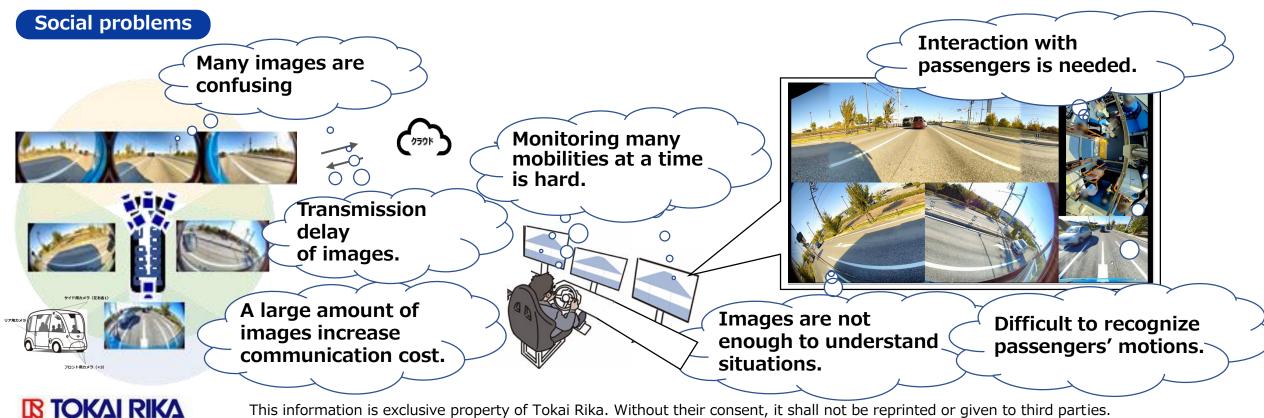
#### Background

In accordance with the Public-private ITS Initiative / Roadmaps 2020 and 2021, driverless autonomous mobility service is in the phase of demonstration experiment and social implementation to put the service into practical use in 40 places in 2025 and nationwide around 2030.

A Level 4 remote autonomous driving service with a remote supervisor has been approved by the road traffic reform law and will be enforced by April 2023.



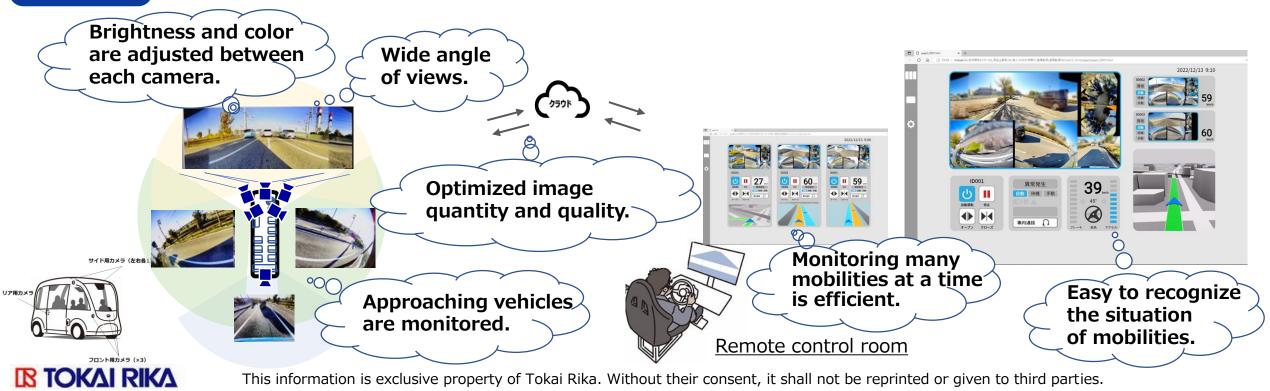
#### Overview

Remote autonomous driving systems, which can compensate for dwindling mobility services due to driver shortage, require supervisors in control rooms to monitor surroundings for safety without delay.

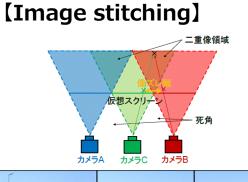
Our system's eye-friendly wide view can reduce their mental workloads.

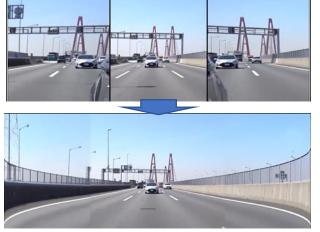
An optimized amount of high-quality images are immediately sent to a control room from a mobility for safe and secure monitoring.

