

Telcordia® Customer Number Manager

Telcordia® Customer Number Manager lets you easily manage all of the communication identifiers used in today's "any network, any service, any device" environment. It's a scalable, highly flexible solution that consolidates the inventory of all types of identifiers into a single, function-rich system, allowing you to significantly reduce service order fallout.

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Define, administer, and provision all types of communication identifiers

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Manage the communication identifier life cycle, including forecasting, selection, usage, and number portability

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Fill complex customer requests without duplicate assignments, errors, or delays

- ▶ With the explosion of new services and technologies, communication identifiers have proliferated. The concept of "customer number" has expanded to represent the addresses of many communications devices from any geographical location. A "number" can now be a name, an email address, a Subscriber Identity Module (SIM) card identifier, or a traditional phone number. Assigning and managing all of these identifiers has become a complex, time-consuming, and error-prone chore. At the same time, new business models for selling services are blurring the lines between wholesale and retail, while presenting major challenges for the secure sharing and tracking of identifier data.

MANAGE ALL TYPES OF COMMUNICATION IDENTIFIERS

Customer Number Manager stores and processes all types of communication identifiers — fixed, mobile, Voice over IP (VoIP), and data. It's based on business logic gathered from our extensive worldwide experience and our leadership in industry bodies such as the Industry Numbering Committee (INC), the International Telecommunication Union (ITU), and the Electronic Numbering (ENUM) industry forums.

As your single technology- and service-independent repository of communication identifiers, Customer Number Manager makes managing them remarkably easy.

It automatically creates and maintains inventories, including user-defined identifier types, formats, and behaviors; searches blocks of available identifiers when

customer orders are received; maintains the integrity of identifier assignments in number portability scenarios; and manages identifier activation and deactivation.

CONFIGURE OUR SOLUTION TO MEET YOUR NEEDS

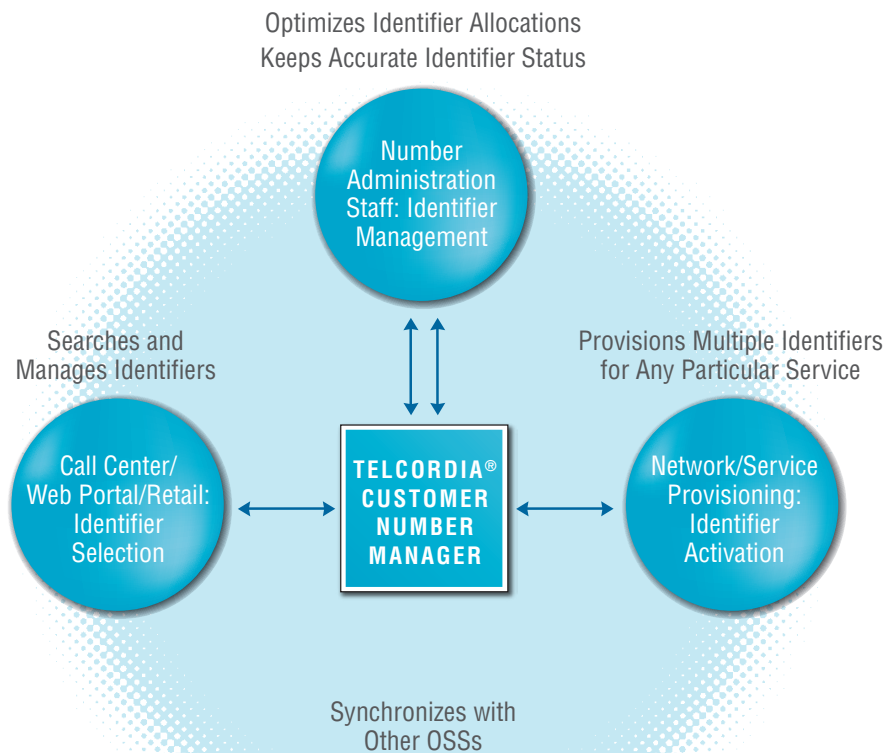
Tunable business logic and flexible data modeling, categorization, and inventory access control give you a new level of control over communication identifier administration. You have the flexibility to group and associate identifiers in multiple ways and can create custom attributes to address unique business issues. In addition to the wide range of system tunability, you may also define custom vanity number patterns and identifier aging/quarantine rules.

