

Real-World Examples of Machine Translation Success in Life Sciences

Included in This Guide:

- Machine translation advantages
- Successful implementations
- Solutions to get started

KEY TAKEAWAYS

Global life sciences leaders recognize artificial intelligence's potential to enhance their operations—especially when it comes to their growing content needs. One way to implement AI effectively in multilingual content management is through machine translation.

From clinical trial documentation, to patient communications, to post-market materials, machine translation (MT) enables fast, and cost efficient communication in various languages worldwide. This guide shares successful AI and MT implementations and solutions to get started.

Section 1

Case Study: Reduce Translation Time

Learn how a pharmaceutical company efficiently streamlined customer query translations in five languages.

Section 2

Case Study: Optimize Translation Budget

Discover how a technology company experienced a 25% cost reduction and an increase in quality across all languages.

Section 3

Case Study: Maximize the Use of Linguistic Assets

Learn how a global medical technology provider experienced 85% accuracy in machine translation engines.

Section 4

Redefining Machine Translation with AI-Powered Security, Privacy, and Innovation

Discover the top considerations for selecting your machine translation technology.

Section 5

GlobalLink Now: Enterprise Translation. On Demand.

Learn more about machine translation solutions that are easily deployed and integrated into business processes.

Case Study

REDUCING TRANSLATION TIME FOR A PHARMA COMPANY'S CUSTOMER QUERIES

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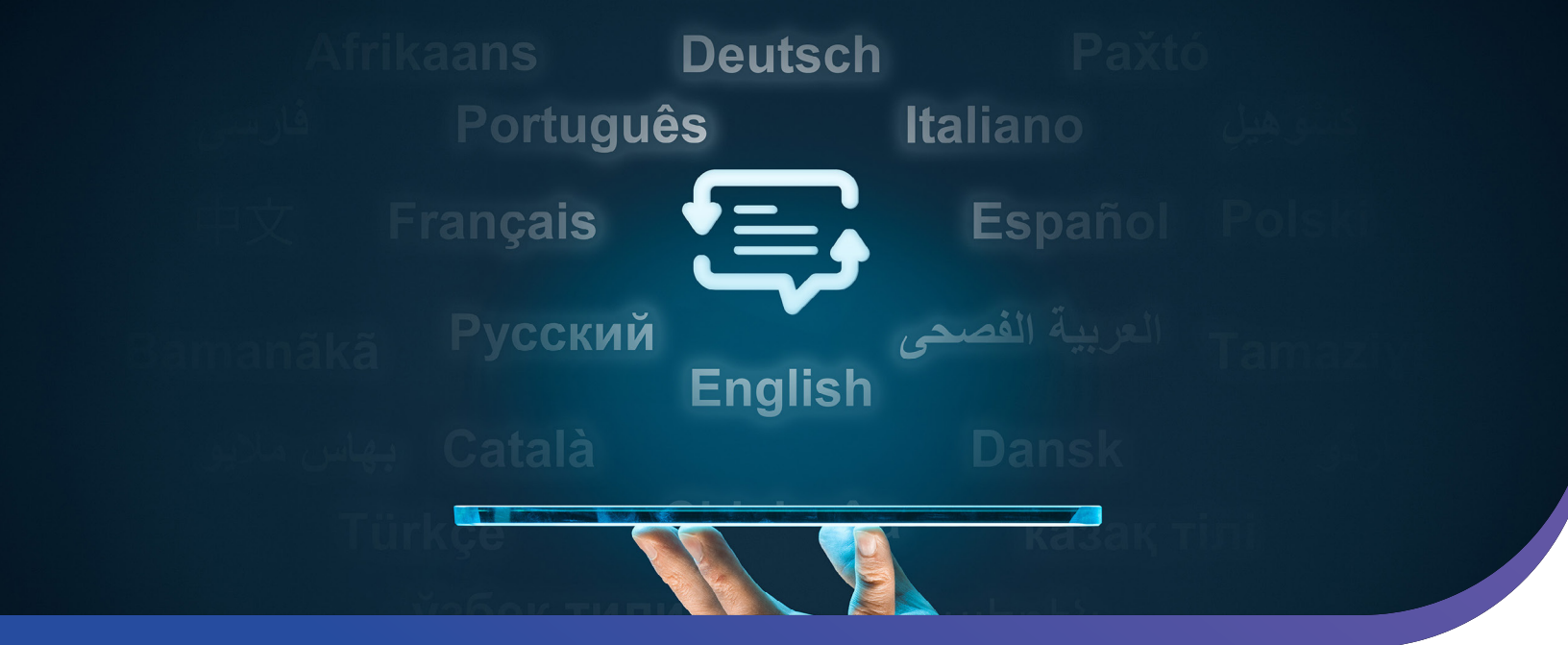
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Enterprise Translation*



