How does Automatic Translation Software work?

Automatic translation software systems use sophisticated translation technology with comprehensive dictionaries and a collection of linguistic rules that translate one language into another without relying on human translators.

An automatic translation software system interprets the structure of sentences in the source language (the language the user is translating from) and generates a translation based on the rules of the target language (the language the user is translating to). The process involves breaking down complex and varying sentence structures; identifying parts of speech; resolving ambiguities; and synthesizing the information into the components and structure of the new language. Machine translation is considered a “gisting” application, producing translations that enhance the end-user’s understanding of the original document. It does not produce the same level of translation that a human translator could provide.