Lionbridge
SOLUTION BRIEF

Global Services for Machine Intelligence

Introducing Language Technology

Language Technology (LT) combines linguistics and engineering for human-machine interaction that gives us the ability to quickly glean meaning from data. Successful application of LT draws upon both art and science to deliver the right information, at the right time, in the right language.

Global Services for Machine Intelligence (GSMI) at Lionbridge is dedicated to helping clients design, develop, implement, test, and improve language technology. No matter what the device, interface, or language, the goal is the same: natural human-machine interaction that talks to everyone.

One Partner for all Language Technology Services

From our language processing Center of Excellence, our expert linguistic, technology, and project teams execute a complete range of LT services. We specialize in enabling multilingual development workflows (development, QA, and testing) for diverse projects in over 200 languages. Additionally, we provide global language technology staffing services, meeting the need for specialized linguistic and engineering resources in targeted languages and create, collect or process data with a crowd of more than 100,000 workers.

Global Services for Machine Intelligence

Language Technology	Text Analysis	Speech	Predictive Input	Proofing Tools	Staffing Services
• Linguistic asset development • Treebanking • Asset annotation • Smart testing • Scripting and linguistic rules development	• Multilingual social media analytics • Sentiment analysis • Entity identification • Entity relationships • Semantic analysis	• Audio recordings • Phonetic dictionaries • Speech to text transcription and annotation • Testing of speech interaction and infotainment systems	• Corpora for language modeling • Dictionaries and rules for auto-correction and text prediction • Virtual keyboard design and testing • Language model creation	• Speller • Dictionary development • Morphology-based processing • Grammar, thesaurus, and hyphenator	• Short- and long-term • Onsite or virtual • Language Engineers • Linguists • Lexicographers • Voice talent • Data Engineers

Choose GSMI from Lionbridge for language technology that gives voice to your products and services, making them accessible, helpful, and indispensable to global users.

Global Services for Machine Intelligence Added Value

As part of our global content and communications services, Services for Machine Intelligence at Lionbridge offers a comprehensive, innovative, and client-focused approach to improving human-machine interaction. From proofing tools to speech and dialogue to social listening data analysis, we help you develop, test, and deploy natural language solutions that build user engagement and drive global brand growth.

Lionbridge will show you how to leverage Language Technology to:

GSMI Features	Benefit
Language Engineers and Linguists for 70+ languages; Testers, Annotators, Analytical Linguists for 200 languages	Language accuracy and cultural insights that increase user-acceptance rates and reduce errors and risks
Proven framework, process, and methods for delivery	Streamlined multilingual workflows for fast creation and commercialization of linguistic assets
Single partner with global scale, reputation, and expertise	Centralized management and communication for greater efficiencies and reliability
Combination of Machine Learning and manual oversight	Increased throughput of 125% and quality tolerances of 99.98%
Confidentiality and established security protocols	Effective virtual and physical security for your IP and projects
Global Staffing Service for onsite and virtual SMEs	Source, place, and manage hard-to-find specialized language and engineering resources
Low-cost global production centers	Increase scalability and ROI

How can I help?

How do we navigate the quintillion bytes of data created daily? The familiar "voices" of interactive digital assistants like Siri, Cortana, and M use natural language processing to give us access to a world of information, on a very personal scale.

Choose GSMI for

- Real-time Multilingual Communication
- Human-Machine Interaction
- Virtual Assistants
- Sentiment Analysis
- Language Processing for Search
- Text Prediction
- Research Projects

Get Started

Contact us today to talk with an expert and learn how Global Services for Machine Intelligence from Lionbridge can improve the adoption, usability, and success of your global products and services.

ABOUT LIONBRIDGE

Lionbridge enables more than 800 world-leading brands to increase international market share, speed adoption of products and effectively engage their customers in local markets worldwide. Using our innovative cloud technology platforms and our global crowd of more than 100,000 professional cloud workers, we provide translation, online marketing, global content management and application testing solutions that ensure global brand consistency, local relevancy and technical usability across all touch points of the customer lifecycle. Based in Waltham, Mass., Lionbridge maintains solution centers in 28 countries.

To learn more, please email GSMI@lionbridge.com

To learn more, please visit **www.lionbridge.com/GSMI**