

Cerence Browse

Extending search engine intelligence to AI-powered mobility

Search and knowledge capabilities with voice behind the wheel

Consumers demand instant information on the go. With mobile browsers at our fingertips, we're able to answer practically any question we'd like in an instant. **What's the stock price of CRNC? How tall is the Empire State Building? Who won the 2010 FIFA World Cup? How many calories are in a cup of coffee?**

People have become accustomed to asking the devices in their lives questions to get answers to a variety of topics – from weather, stocks and news to sports, entertainment and facts on just about any subject – whether at home or on-the-go. Cerence Browse is a new product extension for Cerence-powered mobility assistants that provides voice-enabled access to general knowledge directly from a car's infotainment system, creating a natural and convenient experience.

The solution expands the capability of the mobility assistant by leveraging built-in knowledge modules as well as various knowledge sources on the Internet. Users can ask questions in the car as they would a friend and receive a spoken, detailed answer – true information rather than just a list of search results – all without taking their eyes off the road or switching to another device or third-party app. Cerence Browse offers one point of interaction for all uses cases, no matter where the information comes from.



Hey Cerence, How big is the moon?

The moon's mean radius is
1,079.6 miles

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HOW IT WORKS

Cerence Browse delivers all types of general knowledge and information directly from the car's headunit. Here's how:

1. Today's Cerence-powered mobility assistants can seamlessly answer the most relevant questions a driver will have while on the road: those about Points of Interest, Weather, Stocks, Sports and more.
2. Cerence Browse extends these capabilities to allow for a much wider range of questions by connecting to several external knowledge sources and web search engines.
3. It then transforms the user's spoken requests to information queries and web searches, selects the best answer and converts this into a voice response that does not require the driver to take their eyes off the road.

BENEFITS

Safety

Offers one point of interaction for all use cases through the OEM-branded application - without the need to open an app or invoke a third-party assistant - so drivers can use their voice to ask anything they need while driving.

Flexibility

Can be enabled in vehicles after start-of-production without any modifications via over-the-air updates.

Branded experience


Ability to customize automotive general knowledge experience to showcase OEM branding, with high accuracy.

Extendibility

Seamless extension of existing automotive information domains, such as Weather, Sports, Stocks, etc.

Seamless fine-tuning

Updated regularly to improve the user experience without any change required on the head unit.



Hey Cerence, How tall is the Empire State Building?

The Empire State Building is 443 meters to the tip