

Telcordia®
Common Language® Information Services

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Streamline data flow within your company and between trading partners by up to 30%

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Reduce the time and costs of systems integration by up to 35%

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Reduce network investment up to \$5 million per \$1 billion invested

The entire business of telecommunications — every activity, process, and transaction — involves an exchange of information. For more than 30 years, the industry has relied on Telcordia® Common Language® Information Services to execute that exchange quickly and accurately. We created and continue to manage the world's most trusted, most widely used information infrastructure and identification services for telecom equipment, locations, connections, and services.

- ▶ **Staggering investments are made in telecom systems and network equipment. If only equal attention were paid to the way information flows across and between organizations.**

When systems, departments, and companies use different data structures, labels, naming standards, classifications, and other types of nomenclature, some inefficiencies can never be overcome and some costs can never be controlled, even by the most advanced technologies.

Data mismatches affect every aspect of a telecom operation — engineering, procurement, billing, asset and material management, marketing, sales, warehouse operations, and, most important, service development and delivery. Additionally, the integration and deployment costs of new systems can become prohibitive. That's why so many service providers and suppliers recognize the competitive power in a single, authoritative information infrastructure.

BE PART OF SOMETHING BIG

Many companies have naming standards for their internal organizations. No company has developed a single, managed information infrastructure with the industry penetration and success of Telcordia Common Language Information Services.



Our services are the de facto standard in North America and now reach into Mexico, South America, Europe, and the Middle East. They help to process tens of millions of services every year. They are SAP NetWeaver®-certified and referenced by international standards organizations such as ANSI, ETSI, ITU, ATIS, TM Forum, IETF, and ISO.

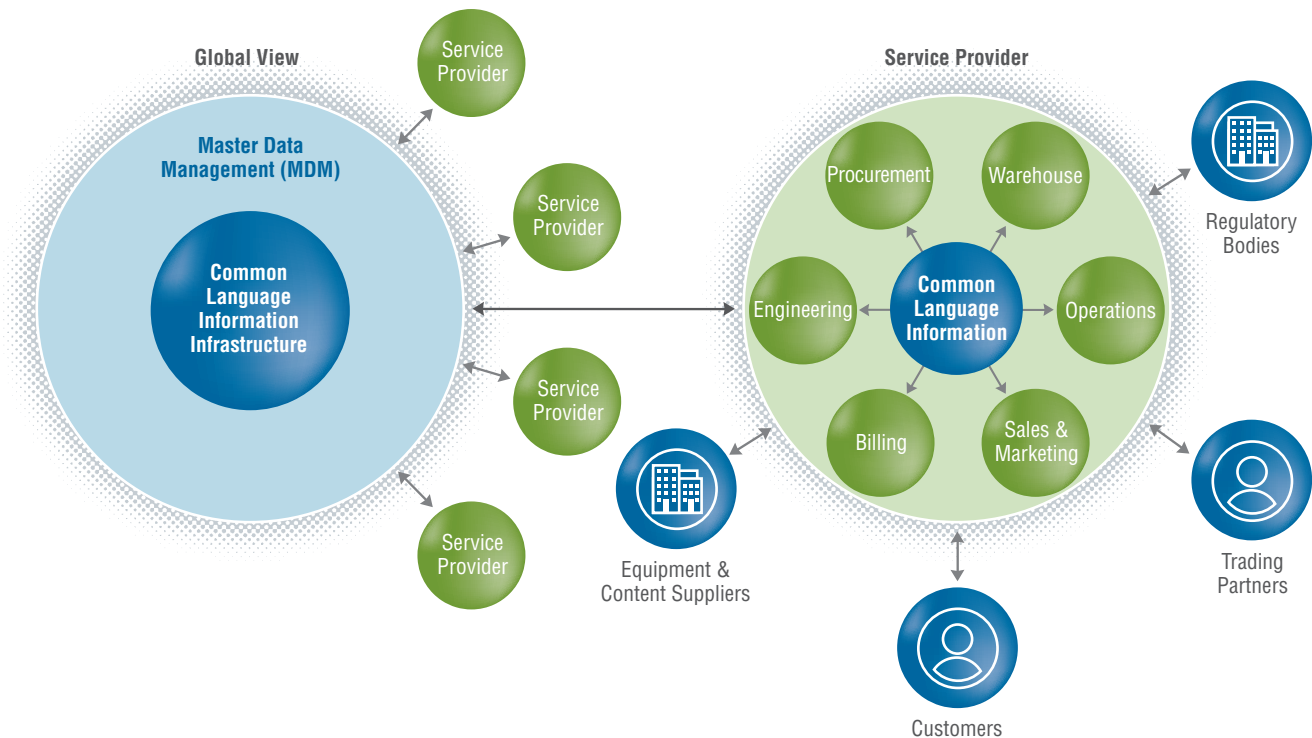
Our growing client base of more than 100 service providers and nearly 1,000 suppliers have some of the world's most efficient telecom operations. Those companies know that information is power — but only when that information is accurate and shared by all parties and systems along the value chain.

