

Sakrament Text-to-Speech Engine 2.0

Sakrament sounds good

Sakrament TTS Engine is the next-generation of Text-to-Speech (TTS) engine that provides the most natural- sounding voice for your current TTS applications. Voice enabled with Sakrament TTS Engine can be a wide range of applications accessing dynamic information such as e-mail, news feeds, account status information, product information or schedules.

Sakrament TTS Engine 2.0 highlights

Speech quality

Sakrament TTS delivers high quality, smooth and natural-sounding text-to-speech output. Given TTS Engine can read any text based information, both in male and female voices.

Multiple languages and voices

Available languages include Russian, Belarusian, Ukrainian and UK English. In addition, many more languages such as US English, Polish are under development. Sakrament TTS also offers five built-in individual voices that are available for each language.

Custom Voice creation

Sakrament can help companies that use a custom voice to extend a specific company “image” through their applications by developing their own, exclusive TTS voice.

Flexibility

Sakrament TTS supports APIs features to dynamically change the intonation, the volume and the speed of the speech. This high quality Engine provides ability for users to mark up the language by XML tags to set options such as required language or voice output and pauses.

Customization

Industry specific words, proper names, abbreviations or acronyms can be added to the custom dictionary tool by open lexicon mechanism.

Client server architecture

Sakrament TTS is designed for client-server configurations and can be confabulated into all types of speech enabled applications without any engineering effort.

Text Processing

Sakrament TTS Engine uses original sophisticated algorithms for text processing and normalizations to convert text to speech output so users can hear natural language when accessing the application.

Optimization

Sakrament TTS is intended for running 24 hours per day/ 7 days per week providing high performance and resource saving operation leading to high efficiency.

For more information about Sakrament Text-to-Speech Engine v 2.0 or for information on our customized voice products, give us a call at +375 (17) 284-0650. Please visit Sakrament Speech Technologies web site at <http://www.sakrament-speech.com>

Sakrament TTS Engine technical specification

- **Benchmark details:**

CPU - A PentiumI\ PentiumII equivalent or later processor at 266 MHz;

Memory: 32 MB;

Hard Drive Space- 0.5 MB for TTS Engine; 6-15 MB per language; 1 MB per voice;

- **Platform supported:** Windows 98, ME, NT, 2000, XP;
- **Languages in set:** Russian, Belarusian, Ukrainian, UK English, multilingual support ;
- **Voices in set:** 3 male and 2 female, multivoice support ;
- **APIs:** Microsoft SAPI 5.x;
- **APIs features:** SMP support; user and application lexicons; bookmarks; intonation; phoneme, word and sentence boundaries notification; viseme notification; phone lines support (TAPI 3); real-time speed and volume changing and via XML tag;
- **Development languages:** C, C++, VB, Delphi, Java;
- **Sakrament TTS input:** Unlimited vocabulary and text size, raw text, phonetic and prosodic input;
- **Text normalization:** date, time, numbers, addresses, currencies, phones, units, abbreviations and exceptions;
- **Lexical text processing:** URL, e-mail, HTML, automatic codepage identification;
- **Output stream:** multimedia device, file, memory buffer, phone line (via TAPI), ACM stream;
- **Native sound format:** PCM, 22 kHz, 16 bit, automatic waveformat conversion (via ACM);
- **Additional tools:** Lexicon manager (add, remove, edit, export and import lexicons, words and pronunciations);
- **Additional components:** Samples with source code;
- **Extensive SDK documentation.**

About Sakrament

Sakrament company, one of the leading software developer in the sphere of speech recognition and text-to-speech (TTS) technologies for the Russian language. Sakrament products, including Sakrament Text-to-Speech Engine (TTS) and Sakrament Speech Recognition Engine (ASR) provide the most natural communication solutions available for the Russian language. Sakrament technology allows to integrate speech solutions into existing voice processing platforms and develop a various types of speech enabled applications.



For more information:

Sakrament company
Vostochnaja St. 131
220113 Minsk Belarus

Tel: +375 172 840650

Fax: +375 172 840650

E-mail: info@sakrament-speech.com

www.sakrament-speech.com