

Data to Determine Local versus Long Distance Jurisdiction

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"In the first month we billed an additional \$140,000 that previously would have been left on the table....and we've only done 2 states so far!"

Jon Jones
President, Data-Tech Services





AccuFactor

AccuFactor is an accurate and independent traffic study for determining the jurisdiction of calls traversing your network. You supply the call detail records - we return a report showing the precise percent local usage (PLU) and other factors. AccuFactor can analyze both wireline and wireless originated calls.

AccuFactor is used to:

- Assist in the resolution of billing disputes by providing independent, factual analysis of the jurisdiction of traffic
- Gain a competitive advantage in intercarrier connection agreement negotiations
- Set and reinforce the factors you send to other companies for access billing
- Verify the accuracy of factors set by your interconnect partners
- Generate accurate access bills
- Ensure the accuracy of incoming access bills before they are paid



Local Enterprise

Local Enterprise is a package created for companies with a significant presence in the local calling market. Local Enterprise enables companies to share data on local calling areas, subscriber monthly line charges and local usage charges.

Local Enterprise is used to:

- Provide a corporate-wide, seamless view of local calling
- Provide accurate data on all aspects of the incumbent local exchange carrier's local calling definitions and rates
- Provide competitive intelligence on the ILEC's offerings
- Verify monthly charges from the ILEC
- Identify local versus toll calls for access billing
- Identify local versus toll calls for subscriber billing
- Respond to call center inquiries
- Assist in the sales effort
- Assist in proper routing of calls





Localizer

Localizer is a listing of NPA-NXX pairs by state that are local to each other, based on the incumbent local exchange carrier definition.

Localizer is used to:

- Separate local from long distance traffic during mediation or billing
- Accurately bill end users for local and long distance calls
- Accurately bill reciprocal compensation or access charges for all eligible traffic
- Perform traffic studies to determine factors
- Correctly rate calls for call accounting or pay phone applications



Enhanced Localizer

Enhanced Localizer builds upon the standard Localizer by adding key information. Data added includes: whether the local call reflected in each record is part of a basic or expanded local calling plan, the zone or band, when applicable and other details about the local calling plan.

Enhanced Localizer is used to:

- Determine which local traffic is basic local versus expanded local
- Determine banding for local traffic
- Determine whether usage charges apply to local connections in specific areas
- Accurately jurisdictionalize traffic for billing
- Properly route local traffic via local trunks
- Provide accurate information on local calling areas via sales and customer care channels





MTA IQ

MTA IQ allows you to operate with a true view of access-billable and non-access-billable wireless traffic. By associating each NPA-NXX with the correct Major Trading Area (MTA), MTA IQ provides true wireless jurisdiction information per the FCC's rules.

MTA IQ is used to:

- Determine whether a call originating from a wireless phone is access-billable as defined by the FCC
- Verify whether access bills sent to you are correct before payment
- Negotiate more favorable interconnection factors
- Determine the true percentage of access-billable traffic another carrier is passing to you



Traffic Studies

Traffic Studies determine the jurisdictional mix of the traffic on your network. We'll tell you the amount of local versus long distance traffic for use in bill audits and determining Universal Service Fund contributions.





International City Codes

International City Codes is Tele-Tech's comprehensive database of digits dialed to reach cities around the globe. This database identifies dialing codes assigned for use by wireless devices. Since rates are higher for international wireless terminations than they are for international landline terminations, our International City Codes database enables proper rating of international wireless versus landline traffic.

International City Codes is used to:

- Determine which international dialing codes are assigned for wireless devices
- Determine the city to which each international dialing code is assigned
- Analyze digits-dialed to show city names on bills, reports, etc.



NPA-NXX Trac

NPA-NXX Trac is a database that includes information on all NPA-NXXs in the North American Numbering Plan. Our Rate Center version provides the vertical and horizontal coordinates of the rate center, as well as the rate center name and LATA for each area code/exchange combination. The Wire Center version includes the same data as the Rate Center version but adds the switch information, including: CLLI, wire center coordinates, wire center name, operating company number and a list of services available from the switch. The Wire Center version includes data for the U.S. only.

