



Reinventing Voice

Spark Real Conversations with Personable, Intelligent Speech

It's now quick, easy and cost-effective to create a branded and personalized voice

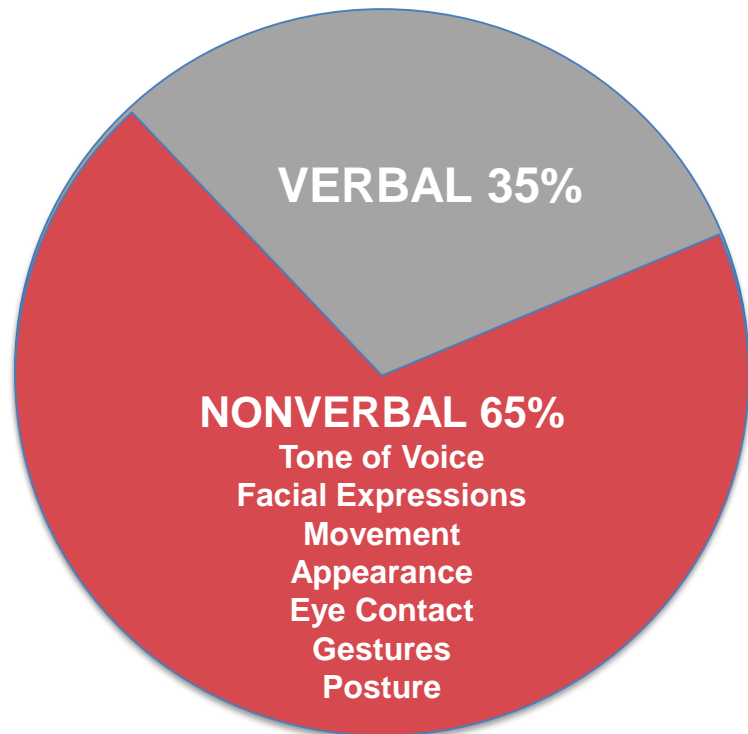
Shing Pan, VP Business Development

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Effective Communication



Human-to-Human Communication



Human-Machine Communication



Spoken Words

+

Tone of Voice (Prosody)

What is a Good Digital Voice



- **Naturalness**
- **Intelligibility/Clarity of Speech**
- **Accuracy**
- **Ease of Understanding/Listening**
- **Sound Quality**
- ...

• **Prosody**



Did **YOU** read him his rights?

VS

Did you read **HIM** his rights?

Speech Synthesis with or without Prosody

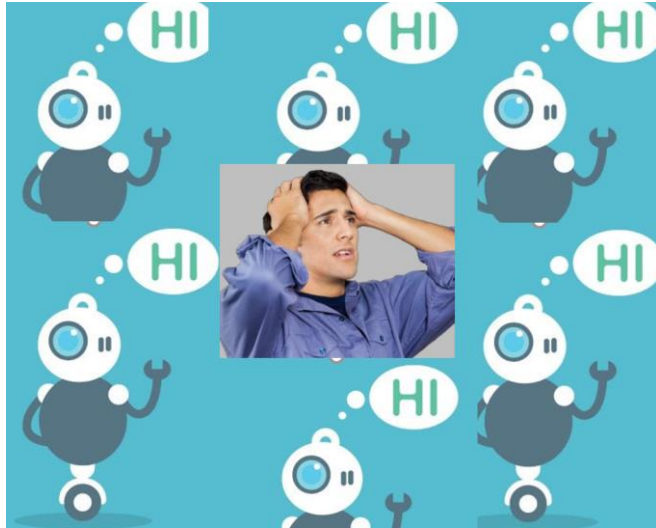


- **Most Current Text-to-Speech DONOT Explicitly Model Prosody**
 - **cannot control** or customize exactly how the speech should sound
 - may lead to **monotonous-sounding** speech
- **Speech Synthesis System such as [Speechmorphing](#) with Cross Language Voice Style Analysis, Synthesis & Prosodic Modeling**
 - can produce **expressive, natural sounding** speech
 - has **highly customizable** voices
 - has **clearer, more personable** and **human-like** speech
 - is highly **scalable, robust** and **flexible**





Who's voice is that?



- We are surrounded by voices that are
 - **generic**, sound alike
 - monotonous, **non-expressive**
 - with **no brand personalities**
- Custom voices are non-accessible due to
 - **high cost** and long time to produce, and it comes with fixed intonations that **can not be customized** per situational context
- Recorded talent voices facing challenges, such as
 - talents' voices change over time
 - talents' availability
 - **repeated studio recording** trips for prompt changes
 - **stitched voices** that sometimes do not even sound the same



**“PERSONALIZATION IS THE NATURAL DIALOGUE BETWEEN
PEOPLE, AND BETWEEN SUCCESSFUL BRANDS AND
CONSUMERS.”**

Mike Catania
Co-Founder of Keycode
A Leading Internet Promo Company

Voice Brings Your Brand to Life



**Voice is an extension of your brand.
It's the personality and tone of your business.**

Ask Yourself... ?

