## **SYSTRAN** Linguistic Development Kit (LDK)

## Create the solutions your customers are dreaming of

Because Machine Translation (MT) development requires high-end technologies, SYSTRAN has been at the forefront of linguistics and natural-language processing for decades.

## Our supported languages offer key linguistic functionalities, including:

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



Taken separately, each module is an efficient tool for processing language, documents or names. Combine them and you benefit from powerful multilingual capabilities for data mining or semantic search solutions.

Whatever your end-customers need (e-discovery and digital forensics, OSINT or COMINT analysis, competitive and marketing intelligence, e-reputation monitoring, sentiment analysis for more customer insight), SYSTRAN'S LDK enables you to utilize and analyze both structured and unstructured multilingual content, such as user-generated content, social media, Web content and more.

## Now you're fully equipped to create powerful data-mining or intelligence solutions for your innovation-loving customers!

These linguistic features are distributed as a **Software Development Kit** with a low memory footprint, making it easy for external developers and tech partners to embed them in their own apps and services.

REQUIREMENTS	Low memory footprint native C++ libraries, with bindings for most common development languages (Java, .NET, Javascript, etc.)
PLATFORM SUPPORT	Windows, Linux, Mac OS, iOS, Android





Selects best meaning of a word depending on the context