P R E S S R E L E A S E

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MFTBC signs MoU with REE Automotive to evaluate technologies for smarter and safer commercial vehicles

- **Joint initiative to pioneer and validate X-By-Wire (XBW) and Software Defined Vehicle (SDV) capabilities for modular vehicle platforms**
- **Aiming to enhance safety, modularity, design flexibility and controllability at a lower cost for next-generation commercial vehicles**

Mitsubishi Fuso Truck and Bus Corporation (Headquarters: Kawasaki City, Kanagawa Prefecture, President and CEO: Karl Deppen, hereafter "MFTBC") has signed a memorandum of understanding (MoU) with REE Automotive Ltd. (Headquarters: Kibbutz Glil-Yam, Israel, CEO: Daniel Barel, hereafter: REE) to jointly develop and verify X-By-Wire and Software Defined Vehicle technologies for MFTBC's commercial vehicles.

MFTBC's eCanter (left) and REE's P7-C chassis

XBW technology replaces traditional mechanical linkages with electronic control, enabling steering, braking, acceleration and other critical functions to be managed via sensors and electrical signals. This is expected to not only enhance vehicle safety and operability, but also contribute to reduced vehicle weight, improved fuel efficiency, and the deployment of advanced driver assistance (ADAS) and autonomous driving systems.

SDVs refer to next-generation vehicle architectures where key functions and performance are primarily controlled and updated through software. Independent of hardware constraints and through over-the-air (OTA) software updates, SDVs could offer greater flexibility and scalability, extend vehicle lifespans, and reduce total cost of ownership, bringing long-term value to customers.

MFTBC and REE Automotive have launched a joint initiative to explore and validate the integration of XBW and SDV technologies. This collaboration aims to unlock new possibilities for next-generation commercial vehicles delivering optimized modular architectures, greater design flexibility, excellent controllability and advanced safety features, all while reducing costs for end customers.

As part of this collaboration, MFTBC and REE Automotive plan to jointly build a Proof of Concept (PoC) vehicle within one year, merging the technologies of REE's P7-C EV chassis to MFTBC's current eCanter model. In parallel, MFTBC will continue evaluating REE's technologies as a potential partner for further future technology collaborations.

MFTBC is a pioneer in the development of advanced technologies for commercial vehicles, such as the eCanter as the Japan-first mass-produced electric light-duty truck in 2017. The company was also the first Japanese commercial vehicle manufacturer to introduce SAE level 2-equivalent driving assistance functions with their heavy-duty Super Great truck in 2019. With such knowledge and experience, MFTBC aims to accelerate technologies for the future through this partnership.

REE brings to the table its expertise in electric control units (ECUs), over-the-air (OTA) software updates, and SDV platforms. Its REEcorner technology, featuring zonal architecture that modularizes key vehicle functions like steering, braking, suspension, and drive systems within each wheelhouse, enables unprecedented freedom in vehicle design. Additionally, REEai Cloud offers remote data optimization, predictive maintenance, and comprehensive fleet management capabilities.

Hironobu Ando, Head of Product Engineering at MFTBC, commented: "We believe that by combining Mitsubishi Fuso's autonomous driving and ZEV technologies with REE's XBW and SDV technologies, we can realize superior logistics solutions. We are very pleased to work together with REE to address social issues such as global warming, traffic accidents, and driver shortages."

Daniel Barel, Co-founder and CEO of REE, stated, "We are excited and honored to work together with the very talented team at MFTBC as we share our commitment to smarter and safer next-generation commercial vehicles. Software-defined vehicles unlock the potential to accelerate the development time of next-gen commercial vehicles designed to solve customers' challenges and continue improving over time with over-the-air updates. I believe that together we can set the bar for SDV commercial vehicles that support autonomous solutions."

REE's P7-C chassis (left) and MFTBC's eCanter

MFTBC at a Glance
Mitsubishi Fuso Truck and Bus Corporation (MFTBC) is a commercial vehicle manufacturer based in Kawasaki City, Japan. 89.29% of its shares are owned by Daimler Truck AG and 10.71% by various Mitsubishi group companies. MFTBC provides trucks, buses and industrial engines under the FUSO brand with a longstanding history of over 90 years, serving approximately 170 markets worldwide. MFTBC proactively develops cutting-edge technologies such as electrification, with its eCanter being Japan's first mass-produced electric light-duty truck. MFTBC's heavy-duty Super Great Truck was also the first of its kind in Japan to include SAE Level 2-equivalent automated driving support technology, now a benchmark in the Japanese commercial vehicle market.

About the eCanter
The eCanter is the Japanese market's first series-produced, all-electric truck (battery EV truck) introduced by MFTBC in 2017 With zero greenhouse gas emissions, it contributes to CO_2 reduction, a major global issue. The eCanter is suited to inner-city routes as well as operations during late night and early morning hours, due to lower noise and vibration levels unique to EV trucks. The fully remodeled new eCanter launched in March 2023 caters to more diverse business needs with expanded chassis selections, body applications and cruising ranges. In addition to existing markets including Japan, 31 countries and regions in Europe and Oceania, MFTBC is expanding available overseas markets of eCanter including Asian markets such as Indonesia and Taiwan, Middle East and South America.

About REE Automotive
REE Automotive (Nasdaq: REE) is an automotive technology company that develops and produces Software-Defined Vehicle (SDV) technology designed to manage vehicle operations and features through proprietary software.
REE's advanced Zonal SDV Architecture integrates seamlessly with legacy systems to improve vehicle safety, performance, and reliability. By centralizing key vehicle functions, the architecture enhances modularity, redundancy, and stability, enabling safer and more efficient vehicle platforms.
Powered by secured AI and deep over-the-air (OTA) upgradability, REE's technology allows for continuous updates and improvements throughout a vehicle's lifespan. This makes Powered by REE® vehicles adaptable to customer and market changes and designed with future autonomy and connectivity in mind.
REE was the first company to FMVSS certify a full by-wire vehicle in the U.S. Its proprietary by-wire technology for drive, steer, and brake control removes the need for mechanical linkages, supporting flexible design and optimized performance.
Through its approach of "complete not compete," REE enables original equipment manufacturers (OEMs) and technology companies to license its SDV technology, allowing them to design and build vehicles tailored to their specific requirements using REE's scalable, future-ready platform.
www.ree.auto