ACCESS AN INFRASTRUCTURE, NOT JUST A STANDARD

We provide much more than a naming standard. As Colin Orviss, Senior Vice-President of Patni Telecoms Consulting says, “Common Language takes standards to a whole new level by providing a unique global implementation that no individual systems integrator or internal IT department can achieve.”

- **INFORMATION INFRASTRUCTURE**
- Telcordia information services
- facilitate the information exchange
- that is unique to the global telecom
- industry. To enable the accurate,
- flowthrough data sharing that drives
- both competition and daily
- operations, service providers and
- suppliers trust the centralized,
- standards-based registries, naming
- engine, and data infrastructure
- created and managed by Telcordia
- as the industry's most accessible
- and authoritative sources for
- information management.

Global Information Management Architecture



We offer a one-of-a-kind information infrastructure, distinguished by four key elements: 1) a data framework with standard structures and formats; 2) a dictionary complete with syntax rules; 3) a hosted registry and naming engine with identifiers that are constantly updated by Telcordia and our subscribers; and 4) a publication and distribution engine to facilitate accuracy and interconnection.

CHOOSE ONLY THE SERVICES YOU NEED

A subscription to any or all Common Language Information Services includes access to the relevant master data (dictionary) software, Application Programming Interfaces (APIs) for publish-and-subscribe access to the appropriate registries, and training. In addition, we encourage subscribers to influence the ongoing evolution of the registries by contributing data that supports their needs related to operations, standards bodies, regulations, and industry consortiums.

Our four information services are:

- **Telcordia® Common Language® Equipment Information Service** – We work with vendors to include identifiers for their equipment capabilities, classifications, components, ordering codes, part numbers, and model names. This registry of more than 450,000 equipment types is growing at a rate of roughly 15,000 to 20,000 new equipment types per year.
- **Telcordia® Common Language® Location Information Service** – This registry boosts trading partner collaboration by providing access to more than eight million registered network locations and interconnection points. Standardizing location formats helps service providers coordinate service delivery, communicate locations of faulty equipment to repair centers, audit assets, and automate process flows.
- **Telcordia® Common Language® Connections Information Service** – This standard language for identifying physical and logical connections (facilities and circuits, start and end points, multiplexing functionality, and more) supports over 10 million interconnection requests a year by providing a shared view of network connections.
- **Telcordia® Common Language® Services Information Service** – These standardized, flexible definitions for every stage in the lifecycle of a service support over 17 million service orders a year by making it easier to tariff like-services across providers, communicate wholesale and retail offerings to businesses and other service providers, describe services for BSSs/OSSs, and avoid retooling BSSs/OSSs for new services.

AT A GLANCE

Telcordia Common Language Information Services have achieved an unparalleled track record, making it possible for subscribers to:

- Cut up to 90% of master data administration costs
- Streamline interconnection orders by up to 30%
- Make the equipment inventory process up to 12 times faster
- Cut failed dispatch efforts by as much as 12%.

► “Common Language provides a 90% reduction in the effort to manually capture and manage key operational data, while simultaneously increasing the quality and consistency of data across Telecom Italia.”

Daniele Fracasso
Common Language Director
Telecom Italia



CONSIDER TAKING IT TO THE NEXT LEVEL — AN INDUSTRY CLEARINGHOUSE

Telcordia has yet another exciting option to consider.

As service providers integrate into larger value chains with multiple content and delivery partners, a shared understanding of information elements is even more important. That’s why Telcordia is offering access to a hosted, industry registry.

All content, service, and network providers now have one central place to define their services based on standardized content attributes (audio, video, text), bandwidth requirements, content interests (fashion, music, sports, news), and network attributes. We manage the millions of possible network channel and interface combinations and service specs, so subscribers can concentrate on speeding innovative services to customers.

AS ALWAYS, GAIN ACCESS TO WORLD-CLASS TELCORDIA SUPPORT

As a Common Language Information Services subscriber, you benefit from our “open ecosystem approach.” That means Telcordia experts are ready to help BSS/OSS vendors, system integrators, equipment suppliers, and service providers implement the Common Language Information Services information infrastructure by providing any necessary software (applets) and support services.

Depending on your needs, you can take advantage of our entire range of operational and IT support services — from data analysis and API development to complete business process consulting.

Whether you choose Common Language Information Services as a standalone offer or as part of a total organizational solution, learn more about how we can help you eliminate ambiguity, confusion, and duplicated data across your systems and your business relationships.

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 Information Infrastructure services are part of our broad offering of products and services designed to help you operate more efficiently, drive revenues, and deploy innovative new services.

▶ “SAP’s Master Data Management (MDM) and Telcordia Common Language Governance providing one implementation of data across your entire business and operations environment.”

Arun Dharbal
*Senior Vice-President & General Manager
Global Telco, Media & Entertainment IBU
SAP AG*



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