



Faraday Future Launches FF AI 2.0 Software Update for the FF 91 and Future FX Models: Represents the Biggest AI Leap Yet, Built with OpenAI

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LOS ANGELES--(BUSINESS WIRE)--Jun. 23, 2025-- Faraday Future Intelligent Electric Inc. (NASDAQ: FFAI) ("Faraday Future", "FF" or the "Company"), a California-based global shared intelligent electric mobility ecosystem company, today announced the debut of FF AI 2.0, which will be incorporated in the FF 91 2.0 via software updates soon. This update represents the most significant upgrade to our intelligent in-car OS since the FF 91 launched in 2023. This milestone release delivers a major architectural overhaul that reengineers FF AI from the inside out and brings to life a new class of intelligent experiences that were never possible under traditional rule-based AI systems. This software could eventually be incorporated into FX models when launched as it is a shareable platform.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20250623110838/en/>



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This release of the FF AI 2.0 system, which can now switch between over 50 languages in real-time, remembers conversational context and understands complex commands. For example, when a user states, "It's a bit warm, but I don't want the AC on," it will intelligently recommend to adjust alternative vehicle controls for optimal comfort, such as open the windows or close the roof shade.

A video of the new system in operation can be found here: <https://youtu.be/ePS9UUUDqHk>

FF AI 2.0 is deeply integrated with OpenAI. The system is scheduled to be available on the FF 91 via an upcoming OTA update, with a planned rollout for the FX line in the future. FF could be the first automotive company in North America to offer this level of AI functionality. For a diverse, multilingual market like the U.S., FF AI 2.0 could provide value FF believes is exceptional to users.

Intelligence That Goes Beyond Voice

At the core of FF AI 2.0 is the deep integration of large language models (LLMs) into Faraday Future's software and hardware stack. FF AI 2.0 is built to work with the models users already love and use — starting with OpenAI — and designed to stay compatible as new AI models emerge. This enables not only true natural voice interactions but also extends LLM intelligence across core in-car systems, including vehicle control, navigation, media, and many more. The result: users can express what they want, how they want, when they want, and in over 50 languages — with unprecedented freedom.

Multi-Agent Architecture: Intelligence Amplified

Behind this breakthrough is a multi-agent AI architecture that orchestrates the best of four AI capabilities:

- **OpenAI-powered LLMs** for rich, conversational understanding and natural-sounding voice.
- **Real-time AI web search agents** for timely, accurate knowledge.
- **RAG (Retrieval-Augmented Generation)** agents that draw from the FF user manual for context-specific support.
- **Proprietary arbitration model** that makes all of the agents work seamlessly.

Rather than relying on a single model, FF AI 2.0 intelligently chooses the right agent for the task — in real time. Whether it's controlling the cabin, searching for weekend events, or understanding what's happening with the vehicle, the system seamlessly determines the best path forward.

"This integration marks a step change: FF AI 2.0 isn't just more capable — It introduces a new way of interacting with machines in the age of ambient intelligence," said Shuai Yang, Sr. Manager, Product Management at FF.

FF AI 2.0 Feature Highlights

- **50+ Language Support & In-Session Multilingual Switching**
Switch languages during a session, instantly:
(e.g. Start in English, switch to Chinese, Arabic, Hindi, etc.)
- **True Natural Language Understanding**
Understands your intent, not just keywords:
(e.g. "It's so hot but I don't want to use AC")

- **Change Commands on the Fly**
Handles corrections and mid-sentence changes:
(e.g. “Change temp to 72... actually, 69... no, 68”)
- **Compound (Cross-Domain) Commands**
Handles multiple actions in one go:
(e.g. “Open windows, set temp, play music, navigate...”)
- **Multi-turn contextual memory**
Remembers previous context, follows multi-step conversations:
(e.g. “Navigate to Palm Springs” → “What’s the weather there?” → “Suggest a spot for sunset” → “Add it to the trip”)
- **Natural, Upgraded AI Voice**
Sounds human, not robotic.
- **Super Low Latency**
Instant responses (thanks to speech-to-speech model).
- **Semantic VAD (Intelligent Listening)**
Knows when you’re done—even with “uhm...” and filler words.
- **Real-Time AI Web Search**
Answers with up-to-date online info:
(e.g. “What’s happening this weekend in Joshua Tree?”)
- **On-Demand User Manual Support with RAG**
Step-by-step help for vehicle features:
(e.g. “How do I adjust the head-up display brightness?”).
- **Wake Word Support**
Just say “Hey Faraday” to start.

