

TOKAI RIKAI to Exhibit at JAPAN MOBILITY SHOW 2025

Tokai Rika Co., Ltd. (Head office: Oguchi-cho, Niwa-gun, Aichi Prefecture, President and CEO: Hiromi Ninoyu) will be exhibiting at "JAPAN MOBILITY SHOW 2025," which will be held at Tokyo Big Sight from October 29th (Wednesday) to November 9th (Sunday).

This year at the Tokai Rika booth, we will present the concept of "Tunnel to a Prosperous Society, Connected through Technology". The exhibit offers an exciting experience of future lifestyles that can be enjoyed by both adults and children. We will draw on our longstanding expertise in radio wave, material applications, and emotion estimation technologies to introduce three interactive experience zones that connect to a prosperous future society. We will also be selling products from our upcycling brand, *Think Scrap*, at our booth.



◇ Main exhibits

(1) 「UWB (Ultra Wide Band)」 ZONE

We will introduce how UWB technology can be used in drones to enable high-precision measurement of position and distance even indoors or in areas where GPS signals are hard to reach, and how drones can be used to deliver packages to locations that were previously difficult to access, which will contribute to a more convenient and safer future.

(2) 「Carbon Nanotube」 ZONE

We showcase future-oriented applications that contribute to a prosperous society, including thermoelectric power generation, which is made possible by applying our proprietary chemical treatment to carbon nanotube yarns that are several times stronger than metal, yet lightweight and highly conductive, and temperature sensing technology that leverages the material's exceptional strength and flexibility.

(3) 「Mindfulness」 ZONE

Through sensing technology and state estimation algorithms, we visualize the mental state of visitors, such as feeling stressed and fatigued, based on heart rate data. We then propose personalized breathing techniques, in conjunction with appropriate lighting and vibration, based on that state. Through a mindfulness experience that helps people recognize and regulate their mental state, we offer overwhelmed modern-day individuals never-before-seen value.