



System Loco.

Pharmaceuticals

Enhancing Pharmaceutical Logistics with Innovative Solutions

Empowering Your Pharmaceutical Supply Chain

In the dynamic pharmaceutical industry, precision and reliability are of utmost importance. Whether it's safeguarding temperature-sensitive medications or ensuring timely clinical trial deliveries, the integrity of your pharmaceutical shipments is non-negotiable. At System Loco, we specialize in providing tailored solutions to meet the unique challenges faced by the pharmaceutical sector.

Supports the Full Range of Temperature-Sensitive Shipments

Our solutions are designed to cater to a wide spectrum of pharmaceutical logistics needs, including:

Cold Chain – Ensuring the integrity of temperature-sensitive pharmaceuticals, vaccines, and biologics during transit.

Clinical Trials – Timely and secure delivery of clinical trial materials, supporting medical advancements.

Specialty Pharma – Protecting high-value specialty pharmaceuticals, including rare disease treatments.

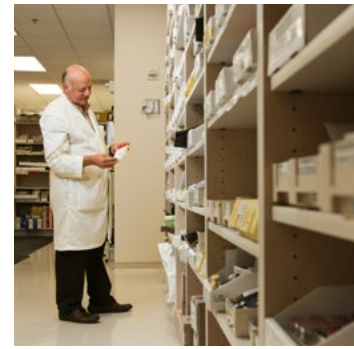
Cell & Gene Therapy – Preserving the integrity of life-altering therapies that offer hope and save lives.

Biologics – Maintaining the stringent temperature requirements of biologic drugs, vaccines, and biosimilars.

Medical Devices – Securing medical devices and equipment, including diagnostic tools and surgical instruments.

Temperature-Controlled Packaging Providers – Empowering packaging specialists with real-time monitoring capabilities.

3PL specializing in pharma & biologics – Supporting third-party logistics providers specializing in pharmaceuticals and biologics.



Key Features and Use Cases

Our solutions offer unparalleled insights and control over your pharmaceutical shipments, both in transit and during storage. Key features and use cases include:

End-to-End Security – Our devices are fortified with end-to-end security measures, ensuring the safety of your sensitive pharmaceutical shipments.

Predictive Arrival Systems – Gain the ability to anticipate shipment arrivals accurately, streamlining operations and enhancing readiness.

Condition Monitoring – Continuous monitoring guarantees that temperature-sensitive pharmaceuticals remain within the required temperature range during transit and storage.

Enhanced Data Insights – Leverage the power of IoT tracking to access real-time insights into your pharmaceutical supply chain, enabling data-driven decisions.



Key Devices in the Solution

HGD4: The Market Leader in High-Value Goods Monitoring

Streamlined Disposal – The HGD4 offers an innovative approach to device disposal, simplifying logistics.

Recycling Incentive – Participate in our incentivized recycling scheme and contribute to a greener future.

Extended Tracking – Enjoy peace of mind with up to 60 days of in-transit tracking, ensuring your cargo's safety..

Comprehensive Damage Detection – Detect potential damage and protect your valuable goods.

Multi-Modal Communication – Our device remains connected, utilizing WiFi, LTE-CatM, and GSM communications, whether your cargo travels by air, sea, or land.

Temperature Accuracy – Trust in precise temperature monitoring with a NIST traceable temperature sensor.

LocoTag Compatibility – Detect LocoTags effortlessly, expanding your tracking capabilities.

Waterproof Design – Our device is built to withstand various environmental conditions, including wet environments.



HGR4:



Easy Installation – Pre-configured for immediate use, the HGR4 simplifies your setup process.

Extended Battery Life – With up to 40 days of battery life at 15-minute reporting intervals, you gain prolonged monitoring capabilities.

Versatile Usage – The HGR4 seamlessly functions both indoors and outdoors, adapting to your diverse needs.

Qi Wireless Charging – Enjoy the convenience of Qi wireless charging, ensuring continuous operation.

Remote Configuration – Configure the device remotely, enhancing operational flexibility.

Environmental Sensing – Monitor temperature, ensuring optimal conditions for your goods.

Package Open/Close Detection – Know when your packages have been tampered with or opened.

Secure Communications – LTE Cat-M1, GSM, and WiFi communication ensure secure and authenticated data transfer.

Secure BLE Gateway – Communicate with LocoTags securely, enhancing tracking accuracy.

Global Certification – Certified for use in over 50 countries and 40 airlines, ensuring compatibility worldwide.



