

Sakhr Mobile S2S Translator

Speak, See and Hear English and Arabic

Based on almost two decades of experience with over 100 Arabic and English speaking customers, the Sakhr Mobile S2S Translator is the world's first and only live mobile Speech-to-Speech (S2S) application. The Sakhr Mobile S2S Translator is easy to use, yet provides instant and accurate translations – anywhere you want.

Sakhr Software makes bi-directional spoken communication as simple as 1, 2, 3:



1 Speak English or Arabic

2 See the Translation

3 Hear It Out Loud

MOBILE S2S IN ACTION

TRAVEL ASSISTANCE

Helps travelers to Arabic speaking countries with real-time translation assistance.

DEFENSE & INTELLIGENCE

Gathers ground communications and relays them to a central server in real-time for aggregation, analysis and intelligence.

LANGUAGE LEARNING

Assists Arabic language learners to gain additional proficiency with speaking, listening and reading.

FIELD ASSISTANCE

Helps field personnel with non-security situations, such as relationship-building exercises and humanitarian aid.



Easy interface with touchpad or keypad entry – all on your handheld device



Ranked #1 for accuracy by US government metrics and human evaluation



Powerful translation servers enable rapid processing and data mining



Extensive corpus with over 6 billion words, 3 million expressions and 10,000 rules

Fifteen Years of Arabic Expertise

The Sakhr Mobile S2S Translator is built on Sakhr Software's 15 years of research and development dedicated solely to the Arabic language. Powered by Sakhr Software's comprehensive rules-based NLP infrastructure, the Sakhr Mobile S2S Translator is able to handle any Arabic linguistic complexity. Over 100 customers in English and Arabic speaking countries rely on proven solutions from Sakhr Software.

Advanced Speech and Language Technologies

The Sakhr Mobile S2S Translator utilizes some of Sakhr Software's key speech and language translation technologies, including:

- **Machine Translation (MT):** Unlike statistical-based solutions, Sakhr MT is rules-based, which means it automatically understands the source text through linguistic analysis – in particular morphological, lexical, semantic and syntactic contexts. Sakhr Software's rules-based platform creates much more accurate and faster translations across different domains and text genres.
- **Automatic Speech Recognition (ASR):** Sakhr ASR is the core technology that can understand spoken Arabic across a wide range of utterances, noisy environments, and accents from the Arabian Gulf, Egypt and Levant. Sakhr ASR is speaker-independent and can integrate with telephony systems, mobile devices and other applications.
- **Text-to-Speech (TTS):** Sakhr TTS converts Arabic text into a natural, human-sounding voice. With a powerful rules-based diacritization engine, Sakhr TTS obtains 97% accuracy, even when embedded in mobile phones.
- **Speech-to-Speech (S2S):** Sakhr S2S enables real-time verbal translation between English and Arabic, allowing an English or Arabic speaker to instantly understand and be understood by a speaker in the other language. Sakhr Mobile S2S Translator is the world's first live mobile person-to-person translator.

About Sakhr Software USA

Sakhr Software USA connects the English and Arabic worlds. For nearly two decades, Sakhr Software has delivered the most accurate, advanced and comprehensive suite of Arabic speech and language solutions. Organizations like the Department of Defense, the World Bank and NBC rely on Sakhr Software to understand any type of content and communicate in any situation – from quickly deciphering volumes of Arabic manuscripts to easily communicating with Arabic speakers. Sakhr Software USA is headquartered in Washington, DC and Vienna, VA.

SAKHR SOFTWARE SOLUTIONS

- Optical Character Recognition (OCR)
- Machine Translation (MT)
- Text-to-Speech (TTS)
- Automatic Speech Recognition (ASR)
- Speech-to-Speech (S2S)
- Personal Translation Services
- Text Search
- Text Mining
- Document Management

FEATURED CUSTOMERS

- Alcatel-Lucent
- Carnegie Mellon University
- Dept. of Defense
- Dept. of Homeland Security
- Dept. of Justice
- European Commission
- Government of Canada
- Intel Corporation
- NBC News
- Northrop Grumman
- University of Chicago
- U.S. Institute of Peace
- World Bank

For More Information

Email us at info@sakhrusa.com or visit www.sakhrusa.com to learn how to translate any Arabic content for any situation.

Sakhr
Software USA

First in Arabic
language technology