

SYSTRAN TRANSLATION SOLUTIONS FOR MULTILINGUAL BIG DATA

Welcome to today's corporate world: massive amounts of data, more languages to support, more non-English web content, dramatically reduced decision-making time and much shorter information cycles. Clients demand greater accuracy, speed and service at competitive prices, raising the bar for companies even higher.

Within this Big-Data environment, businesses must integrate real-time translation and linguistic capabilities into multilingual data processing systems that can help them quickly spot critical information in any language. Getting the exact meaning is vital in opinion mining, trend spotting, behavioural analysis and other disciplines. Companies can't afford to overlook information that can give them a competitive advantage, especially for those planning to expand in Asia and in the Middle East.

How SYSTRAN helps

SYSTRAN facilitates **Big Data processing** and ensures **information security**. SYSTRAN provides you with a centralized translation server directly on site to offer fully secure, real-time translation, and a Linguistic Development Kit, so you can get all your multilingual Big Data in a manageable form.

With SYSTRAN, you can process quickly large volumes of multilingual information for the following purposes:

- **Accurate Competitive and Marketing Intelligence** (competitors, e-reputation monitoring)
- **Comprehensive Technology Watch** (patents, STM content monitoring)
- **Deep Customer and User Experience insight** (sentiment analysis, semantic advertising)
- **Electronic Discovery and Digital Forensics procedures**



Ensure information

security: All your sensitive information and intellectual property stay secure because your data and translations never leave your network; this not only prevents data leakage but also guarantees regulatory compliance.



Provide more instant insight:

You can get an unmatched variety of languages, which enhances your monitoring and collection capabilities and sharpens your analyses. You then understand customer expectations and uncover business opportunities.



Quickly translate large volume of contents:

SYSTRAN high-performance and scalable architecture ensures fast, accurate translations, which is key to facilitating information analysis and thus accelerating decision making.



Make your market intelligence system

smarter: Enhance your market-watch tools with linguistic functionalities like Named Entity Recognition or Domain Detection, found in the SYSTRAN Linguistic Development Toolkit.



SYSTRAN language combinations: SYSTRAN offers **45 languages** in more than 130 language pairs; other pairs possible upon request.

130+

Western European

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

Eastern European

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

North American

US English

Latin American

Brazilian Portuguese
Latin American Spanish

Middle East & African

Arabic
Dari
Farsi
Hebrew
Pashto
Somali
Tajik
Turkish
Urdu

Asian

Bengali
Chinese (Simplified / Traditional)
Hindi
Indonesian
Japanese
Korean
Malay
Punjabi
Thai
Vietnamese

45

Solutions that fit

SYSTRAN linguistic technologies: enhance your Semantic Search Software or Data Mining Systems.

At the forefront of linguistics and natural-language processing for decades, SYSTRAN now offers a Linguistic Development Kit (LDK) which lets developers embed **linguistic services in OEM mode**. The LDK features a set of key linguistic libraries listed below in all the languages SYSTRAN supports.

- Document Filtering
- Language Identification
- Segmentation and Tokenization
- Language Normalization
- Document Classification
- Named Entity Recognition
- Transcription
- Morphological Analysis
- Syntactic Analysis
- Word Sense Disambiguation
- Dictionary
- Translation

SYSTRAN Enterprise Server: the only comprehensive solution able to meet the full range of translation needs.

It consists of:

- **A Translation server installed** on premises, providing real-time translations for immediate understanding in a secure environment.
- **An online translation portal** where users can instantly translate texts, emails, Web pages, RSS feeds and documents (TXT, DOC, DOCX, PPTX, XLSX, PDF, HTML, XLM, OpenOffice).
- **A Dictionary lookup** offering instant access to alternative meanings of selected terms from both built-in and user-defined dictionaries.
- **Toolbar add-ons** which allow quick access to user-friendly translation tools integrated within MS Office Suite and major Internet browsers.
- **Open APIs** (REST) that offer easy integration of SYSTRAN Machine Translation (MT) into any market intelligence systems or eDiscovery software platforms.

Key benefits of SYSTRAN Enterprise Server are:

- **Customizability:** new languages can be added, configured, tuned or customized to specific information, domains, etc.
- **Scalability:** can accommodate large numbers of users, machines, data, etc.
- **Extensibility:** can be integrated into almost any environment.
- **Reusability:** language assets can be leveraged for other uses, such as localization projects, collaboration and multilingual communication, or knowledge-base translation for online, self-service support.

Some of our customers:

- Kroll Ontrack
- Stroz Friedberg
- Sizmek
- Expert System

About SYSTRAN

For over four decades, SYSTRAN has been the market leader in language-translation products and solutions. With the ability to facilitate communication in 130+ language combinations, SYSTRAN is the leading choice of global companies, Defense and Security organizations, and Language Service Providers. SYSTRAN is headquartered in Seoul with offices in Daejeon, South Korea; Paris, France; and San Diego, USA.