

NUMBER MANAGEMENT

Number Management is an intuitive, web-enabled tool that effectively assists a Competitive Local Exchange Carrier (CLEC) in managing and administering its local telephone number inventory.

PRODUCT OVERVIEW

STRATEGIC ADVANTAGES

Enhanced Revenues

Resulting from faster turnaround time of telephone number assignment.

Manageability

Enables staff to effectively manage entire inventory of telephone numbers.

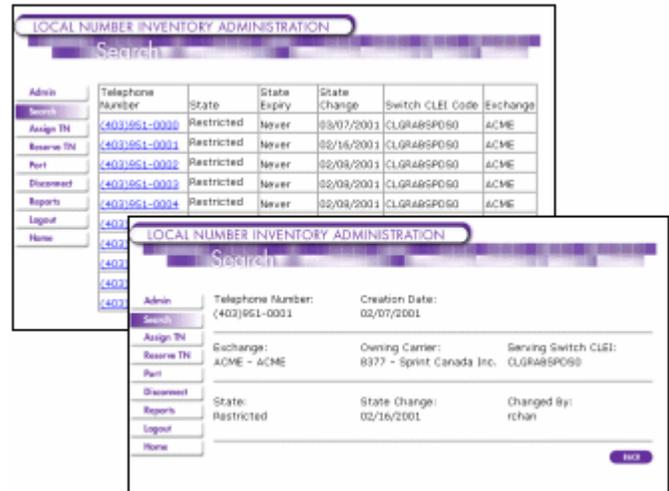
FEATURES

Features include:

- Extensive search options for identifying available, reserved, assigned, ported, etc. calls;
- Tools to reserve and assign numbers from inventory, and manage status changes;
- Tools to manage telephone numbers that have been ported from/to other carriers.
- Set of standard reports that can be viewed online, printed, or exported.

Finding Numbers

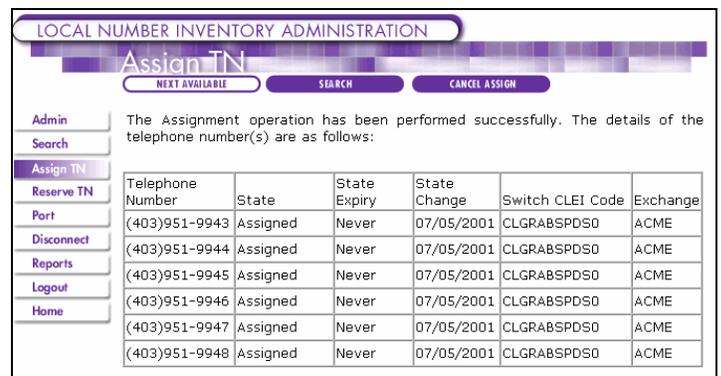
- Search parameters include:
 - Exchange
 - Telephone number (includes pattern matching feature)
 - State (assigned, reserved, etc.)
- Results are presented via listings that include:
 - Creation date
 - Local Exchange Carrier and Owing Carrier
 - Serving Switch CLEI
 - Telephone Number State and Change Date
 - Plus additional details, depending on State
- Details for an individual telephone number pop up when a number is selected from a listing



Finding Numbers – Listing and Detail views

Assigning Numbers

- Includes ability to assign next available telephone number(s) in a specific exchange
- Search for available or reserved numbers
- Individual or multiple numbers are assigned with a single mouse click
- Cancellation returns owned numbers to the telephone number inventory
- Ported-in numbers are removed from inventory when assignment is cancelled



Example - Assigning next 6 available numbers

Continued on Reverse...



