Vocalizer Studio - tuning tools for Vocalizer 7

Suite of easy-to-use graphical tools to monitor, evaluate, adjust and fine tune Vocalizer 7 TTS.

NUANCE®

Vocalizer Studio.
A suite of tools for Vocalizer 7.

Although Vocalizer 7 features extremely natural-sounding TTS output, it is important to be able to modify the output to taste. After all, even with the best voice actors, a good voice coach or director can do wonders. Vocalizer Studio is a suite of easy-to-use graphical tools that provides unprecedented control over speech output.

Monitor and evaluate the output of Vocalizer 7 with Quick Evaluator; adjust the way input text is treated with Rule Set Editor and User Dictionary Editor; fine tune speech output with PromptSculptor, a powerful interface for customizing expressivity and for blending TTS with recorded speech.

Nuance Vocalizer Studio – snapshot

Vocalizer Studio is designed as a set of plug-ins that can be used separately or together in a tabbed suite. This modular architecture is designed for flexibility and will allow Vocalizer Studio to evolve along with advances in Vocalizer 7 TTS technology.

Key benefits

Hear what your callers are hearing.
Conveniently check the output of Vocalizer 7 with the Vocalizer Studio quick evaluation window. Choose a voice and enter text – it's that simple.

Modify output to taste.
Some words can be pronounced correctly in more than one way and a phrase may have the right emphasis for one context but not another. You may wish to change a pronunciation here or add a little more expressivity there. With Vocalizer Studio it's easy to make Vocalizer 7 say it your way.

Integrate recorded prompts.
Vocalizer Studio enables any recorded prompt to be integrated into Vocalizer 7. The result is seamless blending of recorded speech with TTS output, free from audio artifacts such as clicks and irregular pauses.

Payment is due next Thursday.

Your shipment is on its way!

Your balance is $249.16

That item will be back in stock on the 1st.

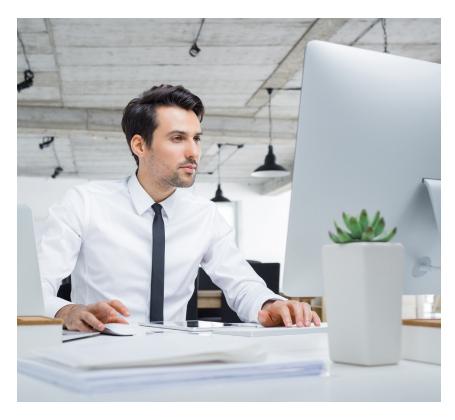Our current rate is 3.74% APR.

Features

Vocalizer Studio Quick Evaluator
Hear what your callers are hearing with Vocalizer Studio Evaluator. The main view of Vocalizer allows you to point to an instance of Vocalizer 7 and choose a voice from the inventory of installed voices. It's also possible to load any preexisting TTS tuning files such as pronunciation dictionaries or text processing rule sets. Then it's simply a matter of typing a phrase into the Quick Evaluation window to hear Vocalizer 7 in the voice of your choice.

User Ruleset Editor
Many sources of text (databases, email messages, even IVR dialogue) can contain specialized abbreviations, acronyms, and other types of shorthand. Although Vocalizer 7 contains powerful built-in routines for normalizing text, it is impossible to account for all possible short forms. The User Ruleset Editor provides a straightforward interface for cre¬ating text translation rules. These can be simple replacement rules such as UN*X + Unix or SAP + S A. P or more complex rules with pattern matching such as ^DR + Doctor, indicating a rule that only applies if the abbreviation occurs at the beginning of a sentence. Rulesets support a standard set of pattern matching characters; these are available for selection from a drop down menu in the User Ruleset Editor.

User Dictionary Editor
With the User Dictionary Editor it is easy to create preferred pronunciations and store them in a user dictionary. This will enable Vocalizer 7 to pronounce words your way. For example, if you wish all instances of a name like "Goldstein" to rhyme with 'dean' rather than 'dine', create an entry

for Goldstein in the User Dictionary Editor and then create a phonetic representation for your preferred pronunciation. This can be done by choosing phonetic characters one by one from a table or, more simply, by generating a phonetic representation automatically from a 'creative spelling' such as "Goldsteen". The results generated in this way can be evaluated using the "Listen" button and then committed to the user dictionary if satisfactory. This is a fast and intuitive way to improve the way Vocalizer 7 pronounces words for your application.

PromptSculptor
PromptSculptor is to Vocalizer 7 as a voice coach is to a voice talent. Just as the User Dictionary Editor makes editing pronunciations easy, PromptSculptor makes the editing of emphasis and expressivity

straightforward and intuitive. Simply enter text (by hand or from a list) and choose the words or phrases in the text that you wish to modify. By providing intelligent alternative renditions of the output, PromptSculptor provides you with a means of mixing and matching the output to taste. It is also possible to modify pitch and duration using a visual tuning matrix and to apply rate and volume changes as well. The metaphor of the voice talent coach is quite close to the mark; with PromptSculptor it is possible to achieve subtleties of expression that can approach or surpass what could be achieved in the studio with a voice talent. In so doing, PromptSculptor broadens the range of applications for which Vocalizer 6 can be used as a substitute for recorded speech.

Integration of Recorded Audio
For cases where it is not possible to achieve the range of expressivity desired, or in cases where static recordings are preferred for certain prompts, recorded audio can be integrated directly into Vocalizer 7. With PromptSculptor it is possible to enter text (by hand or from a file) and associate recorded audio with the text. This will inform Vocalizer 7 to use the recording provided whenever it encounters the specified text. In this way, all the spoken output for an application, both static and dynamic, can be driven by the Vocalizer 7 engine. The advantages are:

– Clean and seamless blending between recordings and TTS
– No need to fetch audio, no need for caching, no subdialog calls
– Simplified application development: text in, speech out

Availability
Vocalizer Studio for tuning purposes is included with the purchase of any Vocalizer 7 runtime license. An annual or perpetual Vocalizer Offline license allows users to create offline prompts for IVR and telephony applications.

Studio tools training
Nuance University is the one-stop-shop for the learning needs of Nuance partners and customers. Vocalizer Studio training is available to help you maximize your investment. You'll learn how to install and configure the tools, how Vocalizer converts text into speech and how you can use Vocalizer Studio for text-to-speech prompt tuning and optimization.

For other applications please get in touch with Nuance.

About Nuance Communications, Inc.
Nuance Enterprise is reinventing the relationship between enterprises and consumers through customer engagement solutions powered by artificial intelligence. We aim to be the market leading provider of intelligent self- and assisted-service solutions delivered to large enterprises around the world. These solutions are differentiated by speech, voice biometrics, virtual assistant, web chat and cognitive technologies; enabling cross-channel customer service for IVR, mobile and web, Inbound and Outbound; and magnified by the design and development skill of a global professional services team. We serve Fortune 2500 companies across the globe with a mix of direct and channel partner selling models.