R&D phase | Development **Expected Commercialization** | FY27-

Mehr Licht!
More Photonics for Intelligence

#C02

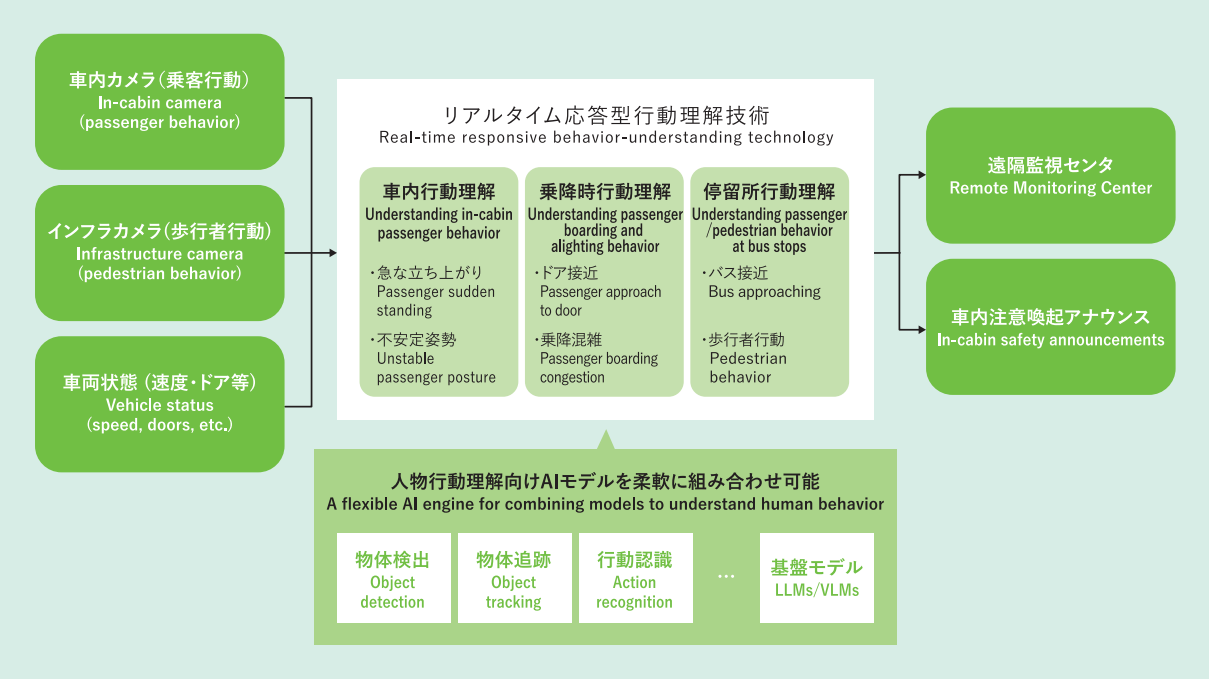
#Digital & AI Transformation#Regional Revitalization

Unsafe Behavior Understanding in Buses

Detect unsafe bus passenger behavior to support onboard safety

Technical Challenges & Goals

Current technologies have difficulty processing multiple video streams in parallel and in real-time, and immediately determining whether a behavior poses an accident risk.



Key Technologies

Core Technologies

- Real-time behavior-understanding technology to instantly identify human states and actions
- GPU inference architecture for parallel, real-time processing of multiple video streams

Key Differentiators

- Immediate identification of risky behaviors using combined AI models for behavior understanding
- Processes multiple video streams in parallel, enabling multi-vehicle remote monitoring

Use Cases

Mobility & Transportation

In autonomous buses and public transit, detects unsafe behavior that may cause accidents such as falls or door entrapment using real-time video and vehicle data, and alerts remote staff. Supports multi-vehicle safety monitoring for safe driverless operation.

Exhibitors

NTT, Inc. Technology Innovation Center

CONTACT：Digital Intelligence Project