



Key Technologies

We've blended our leading proprietary voice AI technology with large language models and private data domains to create the smartest, most capable in-car voice assistants drivers have ever experienced.

SoundHound Chat AI Automotive

Benefit from a fine-tuned set of integrations, seamlessly interacting with each other to provide the best results. Get responses from our own domains as well as Perplexity, ChatGPT, and Vehicle Intelligence. Our unique AI Customization features such as Brand ID and Brand Personality finish our offering in a tailored, unprecedented experience.

ASR & NLU: Understanding Meaning from Speech

Our integrated approach turns speech into actionable commands with unparalleled accuracy.

- ✓ ASR uses Speech-to-Meaning® technology to convert speech to text
- ✓ NLU employs Deep Meaning Understanding® to interpret user intent
- ✓ Works in tandem from the first word spoken for faster processing
- ✓ Handles complex queries and multiple questions simultaneously
- ✓ Processes both spoken and text-based inputs
- ✓ Delivers quick, precise responses to intricate requests
- ✓ Filters results on the fly for more relevant answers

Extensive Voice Library

Pick a personality for your car.

We partner with industry leaders, we can enable TTS and combine everything to offer a vast array of high-quality voices.

Always - on Hybrid Edge + Cloud Connectivity.

Embedded for flexibility. Cloud for depth.

Combine them, and you've got a voice AI that's both lightning-quick and always ready information, real-time data, or controlling their car.

SoundHound AI
Automotive



"Roll up the windows and find me Asian restaurants, except Chinese and Japanese, within 3 miles of Union Square, with at least 3 stars, that are currently open and have free parking."

Cutting-Edge TTS Technology

"Wow, that sounds human."

- ✓ Cloud-based solutions for ultimate flexibility
- ✓ Compatible with mobile, desktop, IoT, automotive, and smart home devices
- ✓ Neural TTS: Deep learning models for natural, human-like speech
- ✓ Concatenative TTS: High-quality pre-recorded segments for clarity and precision
- ✓ Proprietary Neural TTS with expressive capabilities

Houndify: Build Your Own AI

Build and deploy your own conversational assistant with our powerful tools.

- ✓ Access a library of pre-built content domains
- ✓ Customize commands to fit your specific needs
- ✓ Create voice-enabled apps and services
- ✓ Brand ID
- ✓ Brand Personality

Cloud-Based TTS

Flexibility meets scalability.

We offer cloud-based TTS solutions, ensuring seamless integration across various infrastructures:

- ✓ Mobile devices (iOS and Android)
- ✓ Desktop applications (Windows, macOS, Linux)
- ✓ IoT devices
- ✓ Automotive systems
- ✓ Smart speakers and home assistants

Automotive Integration

We also assist our automotive partners in integrating our TTS products into various platforms, including:

- ✓ In-car entertainment systems
- ✓ Navigation systems
- ✓ Voice-activated controls

Wake Word

Give your car's voice assistant its own name, enhancing brand identity and user experience.

- ✓ Utilizes machine learning and deep neural networks for high accuracy
- ✓ Minimizes false positives, reducing user frustration
- ✓ Customizable to fit your brand
- ✓ Improves engagement and brand loyalty

Knowledge Domains

With our 100+ domains we handle basic commands to complex queries- your car's got answers.



Car Control

- Adjust climate, seats, windows, and more.
- "How do I turn on my windshield wipers?"
- Managed by SoundHound's CarControl domains.



Phone & Messaging

- Make calls or send messages hands-free.
- "Text Alex on mobile I am running late."
- Handled by our Phone domain.



Entertainment

- Control radio, music, and media playback.
- "Play the latest album by Taylor Swift"
- Powered by Radio and Music domains.



Navigation

- Get directions to any destination.
- "Navigate me to the nearest electric vehicle charging station"
- Enabled by SoundHound's Navigation domain.



Weather

- Check forecasts worldwide.
- "Will it be raining at 3pm on Friday near the Golden Gate Bridge?"
- Supported by our Weather domain.



Local Search

- Find nearby services and attractions.
- "Show me nearby restaurants open now excluding Italian."
- Managed by SoundHound's Local Search domain.



Generative AI

- Ask about anything, from famous landmarks to stock prices.
- "What year was Abraham Lincoln born?"
- Powered by LLMs.



Car Knowledge

- Understand your vehicle's status and needs with plain-language.
- "How long can I drive when the gas light comes on?"
- Handled by our Vehicle Intelligence domain.

Global Reach

Your car, now fluent in 25+ languages.

English
Portuguese
Arabic
Czech

Danish
Dutch
French
German

Italian
Norwegian
Polish
Spanish

Swedish
Russian
Hebrew

Japanese
Korean
Mandarin

Hindi
Tamil
Bengali

What Makes our Tech Work:

Learn more about the AI technologies that are making cars smarter than ever:

Key Technology

Automatic Speech Recognition (ASR)

Natural Language Understanding (NLU)

Talk to One of Our Experts.

Visit [SoundHound Automotive](#) for more information.

SoundHound AI
Automotive