

# SYSTRAN SOLUTIONS

## FOR WEB & MOBILE APPLICATIONS



Today's Digital Players must attract new audiences and develop new uses to benefit from the incredible growth of mobile internet applications worldwide. Integrating language technologies in a Web or mobile application is a key business differentiator that improves consumer and professional end-users' experience.

To provide a world-class automatic translation service, Digital Players must **meet end-user requirements** (technical/operational) and **enhance customer experiences**. Multilingual functionalities must be easily integrated into their Web or mobile applications and offer real-time reliable translation (online or offline), ensuring the ability to understand, amongst others, user-generated content, including user-review. Optimal translation solutions should be scalable – quickly processing huge volumes of translation requests – and ensure high availability, with nearly zero user disruption.

## How SYSTRAN helps

Digital players use SYSTRAN to develop **innovative Web and mobile applications that help end-users bridge language gaps and facilitate communication**. SYSTRAN provides the technology-based tools they need to integrate their own automatic translation capabilities into all types of consumer media.

SYSTRAN can be integrated in several ways:

- **Online or offline translation embedded in a mobile app** (pocket-held translator for travelers)
- **On-the-fly translation of user-generated content** (reviews on e-commerce websites)
- **Linked speech-to-text solutions** (Automatic Speech Recognition systems)
- **Chat translation** (online pre-sales support)



**Offer seamless user interface:** SYSTRAN Translation service can be easily integrated into a mobile software system or mobile application device, relying on SYSTRAN's APIs.



**Deliver unmatched service availability** to a very large number of users: SYSTRAN provides robust and scalable technology architecture that ensures virtually no user disruption.



**Keep service costs under control:** SYSTRAN systems make translation processes predictable, thereby ensuring that service costs stay under control at all times.



**Allow end users anytime, anywhere usage** without any incurring costs (e.g. roaming fees): with SYSTRAN Translation services, no online connection is required.



# Solutions that fit

SYSTRAN Enterprise Server provides a scalable and open solution to ease integration of translation features into any Web and mobile application.

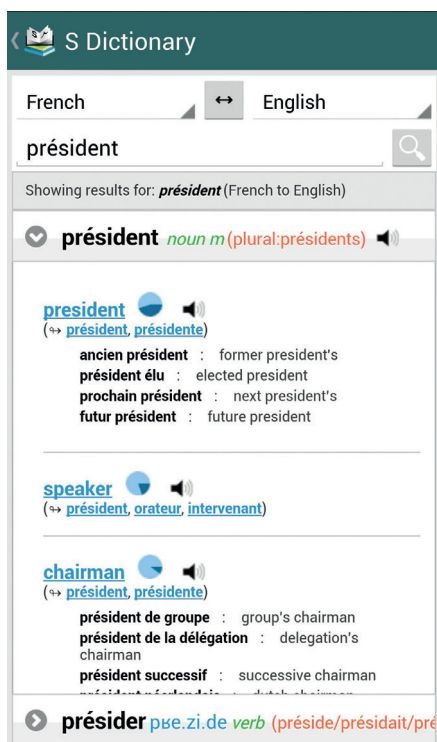
SYSTRAN Enterprise Server consists of:

- A **translation server** that provides real-time translations, and can be installed in the cloud or on premises if serving offline translations is required.
- **Open APIs** (REST), which offer easy integration of SYSTRAN Machine Translation (MT) systems into Web and mobile applications.
- **Translations customized to specific industries or topics:** the MT engine can be trained to recognize specific terminologies or domains to deliver enhanced translation quality to end-users.
- **Dictionary Lookup:** search for meanings of language terms in SYSTRAN's Main Directory, specialized dictionaries or user dictionaries.
- **Robust technology architecture:** proven architecture able to support everyday large volumes of translation and ensure service availability.
- Extensive language coverage: **45+ languages** in more than **130 language pairs** (other pairs possible upon request).
- **Wide range of supported formats:** Text, Web, RSS Feed, Files (TXT, DOC, DOCX, PPTX, XLSX, PDF, RTF, HTML, XML).

## Offer a globalized user experience to mobile end-users

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 a mobile application. Our LDK features a set of key linguistic functionalities listed below in all languages supported by SYSTRAN.

- Document filtering
- Language identification
- Segmentation and tokenization
- Language normalization
- Document classification
- Named entity recognition
- Dictionaries →
- Morphological analysis
- Syntactic analysis
- Transliteration
- Word-sense disambiguation (WSD)



## Build your own specialized dictionaries...

For users that require a specific vocabulary (medical, law, finance, technical, tourism, etc.), build them a personalized dictionary centered on their needs.

## ...and offer rich features providing more meaning!

At a glance, the SYSTRAN Dictionary lookup displays phonetic representation, contextual clue, inverse translation, associated expressions or meaning frequency, which enhances users' capabilities.

## 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.