrderPath software provides an intuitive, user-friendly web-based Graphical User Interface (GUI) which manages the order entry and mediation process. Data can be entered directly on the OrderPath GUI and processed.

CUTS TROUBLESHOOTING COSTS

The OrderPath product provides separate diagnostic and reporting features in addition to automating other management tasks to help service providers quickly and cost-effectively perform data exchange operations.

System users can query, track and manage activity by date, activity type, status, user identification and/or telephone number. These capabilities ensure any issues or errors in the process can be identified and resolved quickly and efficiently to maintain customer satisfaction.

ABOUT NEUSTAR

Neustar, Inc. is a leading global provider of information and analysis to the Internet, telecommunications, entertainment, advertising and marketing industries. Neustar applies advanced and proprietary technologies to its data to provide communications interconnection, market intelligence, analytics, supply chain management decision support, security and fraud prevention. For more information visit: <http://www.neustar.biz>.