Cerence Conversational AI

Deep learning for connected cars

Cerence's Conversational AI knows your users as well as it knows the world and offers a solution intuitive enough to think for users, curating its responses based on the who they are, who they're with, what's around them, and where they're heading.

Improve every aspect of your user's experience in the car

Navigation Refueling Parking Maintenance and in-car functionality Complexity and connection Collaborative conversation

Don't just give drivers options. Give them answers.

Safety. Entertainment. Information. Efficiency.
These are all part of the promise of AI in the car. At Cerence, we are driven to achieve these goals within an experience that is also personalized to users and omniscient about their changing world. We deliver a personalized experience that adapts to every context.

A truly intelligent automotive assistant makes every interaction better, leaving your customers safer, more productive, and happier behind the wheel. Our AI goes far beyond driving-related features to support an evolving array of functions: in-car office, vehicle function control, and upto-date content about the weather, sports, restaurants, etc.

AI that knows your users and the world around them

Cerence Conversational AI

IMPROVING ALL ASPECTS OF THE IN-CAR USER EXPERIENCE

Navigation

Imagine a navigation system that is completely attuned to users' priorities, their passengers' profiles, and current road conditions, such as traffic issues, weather hazards, and the like. Our intelligent platform takes the guesswork out of choosing a route, enabling drivers to get where they're going faster, safer, and more enjoyably—every time.

Refueling

When the gas tank is getting low, the last thing a driver needs is to see a catch-all list of gas stations nearby. Unlike most apps and assistants, Cerence Drive offers targeted advice based on user preferences and current circumstances. For example, it will guide a rushed truck owner without cash to the closest station that has diesel pumps, requires no detour, and accepts credit cards.

Parking

A driver's preferences for parking may vary based on many factors, including weather, price, time considerations, security, and distance away. With Cerence Drive, the car narrows down the options to find the best choice based on the driver's identity and his or her unique situation. For instance, if it's raining, the assistant will choose a covered garage. For a user who has time and likes to walk, it may choose a lot that is across a park from the destination.

Maintenance and In-car functionality

With our smart car manual, your cars participate conversationally in their own maintenance, going beyond warning lights and back-up sensors to keep drivers informed of exactly what they need and when.

Integrated with your car's sensors and conversant with its manual, Cerence Drive attunes users to the full functionality of their cars and lets them to control in-vehicle functions, such as air-conditioning and audio.

PROVIDING A NEW STANDARD FOR CONNECTED DRIVING

Complexity and connection

Equipped with broad domain coverage, access to many external content services, and interoperability with third-party assistants, our platform enables assistants to meet even the most complex, multifaceted requests. Its understanding of context encompasses multiple sources and established history. This allows it to act upon input with many data points to consider, such as: "Find a good coffee shop with Wi-Fi en route, about two hours from the hotel—and make sure I turned the living room thermostat to 50."

Collaborative conversation

Our innovation leadership in conversational AI and natural language understanding ensures that users feel understood —even when they speak in shorthand. Cerence Drive's contextual reasoning capability extends to users' speech, enabling assistants to connect the dots based on previous dialogues.

Instead of scripted commands, the assistant responds to nuanced, dynamic dialogues and casual speech. And, once a topic or destination is mentioned, it doesn't need to be repeated—and it also allows follow-up questions like, "What time do they open?" or "Will it rain there?"

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