NUMBER MANAGEMENT

PRODUCT OVERVIEW (CONTINUED)

Reserving Numbers

- Includes ability to reserve next available telephone number(s) in a specific exchange
- Search for available or aging numbers
- Individual or multiple numbers are reserved with a single mouse click
- Cancellation returns reserved numbers to the telephone number inventory
- Ported-in numbers are removed from inventory when reservation is cancelled
- Reservations can only be cancelled for the same customer name or the same requestor ID

The Reservation operation has been performed successfully. The details of the telephone number(s) are as follows:

Telephone Number	State	State Expiry	Requester ID	State Change
(403)951-9938	Reserved	06/04/2001	sjohnson	07/05/2001
(403)951-9939	Reserved	06/04/2001	sjohnson	07/05/2001
(403)951-9940	Reserved	06/04/2001	sjohnson	07/05/2001
(403)951-9941	Reserved	06/04/2001	sjohnson	07/05/2001
(403)951-9942	Reserved	06/04/2001	sjohnson	07/05/2001

Example – Reserving 5 numbers for 30 days

Disconnecting

- Disconnect telephone number(s) in a specific exchange for a specific customer
- Extend reference of call period for telephone number(s)

Number Porting

- Record ported-in telephone number(s) from another LEC
- Return ported-out telephone number(s) back to inventory

Enter a telephone number here and click on the Arrow to add this number to the port-in list:

4035463345

Numbers to Port-In:
4035463344

DELETE

SUBMIT

Example - Porting-in telephone numbers

Administration

- Maintain application tables
 - Common Restrictions
 - Exchanges
 - Local Exchange Carriers
 - Local Switches
 - Wire Centers
 - Switch Wire Centers
- Add NPA/NXXs
- Restrict Telephone Numbers
- Override features

RESTRICT OVERRIDE ADD NPA-NXX

Restriction Reason:
line testing in progress

Telephone Number	State	State Expiry	State Change	Switch CLEI Code	Exchange
<input checked="" type="checkbox"/> (403)951-0113	Available	Never	07/04/2001	CLGRABSPDSO	ACME
<input type="checkbox"/> (403)951-0124	Available	Never	07/04/2001	CLGRABSPDSO	ACME
<input type="checkbox"/> (403)951-0126	Available	Never	05/15/2001	CLGRABSPDSO	ACME
<input type="checkbox"/> (403)951-0127	Available	Never	05/27/2001	CLGRABSPDSO	ACME

SELECT ALL Deselect All

RESTRICT CANCEL

Example - Restricting telephone numbers

Continued on Next...



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PRODUCT OVERVIEW (CONTINUED)

Reporting

- Standard Reports:
 - Audit Reporting
 - Telephone Number Inventory State Statistic and Detail Reports
 - Ported Number Statistics
 - Aging Number Statistics
 - Reference of Calls Expiry Details
 - Reservation Details
- Reports can be viewed online, printed, and exported

Service Switch	Exchange	TN State	Quantity	
CL0485FD00	ACME	Available	8,512	
		Reserved	225	
		Assigned	121	
		Reserved	127	
		Aging	2	
		Ported Out	11	
	Reference of Calls	7		
	Exchange Total			10,006
	ARDR	Available	8,072	
		Reserved	4	
Assigned		14		
Reserved		9		
Ported Out		1		
Reference of Calls		1		
Exchange Total			10,001	
BQCK	Available	8,988	8,988	

Example – Online report viewing

Administration Processes

- Managing Expiry Periods
 - Routine updates of reservations, aging, reference of calls
- Managing Reservations
 - Reserved numbers become available following reservation expiry date
- Aging
 - Aging numbers become available following aging expiry date unless a pending reservation instead takes effect
- Reference of Calls
 - Upon expiration, move to aging state, but ported-in calls are removed from inventory
- Managing Telephone Number Locking
 - Numbers that are locked in an update process are viewable by users, and available for action once the update has taken place

Security

- Four levels of security control user access to application features
 - Inquiry
 - Update
 - Administrator
 - Super Administrator

Help

- Identifies current version of application

SYSTEM REQUIREMENTS

Server

- Windows NT™ version 4.0, Service Pack 6

Client

- Web Browser – Windows Explorer or Netscape