CASE STUDY: REDUCE TRANSLATION TIME

Challenge

A pharmaceutical company needed to streamline its process of translating customer queries from five languages to English and back.

Solution

We set up two workflows using specialized GlobalLink Now machine translation engines:

- Raw MT for inbound communications
- MT with human post-editing for outbound communications

Results

- 75% faster turnaround time for inbound communications
- 30% reduction in turnaround time for outbound communication

Case Study

OPTIMIZING TRANSLATION BUDGETS WITH CUSTOM MT ENGINES

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CASE STUDY: OPTIMIZE TRANSLATION BUDGET

Challenge

A leading tech company wanted to optimize its translation budget for technical documents due to the high cost of human-only translation.

Solution

We customized MT engines for their nine key languages and complemented this with human post-editing workflows.

Results

Our customized MT engines improved efficiency for human linguists, leading to a 25% cost reduction and an increase in quality across all languages.

Case Study

MAXIMIZING THE USE OF
LINGUISTIC ASSETS FOR
85% ACCURATE CHATBOT
TRANSLATIONS

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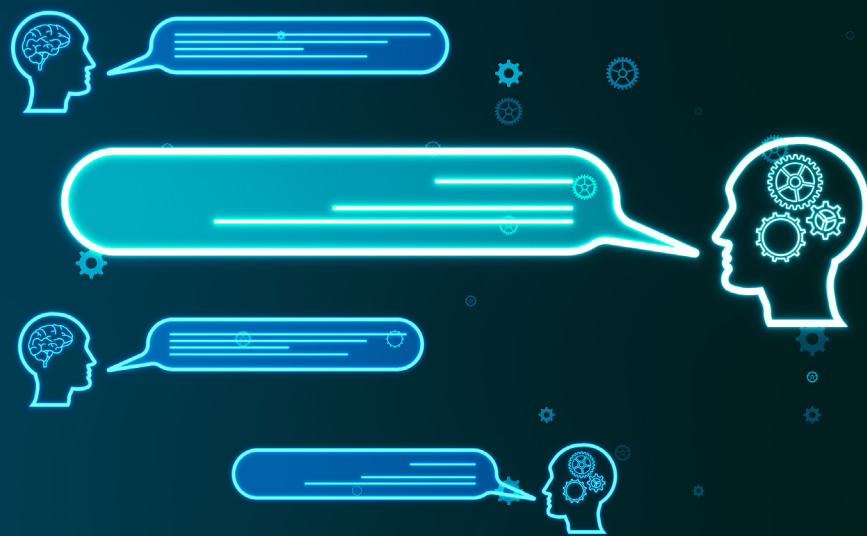
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CASE STUDY: MAXIMIZE THE USE OF LINGUISTIC ASSETS

Challenge

A global medical technology provider needed Spanish translation for an internal chatbot that manages employee queries.

Solution

We leveraged GlobalLink Now API and a custom machine translation engine that we built from the company's translation memories and terminology. Post-translation, we conducted multiple rounds of qualitative linguistic feedback.

Results

Our custom engine yielded impressive MT accuracy scores — as high as 85% for Spanish translations. The company was now able to deploy its chatbot for employee use.