E4BL

Logging Totes and Crates – The E4BL is capable of logging totes or crates both in the warehouse and in-transit.

Delivery Assurance Certificates – Generate delivery assurance certificates for journeys, ensuring transparency and accountability.



C2PL

Extended Battery Life – Enjoy up to 12 months of battery life, reducing the need for frequent replacements.

Temperature & Humidity Logging – Monitor temperature and humidity every 15 minutes to ensure the ideal storage conditions for pharmaceuticals.

Thermocouple Compatibility – Logs thermocouple (type T) temperatures from -270°C to 400°C, covering a wide range of pharmaceutical storage requirements.

Orientation Reporting – Stay informed about the orientation of your shipments, providing insights into handling practices.

Frequent Reporting – Reports device status every 2.4 seconds, providing real-time updates on your cargo.

Extended Range – Enjoy an impressive range of up to 80 meters (262 feet) for comprehensive coverage.

Thermocouple Connector – The T-Type thermocouple connector ensures accurate temperature monitoring.



Seamless Integration

The System Loco Cloud is integration-ready, with the capability to seamlessly integrate with a range of platforms, including:

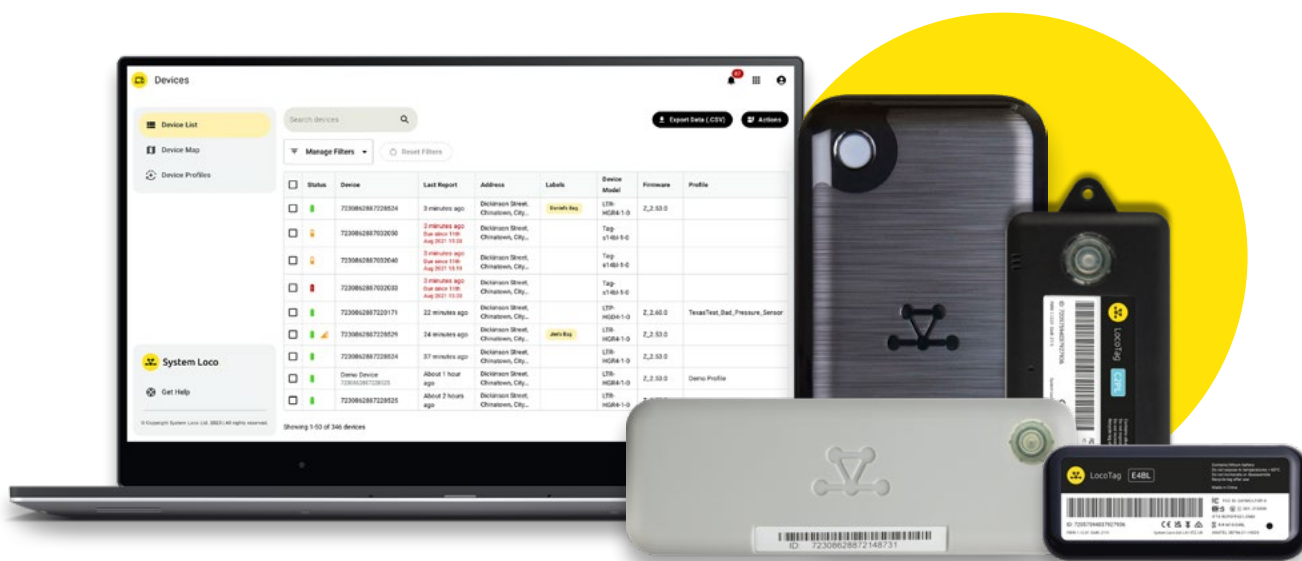


Your Pharmaceutical Logistics Partner

When it comes to safeguarding your pharmaceutical cargo, trust System Loco's state-of-the-art solutions. Our commitment to excellence, advanced technology, and industry partnerships ensures that your pharmaceutical shipments reach their destination in optimal condition.

We have a solution out of the box, ready to go

Speak to your sales representative now about our solution bundles, including our recommended gateways, sensors, software applications and airtime.



Pioneering Tomorrow's Solutions Today

System Loco's roots are in research and development. Our innovative spirit drives us to continually explore new horizons in pharmaceutical asset management. Our team of Ph.D. holders boasts expertise in software engineering, electronic and electrical systems, quality engineering, system design, satellite communication systems, and network security/encryption.

We are trusted partners in developing custom solutions with major pharmaceutical companies in the US and EU.

Join us in redefining pharmaceutical logistics. Contact System Loco today to explore how our research-driven solutions can elevate your operations.

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