# Route It Right Every Time with LERG OnLine

## TruOps Telecom Routing Administration: The Industry's Most Trusted Data Resource

Telecom traffic keeps growing exponentially, while the networks and processes supporting that traffic are getting more and more complex. If those trends weren't challenging enough, you're also under constant pressure to maximize your network's efficiency, revenue, profitability, quality and competitiveness.

Having quick and easy access to daily updates for U.S., Canada and Caribbean routing data at the NPA/NXX and thousand-block level is critical for overcoming those challenges. That's where the iconectiv® TruOps™ Telecom Routing Administration (TRA) LERG™ OnLine Tool can help. It provides on-demand access to routing data that's updated daily, enabling you to make more informed decisions quickly. With LERG OnLine, you can maximize customer satisfaction and minimize revenue losses by quickly troubleshooting call completion issues-and preventing others from happening in the first place. LERG OnLine also eliminates both the expense of creating a custom tool for using LERG data and the need to wait 30 days for the latest updates.

**TRA provides key data necessary to enable completion of calls throughout the U.S., Canada, the Caribbean and the rest of the North American Numbering Plan (NANP).**

## Correctly Route and Complete Every Call

Part of the iconectiv TruOps Telecom Routing Administration (TRA) solution portfolio, the LERG Routing Guide is the industry's most comprehensive source of routing data within the North American Numbering Plan (NANP). LERG OnLine is a web-based application that maximizes the value of your LERG subscription by providing instant query access to LERG data utilizing robust customizable reporting capabilities. The LERG OnLine tool is updated daily. The application features an intuitive GUI interface for viewing, processing and managing LERG data, making it a tool that everyone in your organization can use, from network planning to business development to number management.

LERG OnLine eliminates the need for you to develop and maintain local applications to query LERG data. And because the data can be downloaded to your local environment, it can easily be integrated into your other applications, driving additional operational efficiencies and cost savings.

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## Examples of the data contained in the LERG includes:

- Operating company numbers (OCNs), company names, routing contacts
- Country code assignments
- NPA information
- LATA codes by region
- Destination codes
- Oddball NXXs (e.g., 911, 976)
- Switching entity record detail (e.g., equipment type, V&H coordinates)
- IP route identification
- Rate center details (e.g., V&H coordinates) and localities (including county and postal codes)
- Switch homing arrangements (tandem and other switch-to-switch interconnections)

## How can LERG OnLine benefit

### maximize customer satisfaction

- Ensure each call is properly routed and completed
- Troubleshoot call completion issues
- Enable better preparation for planned and unplanned events that affect performance and customer experience
  - Reroute traffic when a hurricane damages infrastructure, or
  - Prepare for events like the Super Bowl, which dramatically affects traffic patterns and usage

### network maintenance and optimization

- Improve network planning
- Support network maintenance and configuration changes
- Prepare for changes to NPA-NXX codes, Thousands Blocks and new area codes/NPAs

### financial and operational advantages

- Reduce operational costs by eliminating the expense of developing and maintaining a custom tool for using LERG data
- Prevent revenue loss by ensuring each call is properly routed and completed
- Support research and identify new business opportunities

streamline processes, saves user time and effort, and ensure consistent access to current and relevant information

**query**



**results**



### customizable reporting

streamline processes, saves user time and effort, and ensure consistent access to current and relevant information

- user generated reports to extract, analyze and present data
- custom reports from a wide range of data fields
- automated report generation schedules
- choose delivery method

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# Route It Right Every Time with LERG Online

## Who uses LERG OnLine?

Wireline, wireless and interconnected VoIP service providers, competitive local exchange carriers, value-added resellers and other service providers rely on LERG OnLine every day for a wide variety of tasks. Typical job functions and organizations using LERG Online include:
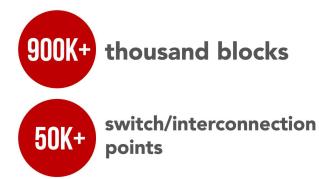
- Service provider numbering administrators
- Engineers responsible for call routing and switch translations
- Network planners/architects preparing for changes
- Interconnection - ASRs, LSRs, CABS, etc.
- Groups maintaining customer lists/databases
- Signaling network control center staff
- Marketing managers planning new service and product introductions
- Call rating and billing staff
- Forecasters (marketing, network, etc.)
- Operator services staff
- PBX maintenance personnel and PBX administrators
- Regulatory/legal support

## What is TRA?

For over 35 years, iconectiv Telecom Routing Administration (TRA) has been the industry's go-to resource for call routing, rating, billing and numbering assignments in the NANP. TRA provides the key data necessary to enable completion of calls and text messages throughout the U.S., Canada, the Caribbean and the rest of the NANP. Numerous regulatory bodies, industry guidelines and industry standards cite TRA products as necessary and critical to telecommunications products and services within the NANP.

The TRA portfolio includes the LERG Routing Guide, which is the industry's most comprehensive source of routing data within the NANP. LERG OnLine is an optional product for LERG customers that's licensed on an enterprise basis for use by every authorized employee in the organization.

**900K+** thousand blocks

**50K+** switch/interconnection points

### make the connection.

Interested in a free trial or looking for more information? Call 866-NPA-NXXS (866-672-6997)or 732-699-6700 or email tra@iconectiv.com.

### about iconectiv

Your business and your customers need to confidently access and exchange information simply, seamlessly and securely. iconectiv's extensive experience in information services, digital identity and numbering intelligence helps you do just that. In fact, more than 5K customers rely on our data exchange platforms each day to keep their networks, devices and applications connected and 2B consumers and businesses protected. Our cloud-based information as a service network and operations management and numbering solutions span trusted communications, digital identity management and fraud prevention. For more information, visit www.iconectiv.com. Follow us on X and LinkedIn.

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