NPA-NXX is used to:

- Cross reference rate centers to NPA-NXXs
- Cross reference service providers to NPA-NXXs
- Cross reference CLLIs to NPA-NXXs
- Cross reference LATAs to NPA-NXXs
- Report rate center names on bills and reports
- Calculate the airline mileage between two NPA-NXXs
- Calculate the airline mileage between two rate centers
- Calculate the airline mileage between two switches





NPA-NXX Trac Plus

NPA-NXX Trac Plus is a complete database of active NPA-NXX codes for the U.S., with additional information added, including: rate center, OCN of the incumbent local exchange carrier, OCN of the thousand block assignee, latitude and longitude, rate group (used by incumbents to determine monthly rates), maximum number of access lines for the rate group, time zone and daylight savings indicator.

NPA-NXX Trac Plus is used to:

- Determine the incumbent carrier for the rate center of any NPA-NXX
- Identify the service provider assigned to a specific thousand block of an NPA-NXX
- Associate latitude, longitude and time zone to an NPA-NXX
- Cross reference NPA-NXXs to rate centers
- Estimate the number of subscribers in a rate center



Mex NIR

Our Mex NIR database is a comprehensive listing of all dialing codes assigned in Mexico. The six digits dialed following the "52" country code are included, along with the city to which they are assigned, the vertical and horizontal coordinates of the border crossing point and the "zone" within Mexico to which the dialed digits belong.

Mex NIR is used to:

- Determine the city in which a call to Mexico terminated
- Calculate the airline distance between a call's origination point in the U.S. and the border crossing point into Mexico
- Determine the region or zone within Mexico in which the call terminated
- Accurately determine which bands from a rate table apply to each call to Mexico





Zip-Link

Zip-Link is a tool that provides the missing link when trying to correlate telecom boundaries with traditional geographic and demographic elements. By obtaining the cross-section of where zip codes and telecom rate centers overlap, Zip-Link allows Tele-Tech customers to assign geographically appropriate phone numbers to new subscribers, even if all that's known is a zip code.

Zip-Link is used to:

- Assign geographically appropriate phone numbers
- Determine, during the ordering process, whether a new subscriber is in an area that you serve
- Determine zip codes in which you can provide service
- Map call patterns
- Pre-populate name/address/phone number databases



Zip-Tel Plus

Zip-Tel Plus is a database that provides up to four viable zip codes, time zone and daylight savings indicator for every NPA-NXX in the U.S.

Zip-Tel Plus is used to:

- Allow marketing efforts to be maximized and streamlined
- Allow businesses to associate phone numbers and zip codes
- Allow outbound calls to be scheduled or restricted as needed to ensure compliance with call time regulations





Text-Pac

Text-Pac is a site-specific database, or rate table, generated to rate calls from the NPA-NXX of your choice. Designed for call accounting and payphone applications, Text-Pac includes the rates to all possible termination points for the carrier/service plan you select.

Text Pac is used to:

- Rate calls within call accounting applications
- Rate calls within payphones



Master Pricing Files

Our Master Pricing Files database provides all the data needed to rate a call from anywhere in the U.S to any intraLATA, interLATA, interstate or international termination point. Customers select from many calling plans tariffed by service providers across the country.



SLC Index

SLC Index is a database of the monthly subscriber line charges billed by incumbents to end users for local service. It includes rates for basic and expanded local service available to businesses, consumers and payphone owners. It also provides end user common line (EUCL) access charges.

SLC Index is used to:

- Compete with incumbents by determining the rates they charge customers
- Determine whether you're billing your resale customers enough to cover your costs
- Ensure incumbents are billing you correctly for resale lines
- Ensure accurate reporting to the Universal Service Fund administrator when requesting reimbursement





Professional Services

Tele-Tech offers Professional Services that allow our customers to benefit from our industry insight, expertise and data accuracy methods for specific projects or tasks. Services are tailored to fit client specification, whether the need is the design and population of new data sets, updating existing databases or auditing client-maintained databases. Regardless of the need, the results are always provided with the highest level of accuracy.

Professional Services are used to:

- Facilitate database design
- Develop databases
- Populate databases
- Process data
- Conduct traffic studies
- Perform research and analysis
- Perform auditing

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