• THE TELCORDIA FULFILLMENT SUITE

- The Telcordia Fulfillment Suite offers a flexible, proven end-to-end approach for managing product lifecycles and inventory, provisioning automation, manual work activities, fallout resolution, and number management. It uses data partitioning, data federation, and automated synchronization to help you leverage all of your network resources so you can speed services to market, lower operational costs, and reduce total cost of ownership across a complex supply chain.

Global Number Management Solution

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MANAGE WHOLESALE-RETAIL AND PARTNER RELATIONSHIPS

Certain business models require the need to identify the ownership of communication identifiers to support the following:

- One operator with multiple service providers
- Multiple operators and one service provider.

Customer Number Manager supports these business models by providing a mechanism that allows users to inventory, manage, and select numbers associated with a particular service provider or reseller. Additional number porting scenarios applicable to these business models are also provided. In addition, Customer Number Manager provides a mechanism for securing data (data level security) so that users may view and manage only the data that they are authorized to use.

ADHERE TO REGULATORY MANDATES

Customer Number Manager can help you comply with regulatory rulings regarding telephone number usage, pooling, and porting. It allows you to:

- Monitor available inventories in real time and produce utilization reports, so you can forecast your future numbering needs based on months-to-exhaust and, as a result, fulfill country-specific regulatory requirements
- Use key industry data, such as the Telcordia® LERG™ Routing Guide, to automate number inventory loading.

KEEP PACE WITH VOIP

One of the consumer benefits of VoIP is the ability to get a number from “anywhere”. But to meet consumer demand, it’s crucial that you have the capability to use numbers efficiently. Customer Number Manager allows you to monitor number pool thresholds, balance loads, and better coordinate with partners and regulators for new phone numbers.

TAKE CONTROL OF NUMBER PORTABILITY

Telcordia provides complementary skills in number portability consulting services, software, and managed solutions. Customer Number Manager can be easily integrated into a comprehensive number portability solution to manage the life cycle and integrity of ported numbers. In addition, there are valuable synergies with our number portability components, whether used as a complete, integrated solution or as individual modules:

- Telcordia® Number Portability Gateway helps you manage the exchange of information with other service providers, expediting the porting of subscriber numbers.

AT A GLANCE

Telcordia Customer Number Manager helps you:

- Accelerate your response time through flexible selection features and by having accurate communication identifier information at your fingertips during provisioning
- Reduce operations costs by avoiding manual steps, redundancies, and errors
- Support your transition to new technologies and services by defining new communication identifier types and attributes
- Reduce the risks of legal liability and customer dissatisfaction by virtually eliminating duplicate assignments.



- Telcordia® Number Portability Clearinghouse provides a standardized central point of number-related information supporting number portability processes among all service providers.
- Telcordia consulting services range from number portability readiness planning to consultation at the country level for numbering policies and planning.

INTEGRATE OUR SOLUTION INTO YOUR ENVIRONMENT

Our flexible interfaces and Web Services approach enable easy integration with systems that need to track communication identifier status and events. For instance, users of Telcordia® Granite Inventory can build, query, and update numbers, lists, and other data structures in Customer Number Manager and associate these instances with services and resources being managed in Granite Inventory.

As a result, Customer Number Manager becomes your single, centralized database for assigning and linking all identifier types and managing inventories throughout their life cycle. It even allows for controlled access by third-party service providers.

BENEFIT FROM BUILT-IN INTELLIGENCE

Customer Number Manager helps ensure that you always have enough communication identifier capacity, using intelligent, automated selection features to preserve identifier blocks within network elements or geographic regions and balance selections across elements within a region. It also monitors usage, sends notifications when identifier pools reach operator-specified spare inventory thresholds, and automatically replenishes pools based on your specifications.

ADDRESS CONVERGENCE WITH CONFIDENCE

Customer Number Manager has delivered proven results for over 10 years in deployments around the world. It has the functionality you need to satisfy customer requests, government mandates, and trading partner arrangements, no matter which technologies and networks you use to support your service offerings. Contact us to learn how its power and flexibility can benefit your organization.

GET IT RIGHT

- With the expertise to solve the world's most complex communications challenges, Telcordia is known for helping its customers get it right so they can reap the greatest business benefits.
- Our Fulfillment Suite is part of our broad offering of products and services designed to help you operate more efficiently, drive revenues, and deploy innovative new services.



For more information about Telcordia Technologies, contact your local account executive, or you can reach us at:

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