

## Multilingual AI: SYSTRAN Introduces SYSTRAN Pure Neural® Server, a New Generation of Machine Translation Solution for Businesses

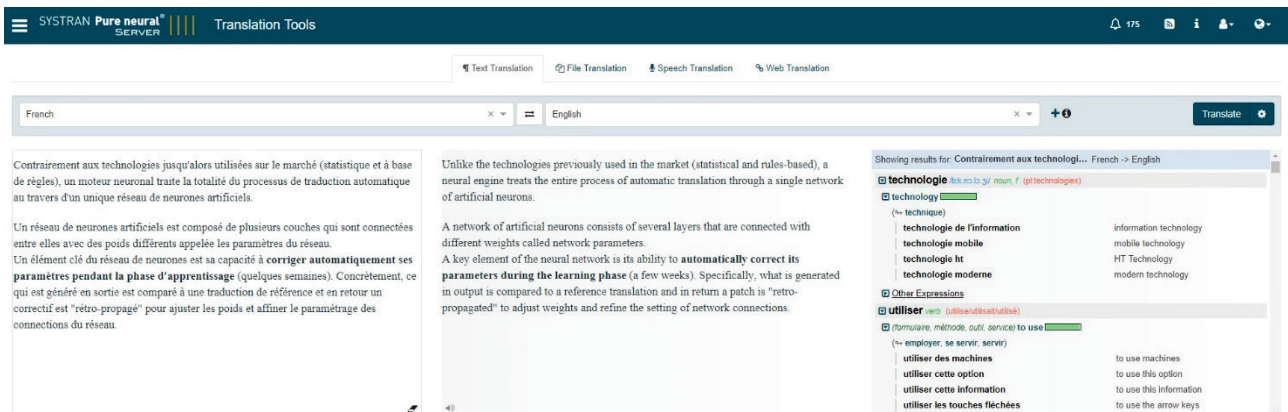
The best of neural translation in a secure, turnkey solution that delivers optimal productivity

Paris, San Diego, Seoul, June 7<sup>th</sup>, 2018 - SYSTRAN has announced the release of SYSTRAN Pure Neural® Server, the next generation of its machine translation solution for corporate customers, based on the latest innovations in AI and deep learning.

Using the most advanced neural technology on the market and backed by an extremely dynamic Open Source community (OpenNMT Framework), the solution is based on SYSTRAN know-how acquired over the past five decades. SYSTRAN Pure Neural® Server is perfectly adapted to the needs of international organizations and to the specificities of their industry and their jargon. The solution is built on specialized translation models, which are trained on their own data. It brings customers optimal quality and an easy integration with existing processes and applications, all within an architecture that complies with the most demanding standards in terms of IT security and data protection.

This new generation is the result of a technological revolution driven by artificial neural networks that has emerged in the machine translation sector. SYSTRAN was one of the forerunners of this major development at the end of 2016. Since then, neural MT has become the new standard on the market. Today, SYSTRAN offers a ready-to-use solution based on this cutting-edge innovation.

**Yannick DOUZANT**, SYSTRAN's Product & Technology Director, explains: *"The new neural translation engines have brought significant improvements in translation quality. Nevertheless, their use requires a greater level of expertise and equipment than ever before. This new generation of server solution is designed to be both technologically innovated and easy to deploy. To do this, we have adapted our technical architecture and all our components so that our customers can get the best out of neural technologies. We also have rethought the interface design and back-office management to deliver an optimal customer experience for both end users and solution administrators."*



The screenshot displays the SYSTRAN Pure Neural Server Translation Tools interface. The header includes the SYSTRAN logo and navigation options like Text Translation, File Translation, Speech Translation, and Web Translation. The main area shows a translation from French to English. The source text is: "Contrairement aux technologies jusqu'alors utilisées sur le marché (statistique et à base de règles), un moteur neuronal traite la totalité du processus de traduction automatique au travers d'un unique réseau de neurones artificiels." The target text is: "Unlike the technologies previously used in the market (statistical and rules-based), a neural engine treats the entire process of automatic translation through a single network of artificial neurons." The interface also features a sidebar with search results for the source text, including terms like "technologie", "technologie de l'information", "technologie mobile", "technologie ht", and "technologie moderne".

Among the new features brought by SYSTRAN Pure Neural® Server:

- **Ergonomics:** New user interface with optimized navigation for greater productivity.
- **Solution features:** Access to both generic and specialized neural engines. New file formats supported (about thirty in all), including image formats, while keeping the original layout. The solution also supports audio files and manuscripts.
- **Administration:** Optimization of translation engines management and implementation. Enhanced user access management.
- **Architecture/Safety:** Redesign of the technical architecture to optimize the neural engines performance. Use of the latest generation of development libraries and platforms to ensure performance and safety.
- **Connectivity/integrations:** New Skype plug-in offering corporate users a multilingual chat for their everyday interactions. New connectors for direct access to the translation server via translation project management, content-management, Big Data analysis and eDiscovery solutions. Further integration is possible with API enhancement.

**Ken BEHAN**, VP Sales & Marketing, Americas and **Gaëlle BOU**, Sales & Marketing Director, EMEAI at SYSTRAN conclude: *"With this new major release, we are proud to offer organizations state of the art of neural technology in a plug & play solution, using our expertise to answer our clients' challenges with communication and multilingual content creation. Reduced translation times and costs, compliance with security and data privacy standards, enhanced quality of customer service are part of the challenges we face every day working with our clients.*

## About SYSTRAN

SYSTRAN, celebrating its 50th year anniversary this year, is a pioneer in machine translation technologies. The company helps worldwide organizations in their digital transformation with advanced and secure translation solutions. In 2016, SYSTRAN further innovated and launched its new generation of engines that combine neural networks and artificial intelligence to offer companies a translation quality very close to human translation and increase their productivity gains in various areas such as: collaboration, content production, customer support, electronic investigation, analysis of Big Data, e-commerce, etc.

SYSTRAN provides a tailor-made solution that meets the language specificities of 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 higher efficiency.

For more information, visit [www.systrangroup.com](http://www.systrangroup.com) and test neuronal translation quality here: <https://demo-pnmt.systran.net/>

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