SYSTRAN Pure neural® SERVER

AI AND DEEP LEARNING SERVING YOUR MULTILINGUAL CHALLENGES

SYSTRAN
beyond language

★ 50TH ANNIVERSARY ★

Artificial Intelligence & Deep Learning applied to Machine Translation

United in language

Pure neural® MT

HIGH QUALITY | DATA PRIVACY | SPECIALIZATION TO YOUR DOMAIN

Translation of text, documents, images, web pages, speech*

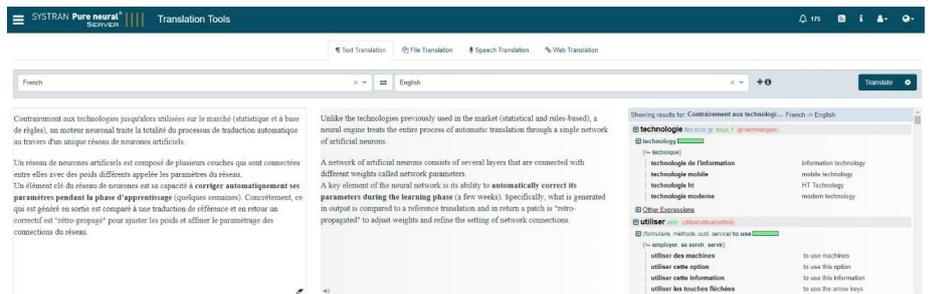Centralization and management of Post-edition & feedback

Profiles and Linguistic resources management

Industry specialization capability for domain-specific translation

SYSTRAN Pure Neural® Server is a secured and integrated translation software solution that facilitates multilingual collaboration, reduces translation costs, improves global productivity and international business development.

SYSTRAN Pure Neural® Server translates all types of documents and files. That includes manuals, procedures, reports, product and support information, content applications, websites, chat, emails and audio files.

State of the art neural technology

At the end of 2016, SYSTRAN launched, its neural engine named PNMT® (Pure Neural® Machine Translation), the first commercial translation engine based on AI and deep learning and offering tremendous translation quality.

Neural networks are able to automatically correct their parameters during the training phase of the translation engine. Technically, the generated output is compared to the expected reference and corrective feedback is sent "backward" to adjust weights and tune the network connections.

This technology which is based on complex algorithms at the forefront of Deep Learning, enables the PNMT® engine to learn. It generates the rules of a language from a given translated text and produces a translation overachieving current state of the art machine translation and even better results than a non-native speaker.

Beyond generic neural translation, SYSTRAN optimizes neural networks performance in a process of post-training called specialization. This method improves the translation quality significantly.

SYSTRAN language catalogue: 53 languages in more than 140 language combinations. Other pairs possible upon request.

140+

MIDDLE EAST & AFRICA
Arabic
Dari
Farsi
Hebrew
Pashto
Somali
Swahili
Tajik
Turkish
Urdu

ASIA
Bengali
Chinese
Hindi
Indonesian
Japanese
Korean
Malay
Punjabi
Thai
Vietnamese

NORTH AMERICA
US English

EASTERN EUROPE
Albanian
Bulgarian
Croatian
Czech
Estonian
Georgian
Hungarian
Latvian
Lithuanian
Polish
Romanian
Russian
Serbian
Slovak
Slovenian
Ukrainian

WESTERN EUROPE
Danish
Dutch
English
Finnish
French
German
Greek
Icelandic
Italian
Norwegian
Portuguese
Spanish
Swedish
Welsh

LATIN AMERICA
Brazilian Portuguese
Latin American Spanish

Our standard connectors:

CAT TOOLS
MemoQ
MemSource
SDL Trados Studio

TMS
Across
Multitrans
ONTRAM
SDL WorldServer
Smartcat
XTM

OTHER
CMS: opentext, Adobe, Oracle
Voice-to-text: Nuance, Vocapia, Vecsys
eDiscovery: Relativity
...

Many corporations, government organizations and LSPs choose SYSTRAN to optimize their multilingual processes.

Petit Futé
Unibet
Claas
PSA
Ford
Boehringer Ingelheim
Michelin

Banque de France
Lombard Odier
Crédit Agricole
Société Générale
HSBC
Accenture
Deloitte

Lionbridge
Lexcelera
Crosslang
EDF
RATP
Adobe
Xerox
...

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FLOWS — **S** Support — **P** Procedures — **C** Collaboration — **E** eDiscovery

Data privacy compliance with a secured solution

SYSTRAN Pure Neural® Server is an on-premise solution. It can be installed in your internal Information System behind a firewall or hosted by SYSTRAN in a private and secured cloud. This secured architecture guarantees data privacy and safety and complies with internal security policies. Customer data, confidential information and trade secrets will not leave your company.

Custom Resources
• SYSTRAN dictionaries
• Client dictionaries
• Translation memories
• Language models

MT Engine
RB   SMT   NMT
Best of breed in Machine Translation

YOUR TRANSLATION PROFILES

User Tools — Connectors — API

SECURED — HIGHLY AVAILABLE — SCALABLE

Machine translation seamlessly integrated in your business applications

With unlimited user access, millions of translations per day, and integration with any business application and document workflow, SYSTRAN Pure Neural® Server is the answer to your day-to-day multilingual challenges.

Use our built-in connectors for popular CMS, TMS and e-Discovery apps, or our RESTful APIs for custom integrations. SYSTRAN Pure Neural® Server provides efficiency in content management, eCommerce, customer experience, business intelligence, knowledge management, eDiscovery and procedures workflows.

About SYSTRAN

SYSTRAN, celebrating its 50th anniversary in 2018, is a pioneer in machine translation technologies. The company helps worldwide organizations in their digital transformation with advanced and secure translation solutions. SYSTRAN provides a tailor-made solution that meets the language specificities for each domain and corporate communication guidelines. Thanks to an open and scalable architecture, SYSTRAN's solutions integrate seamlessly into existing IT applications and infrastructure, providing professionals with a greater efficiency. In 2016, SYSTRAN launched its new generation of engines that combines neural networks and AI to offer companies a translation quality very close to human translation and increases their productivity gains.

To experience PNMT® technology, please visit our online demo: https://demo-pnmt.systran.net/