“We are excited to release our FF AI 2.0 upgrade. With this release, FF brings to life the kind of human-machine interface customers have long imagined,” said YT Jia, FF founder and Global Co-CEO of Faraday Future. “And this is just the beginning; FF AI 2.0 is not just smarter, it’s more human, more capable, and more connected than ever before.”

ABOUT FARADAY FUTURE

Faraday Future is a California-based global shared intelligent electric mobility ecosystem company. Founded in 2014, the Company’s mission is to disrupt the automotive industry by creating a user-centric, technology-first, and smart driving experience. Faraday Future’s flagship model, the FF 91, exemplifies its vision for luxury, innovation, and performance. The FX strategy aims to introduce mass production models equipped with state-of-the-art luxury technology similar to the FF 91, targeting a broader market with middle-to-low price range offerings. FF is committed to redefining mobility through AI innovation. Join us in shaping the future of intelligent transportation. For more information, please visit <https://www.ff.com/us/>.

FORWARD LOOKING STATEMENTS

This press release includes “forward looking statements” within the meaning of the safe harbor provisions of the United States Private Securities Litigation Reform Act of 1995. When used in this press release, the words “plans,” “desire,” “believes,” “seeks,” “may,” “will,” “should,” and “future,” variations of these words or similar expressions (or the negative versions of such words or expressions) are intended to identify forward-looking statements. These forward-looking statements, which include statements regarding the timing for the FF AI 2.0 software update, the FX brand, future FX models, and the expansion of the FF AI 2.0 software to future FX models, are not guarantees of future performance, conditions or results, and involve a number of known and unknown risks, uncertainties, assumptions and other important factors, many of which are outside the Company’s control, that could cause actual results or outcomes to differ materially from those discussed in the forward-looking statements.

Important factors, among others, that may affect actual results or outcomes include, among others: the Company’s ability to secure the necessary funding to execute on its AI, EREV and Faraday X (FX) strategies, each of which will be substantial; the Company’s ability to design and develop AI-based solutions; competition in the AI area, where actual or potential competitors have or are likely to have substantial advantages relative to the Company, including but not limited to experience, expertise, funding, infrastructure and personnel; the ability of the Company to execute across multiple concurrent strategies, including the UAE, bridge strategy, or FX, EREV, AI, and US geographic expansion; the Company’s ability to secure necessary agreements to license third-party range extender technology and/or license or produce FX vehicles in the U.S., the Middle East, or elsewhere, none of which have been secured; and the Company’s ability to secure necessary permits at its Hanford, CA production facility; the potential impact of tariff policy; the Company’s ability to continue as a going concern and improve its liquidity and financial position; the Company’s ability to pay its outstanding obligations; the Company’s history of losses and expectation of continued losses; the Company’s ability to execute on its plans to develop and market its vehicles and the timing of these development programs; the Company’s estimates of the size of the markets for its vehicles and cost to bring those vehicles to market; the rate and degree of market acceptance of the Company’s vehicles; the Company’s ability to cover future warranty claims; the success of other competing manufacturers; the performance and security of the Company’s vehicles; current and potential litigation involving the Company; the Company’s ability to receive funds from, satisfy the conditions precedent of and close on the various financings described elsewhere by the Company; the result of future financing efforts, the failure of any of which could result in the Company seeking protection under the Bankruptcy Code; the Company’s indebtedness; the Company’s ability to cover future warranty claims; the Company’s ability to

use its “at-the-market” program; insurance coverage; general economic and market conditions impacting demand for the Company’s products; the Company’s dependence on its suppliers and contract manufacturer; the Company’s ability to develop and protect its technologies; the Company’s ability to protect against cybersecurity risks; and the ability of the Company to attract and retain employees, any adverse developments in existing legal proceedings or the initiation of new legal proceedings, and volatility of the Company’s stock price. You should carefully consider the foregoing factors and the other risks and uncertainties described in the “Risk Factors” section of the Company’s Form 10-K filed with the SEC on March 31, 2025, and other documents filed by the Company from time to time with the SEC.

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