SESTEK

Conversational Automation Company

KNOVVU
TEXT-TO-SPEECH

DATA SHEET

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Text-To-Speech

Elevate your brand
with voice

Text-to-Speech (TTS) is a powerful speech synthesis technology that can vocalize written text into audible speech with a human-like voice. The technology helps businesses to deliver high-quality self-service applications to customers while improving the experience.

DIFFERENTIATORS

1. Customized Solution:

We can develop unique, natural-sounding, brand-specific voices with ease.

2. Voice tunning:

Speech rate and volume can be adjusted without compromising authenticity.

3. SSML support:

We provide more human-like experiences with pauses, numbers, date, time formatting and more.

4. Multi-language:

Currently, we give brands voices in 15 different languages.

5. Fast Adaptation:

We can develop and expand brand voices generated from limited voice samples.

6. Flexible Deployment:

Our flexible API effortlessly integrates into client's services, solutions and applications.

BENEFITS

INCREASE SELF SERVICE

Our advanced speech synthesis technology delivers human-sounding voices that customers enjoy interacting.

IMPROVE EXPERIENCE

TTS technology is essential for any self-service application, but it has to be human-like voice for an improved experience.

REDUCE COSTS

When customers can interact with systems seamlessly, process automation and self-service rates increase.

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1. Custom Voice

Our Text-to-Speech technology includes a Custom Voice Creation feature that enables businesses to create unique, branded voices that set them apart from competitors. This feature utilizes advanced machine learning algorithms and deep neural networks to analyze and mimic the vocal characteristics of a designated voice talent. The resulting voice can then be used to generate high-quality, natural-sounding speech for use in various applications, including e-learning, virtual assistants, and audiobooks. The process of creating a custom voice involves recording and processing large amounts of speech data, followed by fine-tuning the resulting model to produce the desired vocal characteristics.
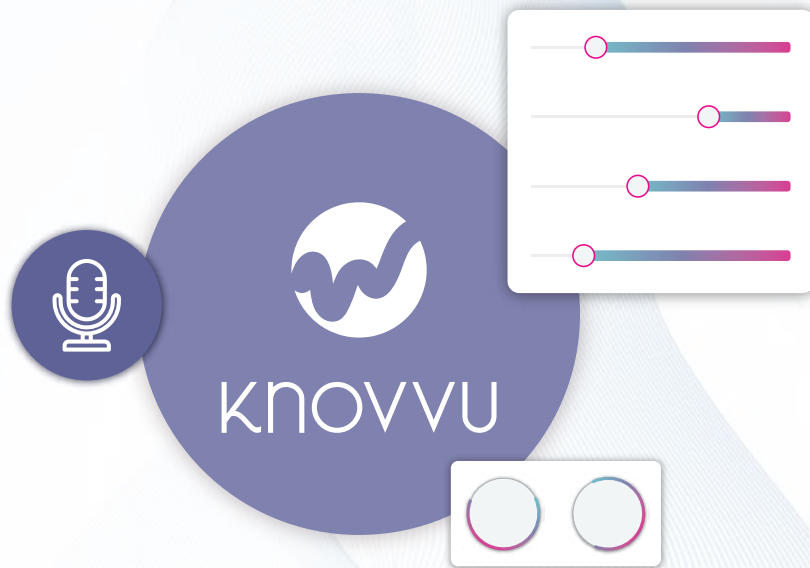
2. Language Support

Knovvu Text-to-Speech technology supports multiple languages, enabling businesses to communicate effectively with a diverse customer base. We are continually exploring new opportunities to expand our language support, so businesses can communicate effectively with customers around the world. The following languages are supported by Knovvu Text-to-Speech:

