NUMBER MANAGEMENT

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

STRATEGIC ADVANTAGES

Enhanced Revenues
Resulting from faster turnaround time of telephone number assignment.

Manageability
Enables staff to effectively manage entire inventory of telephone numbers.
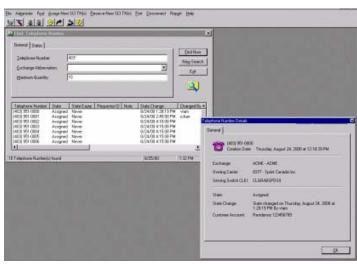
FEATURES

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.
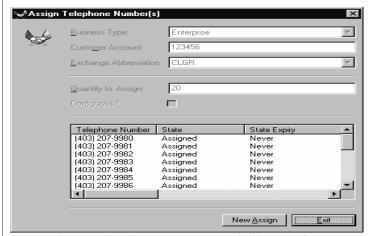
Finding Numbers
- Search parameters include:
  - Exchange
  - Telephone number (includes pattern matching feature)
  - State (assigned, reserved, etc.)
- Results are presented via listings that include:
  - Creation date
  - Local Exchange Carrier and Owning Carrier
  - Serving Switch CLEI
  - Telephone 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 20 available numbers

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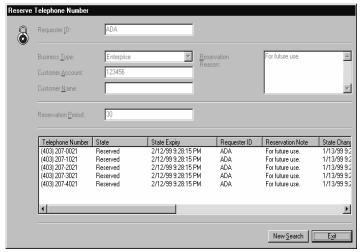- Includes ability to reserve next available telephone number(s) in a specific exchange
- Search for available or aging numbers
- Individual or multiple numbers are reserved with a single mouse click
- Cancellation returns reserved numbers to the telephone number inventory
- Ported-in numbers are removed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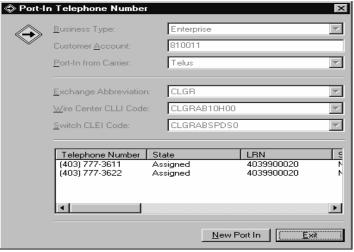- Reservations can only be cancelled for the same customer name or the same requestor ID

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

Example - Porting-in telephone numbers

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

Example - Restricting telephone numbers

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

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

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^{TM} version 4.0, Service Pack 6

Client

- Windows NT^{TM} version 4.0, Service Pack 6