#### Overview



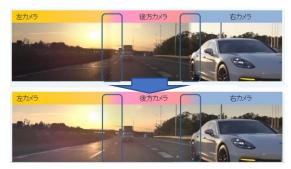
### Technology introduction



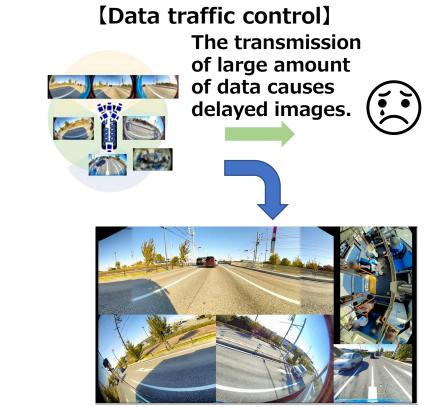


Overlapping fields of view are removed.

### [Brightness control]



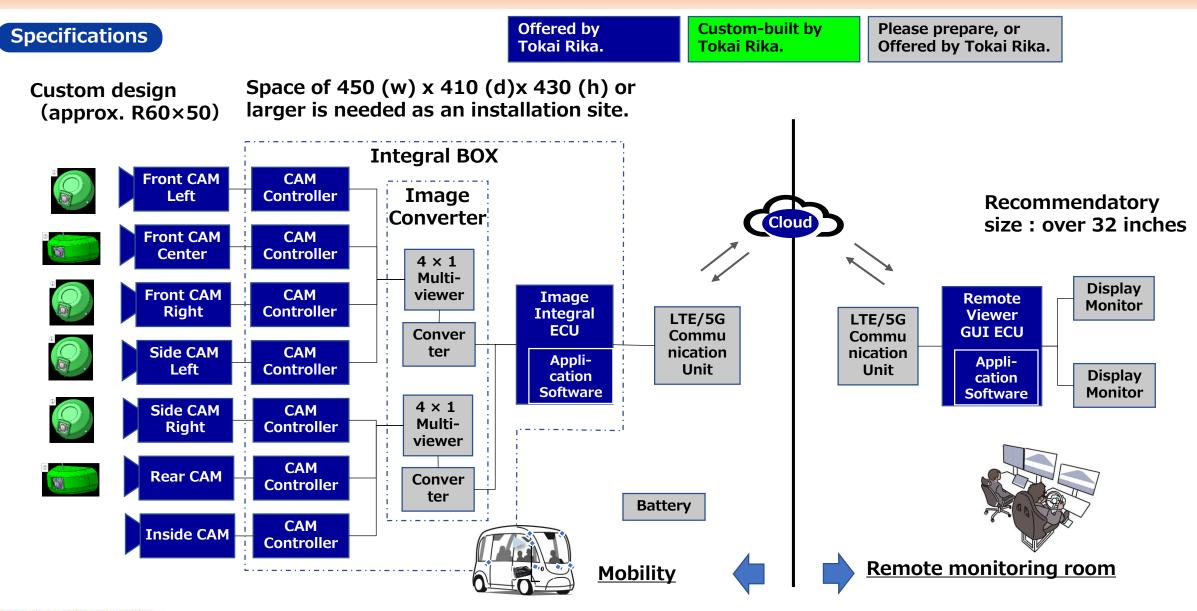




Images are processed to minimize the quantity of images to be displayed.

Difference in brightness of images between cameras are automatically adjusted to produce well-balanced images.

### **IB TOKAI RIKA**



**IB TOKAI RIKA** 

#### Use cases

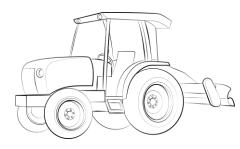
Tokai Rika joined the Aichi prefectural autonomous driving project and offered images around and inside vehicles to be displayed in a remote control room



### **IB TOKAI RIKA**

### Proposal for usage

Our system can be applied to various remote monitoring.



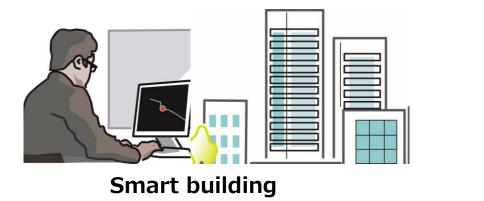
Smart agriculture

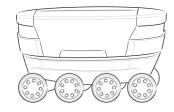


**Drone business** 



**Marine business** 





**Advanced Robot** 

