Neustar® NumeriTrack®

Making Number Inventory Management a Reliable and Worry-free Process

Numbering resources are a key asset to service providers. Number management is now more complicated than ever due to the impact of local number portability activity, complex service offerings from providers that might include both mobile and fixed-line numbers, and increased reporting needs to meet regulatory requirements.

Managing the number inventory accurately is a challenging and critical operation for the business. Poor management can lead to inventory quality problems, multiple assignments of the same number, complex multi-system data synchronization problems and, above all, unhappy customers.

A CARRIER GRADE SOLUTION

Neustar's NumeriTrack® product is a real-time, full-featured, carrier-grade number management system used by service providers to manage their entire telephone number inventories.

With the NumeriTrack product, service providers can be confident in the accuracy of their number inventory in a complex and ever-changing environment.

HANDLING NUMBERING COMPLEXITY

As the demand for phone numbers continues to grow, the management of phone numbers and associated resources becomes more complex. Ensuring a number is "clean" before assigning it to a customer is increasingly important, but difficult to achieve as number inventory is often dispersed across multiple billing and CRM systems.

NumeriTrack supports a single number inventory source for all types of numbers: Mobile, Fixed Line, and VoIP. Through rich application interfaces, it also provides extensive support for multiple and diverse billing systems as well as the capacity to provide full automation integration with local number portability systems.

By providing a single integrated number management system, the NumeriTrack product can provide you with efficiency gains, better data integrity and simpler management of inventory.

IMPROVING EFFICIENCY

With the increased complexity of numbering, it is crucial to attack the problem with sophisticated software that supports near real-time updates, automation and the flexibility to handle to handle the difficult exception scenarios. The NumeriTrack product offers key functions that can significantly improve number management efficiency:

- Single View Global Management (SVGM) Screen – Near real-time dashboard that provides number administrators with up-to-date utilization calculations and 12 month forecasts for all markets and regions. The dashboard also provides real-time read and write access to all numbers, history records and number associations.
- Business Rules Support – Create custom rules to ensure your number inventory never empties of available numbers.
- Automated Utilization Notifications – Know about number shortages before they become a problem.

SIM/IMSI RESOURCE TRACKING

NumeriTrack manages SIM and IMSI resources through the manufacturer's ordering process as well as the resources' relationships with one another and with telephone numbers.

INTEGRATED, AUTOMATED REPORTING

The NumeriTrack product includes Assignment, Management and Reporting on inventory in a completely integrated and automated approach.

Regulatory agency utilization reporting is efficiently satisfied through use of the Telephone Number Utilization Report which may be exported to Excel®.

NUMERITRACK QUICK FACTS

The NumeriTrack application features help a service provider to properly manage its telephone number inventory.

The application provides carrier-grade features that are indispensable in today's business world. Key attributes of the NumeriTrack product are:

- Configurable numbering plan definitions may be added and/or updated within your instance, providing all of the benefits of NumeriTrack tailored to your numbering scheme(s). NumeriTrack supports concurrent use of multiple numbering plans within the same instance of the application.
- Manages inventory according to national numbering regulations
- Best of breed automation for regulatory report generation, utilization reporting, forecasting and management of service provider inventory
- Sophisticated connectivity logic for multiple and diverse billing and ordering systems

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- Complete integration capabilities for local number portability support

- Pre-integrated with OrderPath® – Neustar's North American Numbering Plan (NANP) local number portability application, with simple configuration to setup connectivity

- Flexible customer definable data hierarchies to assign, manage and report on inventory through data views that match the individual service providers' business. Multiple hierarchies may be defined, giving each of your departments their own customized views into the inventory

- Flexible customer definable attributes for association to telephone numbers and associated numbers

- Significant audit capabilities with transaction history for all inventory activities including configurable resource record history

- Asynchronous SOA based API with guaranteed delivery

- Superb user training, product documentation and support

- Provides interoperability with multiple OSS/BSS systems

- Proven performance and scalability for a top 3 wireless provider in the United States of America

MULTIPLE CONFIGURATION OPTIONS

NumeriTrack delivers carrier-grade reliability through multiple configuration options:

- Single system enterprise number management

- High Availability with hot or cold backup

- Distributed application over multiple servers

- Dedicated channels for multiple billing and order entry system integration

- Complete audit capabilities for user and system transactions

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.

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