The integration of our cellular technology into logistics operations offers transformative benefits, from intelligent asset management, to enhanced sustainability. By providing real-time insights, reducing operational overhead, and aligning with ESG goals, our continual improvement based real-time information solution positions and organizations to thrive.

Greystone and our technology partner's mission is to transform ordinary assets into intelligent communicators. Knowing the location of the pallet asset, environment, and how they are handeled, provides important operational data and cuts pallet losses caused by mysterious disappearance or misuse. Our solution combines hardware and software for a multi-year reduction in total cost of usage. Included in the monthly fee would be the cost of the pallet, lightweight cellular-connected devices with AI censors, installation, training, monitoring, operating, maintaining, replacing and recycling damaged pallets.

This transformation allows for continuous monitoring and shared real-time data collection, offering crucial insights into asset performance and logistics operations. Our innovative design ensures that assets are still operational for up to 7 years. The service features the following unique system architecture that overcomes cellular and Global Navigation Satellite System (GNSS) performance limitations through embedded AI:

- **LLM and Vision Integration:** Users can access analytics through a no-code, natural language processing (NLP) interface, making it accessible for non-technical users.

- **Multi-Technology Tracking:** Real-time cellular LTE coverage tracking with geolocation capabilities utilize various technologies, including GNSS, Wi-Fi, and BLE.

- **Impact Detection:** The system monitors for shocks and vibrations, ensuring proper handling.

- **Cold Chain Verification:** Continuous verification of temperature-sensitive goods ensures compliance with cold-chain standards.

- **Remote Configurable Settings:** Updates can be made over the air (OTA) via cellualr connectivity, ensuring that devices remain up to date without manual intervention.

- **Waterproof Devices:** Our sensors are designed to withstand various environmental conditions, ensuring reliability across different logistics scenarios.

- Promoting ESG through wood pallet waste reduction and efficient supply chain management, while enhancing transparency and accountability in logistics operations with recycled plastic pallets.

GREYSTONE