

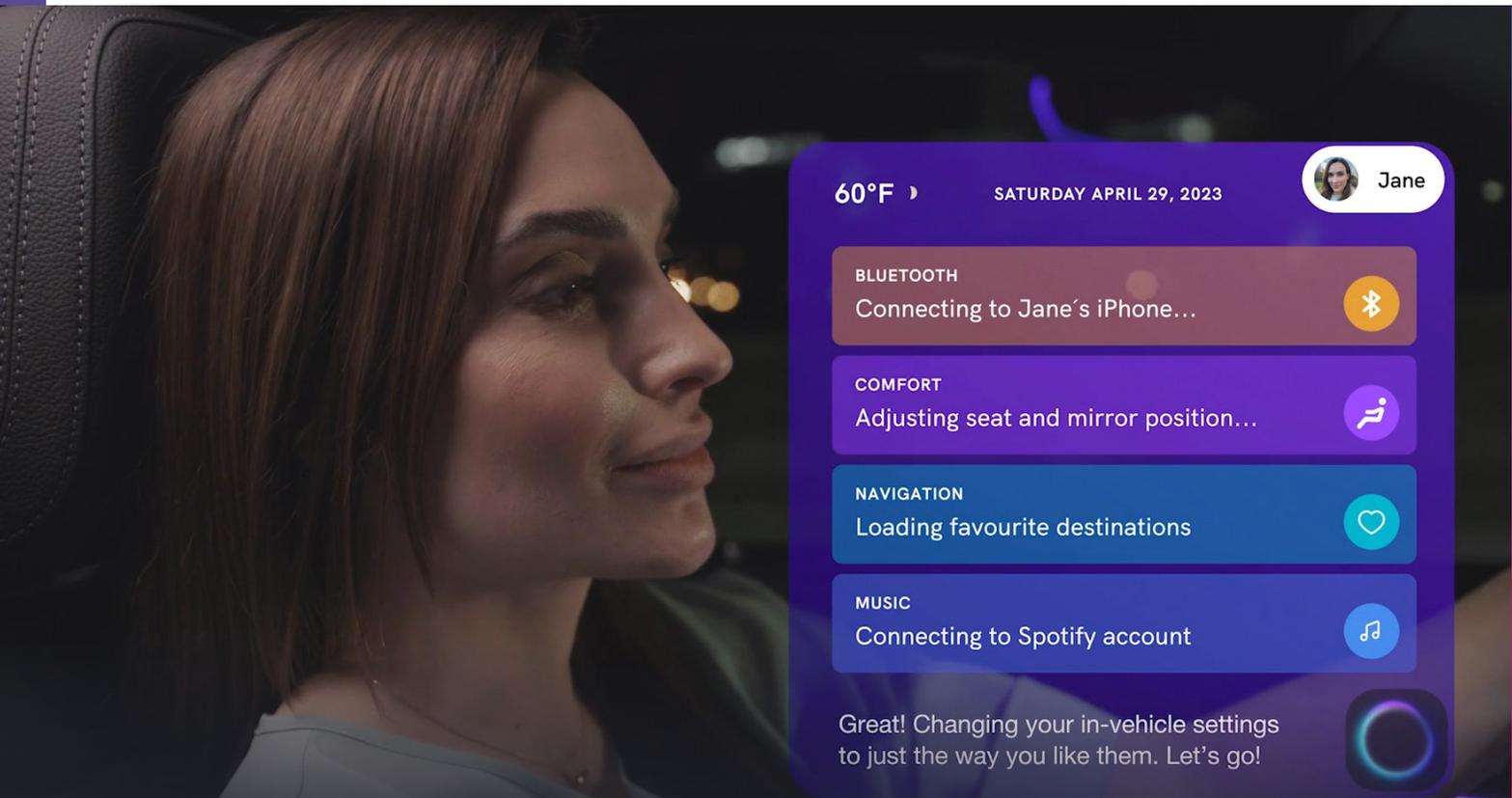
Cerence Biometrics

Empower more secure, personalized experiences

As AI assistants become ubiquitous across the mobility ecosystem, it is increasingly critical to equip systems with technology that allows for frictionless, personalized interactions without compromising security. Cerence's next-generation biometrics, optimized for automotive and mobility use cases, can authenticate users across multiple modalities, enabling advanced engagements with in-car assistants that are safe, convenient and customized to individuals' needs.

How it Works

The Cerence AI-Powered Biometrics Engine in Cerence Assistant is a low-footprint solution architected to be embedded within the car's head unit. It works by first having users create their own profiles for the biometric modality of their choice, which requires only a few interactions. In the case of voice-powered interactions, the system passively learns an individual's voiceprint from just a short amount of speech in their preferred language and can thereafter identify that user by the unique characteristics of their voice. Once identified by the system, users benefit from a more personalized and secure experience within their vehicle.



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Use cases/Capabilities

- Easy sign-in: Eliminate the need for drivers and passengers to set up personal profiles with prescriptive phrases. The moment a user first interacts with the assistant, they are authenticated, and their experience is personalized.
- Exterior Vehicle Interaction (EVI): Bring layered protection to security-related functions outside the vehicle, such as unlocking the car or opening the trunk, by authenticating a user via biometrics.
- Secure in-car commerce: Integrate Cerence biometrics technology to offer uninterrupted transactions where payment authentication is simple and easy for users.
- Advanced parental controls: Leverage age-detection technology to determine when a child is engaging the assistant and limit which functions can be activated and what content can be accessed.

The Cerence Difference

- Global language support: Supporting a multitude of languages, Cerence Assistant can automatically adopt the dialogue and infotainment system to match the user's spoken language.
- Industry-leading accuracy: Cutting-edge AI combined with deep domain expertise, Cerence delivers technology you can trust.
- OEM-controlled relationships: Unlike other technology offerings, data and customer information are retained and owned by the OEM throughout deployments.

**Powering frictionless,
multimodal experiences
on the road and beyond**