1. English
2. French
3. Spanish
4. German
5. Arabic
6. Turkish
7. Russian
8. Urdu
9. Ukrainian
10. Indian-Hindi
11. Azerbaijani
12. Kurdish
13. Japanese
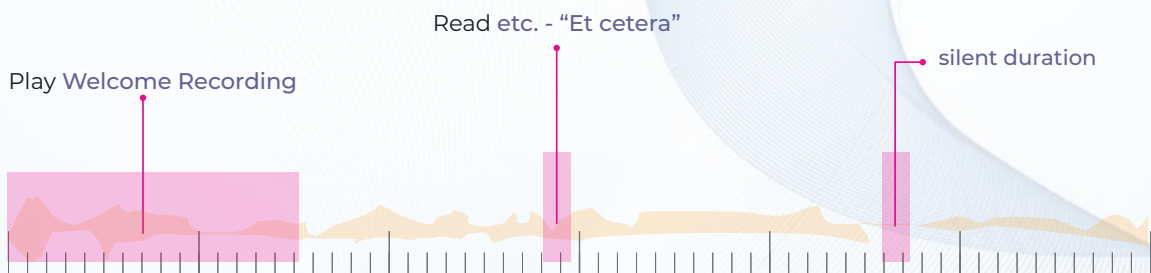14. Persian
15. Pashto

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3. Voice Tunning

Businesses can easily adjust the tone, pace, and emphasis of their audio content to create a truly personalized experience for their listeners. Our voice tuning feature enables businesses to change the speed and volume of our natural-sounding voices, ensuring that the resulting audio content accurately represents their brand and messaging.

4. SSML Tag Support

We offer our customers the ability to use Speech Synthesis Markup Language (SSML) tags with our Text-to-Speech technology. SSML tags allow businesses to customize the pronunciation, intonation, and emphasis of their audio content, creating a more engaging and personalized experience for the listener. Our support for the most commonly used SSML tags, including break, say as, and even insert audio files, all with just a few lines of code.

Read etc. - "Et cetera"

silent duration

Play Welcome Recording

5. Custom Abbreviations

It enables businesses to define their own abbreviations and pronunciations for specific words, ensuring that the resulting audio content accurately represents their brand and messaging. This level of control enables businesses to create highly customized and engaging audio content that resonates with their audience. By leveraging our custom abbreviations feature, businesses can ensure that the resulting audio content is free from mispronunciations and other errors that can undermine the credibility of their message.

6. Easy Deployment

On-premise Deployment

With the on-premise deployment of Knovvu Text-to-Speech, businesses can have complete control over their data, ensuring maximum security and privacy. The software can be installed on your own hardware, allowing for faster data processing and reduced latency. Additionally, Knovvu Text-to-Speech offers easy integration with existing software and systems, making it a seamless addition to your business's infrastructure.

Cloud

All the advantages of the Knovvu Text-to-Speech are provided by our SaaS, but without the difficulties of implementing it within your own team and environment. It offers scalability, enabling businesses to increase or decrease their computing resources as needed. This deployment option eliminates the need for businesses to maintain your own hardware, reducing maintenance costs and minimizing the need for technical expertise. With Knovvu Text-to-Speech's cloud-based solution, businesses can easily access the software from anywhere, on any device with an internet connection.

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7. Integration Types

REST (Representational State Transfer)

Knovvu Text-to-Speech offers a API that enables businesses to easily integrate our technology into their applications and workflows. With the REST integration, businesses can send HTTP requests to our API to convert text to speech and receive the resulting audio content in a variety of formats. The REST integration is easy to use and offers businesses complete control over the resulting audio content. The REST integration is a popular choice for businesses that require flexibility and ease of use in their integrations.

MRCP (Media Resource Control Protocol)

Knovvu Text-to-Speech also offers MRCP integration, which enables businesses to use our technology through a standardized protocol that supports both local and remote media servers. It is the recommended integration method for IVR systems. The MRCP integration offers businesses high-level control over the speech synthesis process and enables them to use our technology across a wide range of platforms and devices.

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Bank Gives Voice to its ATMs for Visually Impaired Customers

Using Text-to-Speech technology, one of the most reputable banks in Turkey, Yapı Kredi introduced voice-enabled ATMs to serve visually impaired customers.

☑ 1st

First bank to introduce voice-enabled ATMs

↑100%

Increased accessibility for visually impaired customers

👍

Contributed to brand reputation as innovative and customer-focused

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SESTEK is a conversational automation company helping
organizations with conversational solutions to be data-driven, increase
efficiency and deliver better experiences for their customers. Sestek's
AI-powered solutions are built on text-to-speech, speech recognition,
natural language processing and voice biometrics technologies.

SESTEK is a part of UNIFONIC

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