REDEFINING MACHINE TRANSLATION WITH AI-POWERED SECURITY, PRIVACY, AND INNOVATION

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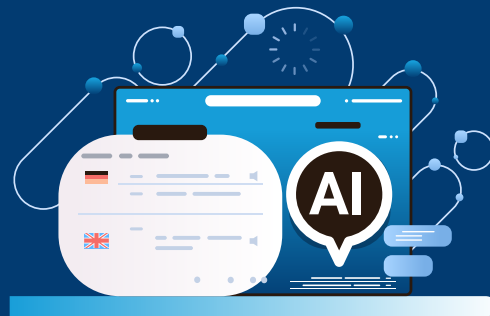
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GlobalLink Now: Redefining Machine Translation with AI-Powered Security, Privacy, and Innovation

GlobalLink Now delivers AI-driven machine translation solutions with top-notch security, privacy, usability, accessibility, adaptability, and innovation, setting the standard for efficient machine translation.



Secure

Experience peace of mind by knowing that every piece of data transmitted to or from the GL Now platform remains encrypted throughout its entire lifecycle, from transit to storage for future use. Our rigorous internal and external audits conducted annually guarantee the highest level of security for your data.

GlobalLink Now prioritizes the privacy and confidentiality of translations by ensuring that:

- Translations are exclusively visible to the users creating them.
- The text introduced for translation is processed but neither stored nor used for training purposes.
- Engines tailored with your terminology are strictly reserved for your exclusive use and are not accessible to any other parties.



Private & Confidential



Usability

With GlobalLink Now, discover the following usability advantages firsthand:

- Comprehensive language support, offering the widest range available.
- Extensive support for various file formats, ensuring seamless integration.
- Swift access to post-edit translations and prompt professional translation requests, streamlining your workflow.

GlobalLink Now is fully compliant with the Web Content Accessibility Guidelines (WCAG 2.1) including:

- AAA keyboards, target devices.
- AA color contrast ratio, text spacing and fonts, landscape and portrait orientation.
- A descriptive non-text content.



Accessible



Adaptable

GlobalLink Now's machine translation solutions offer adaptability through:

- Three layers of translation output customization, including glossaries, translation memories, and bespoke engine training, ensuring tailored results.
- Flexibility to choose the duration for which translated files remain available for download, with the option to purge all files after download if desired.

GlobalLink Now introduces innovation through:

- Multi-modal workflows: GL Now supports various language-related AI technologies beyond machine translation, unlocking possibilities for combining them into multi-modal workflows.
 - For instance, users can transcribe videos and translate the transcription into different languages our tool's AI capabilities expand, we will introduce additional multi-modal workflows.
- A dedicated team focused on Natural Language Processing (NLP) research and development, driving continuous innovation and advancement in language-related AI technologies.



Innovative

GlobalLink Now Enterprise Translation. On Demand.

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Enterprise Translation. On Demand.

Your organization's content needs are always increasing. Now, it's more important than ever to have an easy-to-use solution for delivering global content in real time. GlobalLink NOW allows you to communicate in different languages around the world, in just a few clicks. Whether you're triaging support tickets or communicating with clients across borders, GlobalLink NOW enables you to reach farther than ever.



Why GlobalLink NOW?



Available in Chrome
Extension Store



Translations accessible
on any web page



Existing translation
memories and glossaries
incorporated



Automated
translation offered



Neural machine
translation technology



Simple, clean
user interface



Take the Next Step

Request more information about
GlobalLink Now by TransPerfect Life Sciences.

[Request a Demo](#)

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TransPerfect Life Sciences offers global content solutions for the pharmaceutical, biotech, and medical device industries. With industry experts, specialists (like TMF, COA, medical writing, and marketing, among many others), certified linguists, and advanced technology, we accelerate the commercialization process for life sciences companies from lab through launch. Trust TransPerfect for precise, efficient, and cost-effective global content solutions.

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