- Do your IVR voices reflect your brand image? Are they natural? Expressive?
- Do your digital agents improve (or hurt) the customer experience?
- Do your chatbots build a stronger connection? More engagement?
- Are these voices smart and responsive to customers' moods and needs?
- Can you immediately and effectively transition from your existing IVR systems into the modern world of conversational bots, using new or existing familiar voices



Speechmorphing: Voice Personalization in the Age of Conversational AI



- AI is enabling a more customized/personalized experience, with intelligence/insight, speed and accuracy
- **Voice is an integral part of customer experience (CX) personalization**
 - **a custom, “branded” voice that is unique** to your organization and conveys a desired persona
 - **10-30 minutes** of voice recordings...and **days** of voice production
 - **a voice that is dynamically customized** with situation-appropriate voice styles and tones based on caller information and context
 - **dynamic prompts** with dictated prosody and variable fields (names, time, location, address, ...)



SMORPH™ Voice Rendering Application – Personalized Call Flow and Branded Voice through the Customer Journey



The screenshot displays the SMORPH™ Voice Rendering Application interface. At the top left, the text "smorph™ ANY VOICE RENDERING" is visible. The user profile "John Doe, Male, Older Adult, English" is shown at the top right. The interface is divided into several sections:

- Voice Selection:** Includes a "Search Voice" input field and dropdown menus for "Gender", "Age", and "Language". A callout box labeled "Changing Voice" points to this section.
- Domain Selection:** Includes a "Search Domain" input field and a "Domain" dropdown menu. A callout box labeled "Changing Domain" points to this section.
- Text Input:** A large text area containing placeholder text: "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim...". A callout box labeled "Speech Modifiers" points to the controls below this area.
- Style Selection:** A dropdown menu with options: "Neutral", "Sympathetic", "Customer Service", and "Sales Pitch".
- Speech Modifiers:** A control panel with sliders for "Volume", "Speed", and "Pitch", each with a red 'X' icon above it. A play button is on the left, and a waveform visualization is on the right.
- Buttons:** "OPEN" and "SAVE" buttons are located at the bottom right of the text input area.



- **Create Templates**

- Start with **Preferred Prosodies** of human recordings
- Modify prosodies to your needs
- Select parts of the template-based sentence/prompts to become **variables that can dynamically change** during synthesis

- **Same process for exiting IVRs or Conversational Bot**

- Same voices across multiple voice channels/touch points
- Known/Approved prosody
- Use high quality, fully synthesized sentences for **Smooth, Non-Stitching, Dynamic Prompts**

“Speechmorphing’s unique ability to create high-quality and expressive synthesized voices with a small amount of speech data makes custom voices a true option for companies and applications. It particularly addresses the growing need for companies to have personalized and branded voices for their digital agents.”

**William Meisel, President, TMA Associates
and Editor, LUI News**

About Speechmorphing



Our Mission: Improving human/machine communications by easily creating voices that are **personalized** and **expressive**.

Smorph™ Voice-on-Demand Service: Our voice solution is **dynamic** and **scalable** with rich features and tools to customize voices on the fly.

Low Cost, High Quality: Our technology reduces the time and cost of creating customized voices, hence high-quality **branded voices** are now **accessible** for any company.

Speeding Proliferation: By making it **fast**, **easy**, and **affordable**, we expect to expand the use of synthesized speech in more real world applications. Developers now have more **freedom** and **options** to innovate dynamic voice solutions.

Speechmorphing: Redefining Voice



Branded Voice. On Demand.

- Unique voice of your own

Emotional Intelligence. Expressive Speech.

- Right emotion and tone for any situation

Diverse Styles. Dynamic Conversation.

- Choose from a wide range of voice styles or build your own

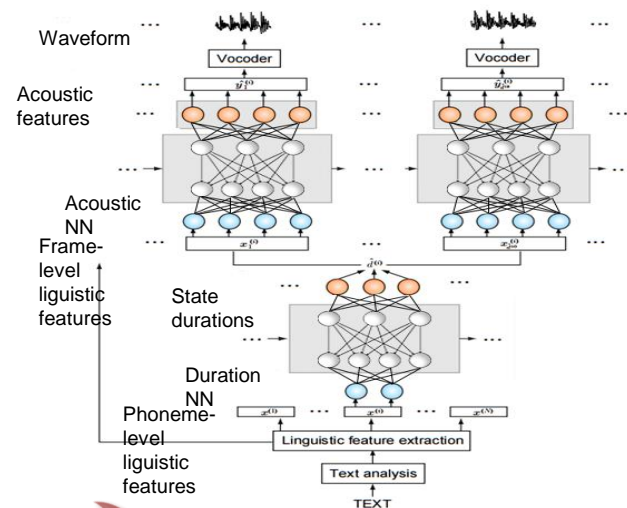
Private Domains. Rich Library.

- Domain sensitive voices, lingos and manners



Speechmorphing leverages

- Advanced linguistic and prosodic modeling
- Hybrid Neural Network speech synthesis
- Same rich data across models





Contact us:

shing@speechmorphing.com

www.speechmorphing.com



Thank You!

