System Loco E4BL Loco Tag

System Loco E4BL Loco Tag User Guide

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System Loco.

System Loco E4BL Loco Tag

Specifications

- Product Name: LocoTag E4BL
- Document Version: 1.0.4
- Release Date: 06/28/2023
- Features:
  - Non-rechargeable single-use asset tracking device
  - Environmental sensor for tracking temperature and humidity
  - Unique identifier presented as a number and barcode

Product Usage Instructions:

Installation:
The LocoTag E4BL is designed for easy installation:

1. Remove the activation tab to switch on the device.
2. Peel off the backing to reveal the sticky pad.
3. Fix the tag firmly in place on the asset to be tracked.
4. **Caution:** Once attached, the device may be difficult to remove and reattach.

Asset Association:
Each LocoTag E4BL has a unique identifier in the form of a number and barcode:

1. Scan the barcode and enter the asset name on the LocoAware platform to associate the device.
2. Use the LocoAware platform to search for assets by name or device ID.
3. Contact your sales representative for additional asset management tools through the System Loco Track Application.

Getting Started – in the Field:

1. Activate the device by snapping off the tab.
2. Associate the device with an asset and affix it to the asset.
3. The device will automatically start logging data once activated.

Frequently Asked Questions (FAQ):

- **Q: Can the LocoTag E4BL be reused after removal?**
  A: No, the LocoTag E4BL is a single-use device and cannot be reused once removed from an asset.
- **Q: How long does the environmental sensor log data?**
  A: The environmental sensor logs temperature and humidity data for up to 30 days at 15-minute intervals.
- **Q: Is it possible to switch off the device after activation?**
  A: No, once the activation tab is snapped off, the device runs continuously and cannot be switched off.

Introduction.

How the System Works

- The non-rechargeable single use LocoTag E4BL is extremely flexible, forming part of many turnkey solutions in asset tracking and supply chain management, across multiple industries.
  As part of a high value supply chain solution, individual goods can be tracked both during transit and as they leave and enter warehouses. Business logic and alerting can manage an individually tracked item that no longer reports its presence on a journey.
- As part of a full refrigerated cold chain solution, tags can report as they leave and enter warehouses. During the journey, temperature and humidity can be logged for up to 30 days at 15-minute intervals; and the full log uploaded seamlessly and automatically at the end of the journey.
- Using the flexibility of the E4BL and LocoTrack devices, along with the LocoAware platform, the use cases are limitless.

Installation and Asset Association

The E4BL is designed to be extremely easy to use with speed of installation in mind. The tags are pre-configured and are only configurable at build time to ensure their simplicity and their behaviour is predictable and assured.

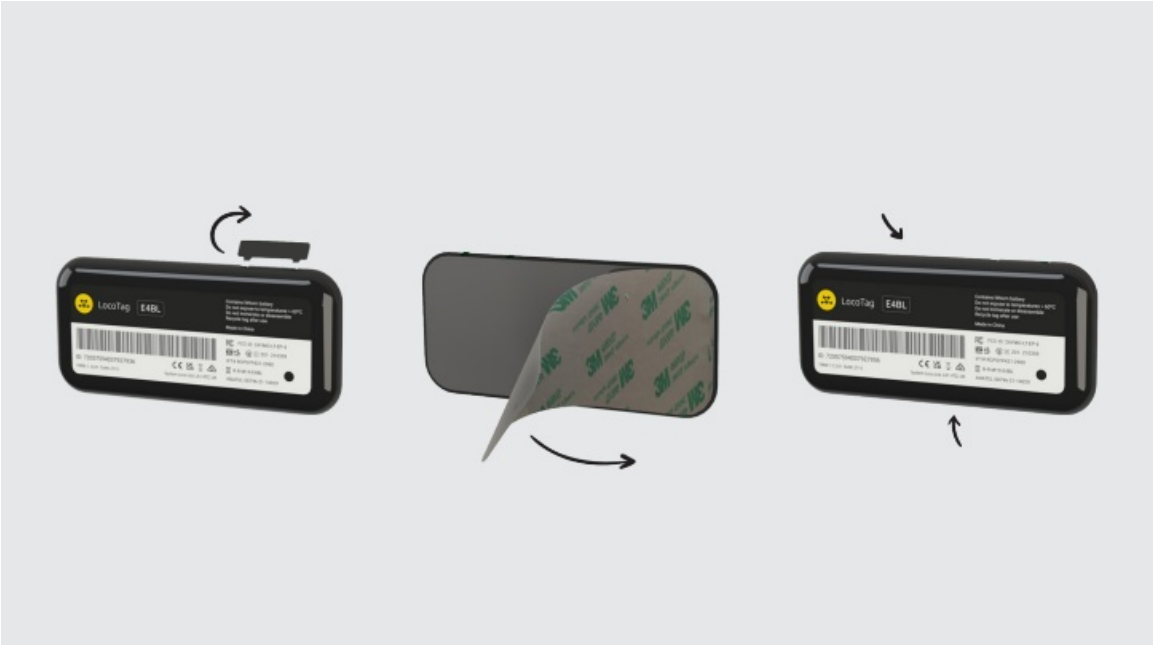


Fig 1. Simply snap off the tab, peel the backing off to reveal the sticky pad and fix in place.

To use the device, snap off the tab to switch it on, peel back the label on the on back and fix it firmly in place on the asset you wish to track.

Caution: Once the device is attached, it may be difficult to remove and reattach
Caution: Once the tab is snapped off; the device cannot be switched off again and will run continuously.

Each LocoTag E4BL has a unique identifier that is presented as a number and a barcode on its label.

Fig 2. An image of the LocoTag E4BL with the device ID and barcode highlighted.

- Association is completed by scanning this barcode and entering a name for the asset on the LocoAware platform. Once associated, the LocoAware platform allows a user to search for a specific asset by asset name or by device ID.
- If you have an API integration with the LocoAware platform, you may have an alternative method of associating the LocoTag E4BL with the desired asset (such as a mobile app or existing device/scanning unit). Consult your administrator for more information.
- If you require a comprehensive asset tooling, including reporting, maintenance scheduling and more, contact your sales representative about the System Loco Track Application which extends the LocoAware platform functionality.

Device Characteristics

Getting Started – in the Field.

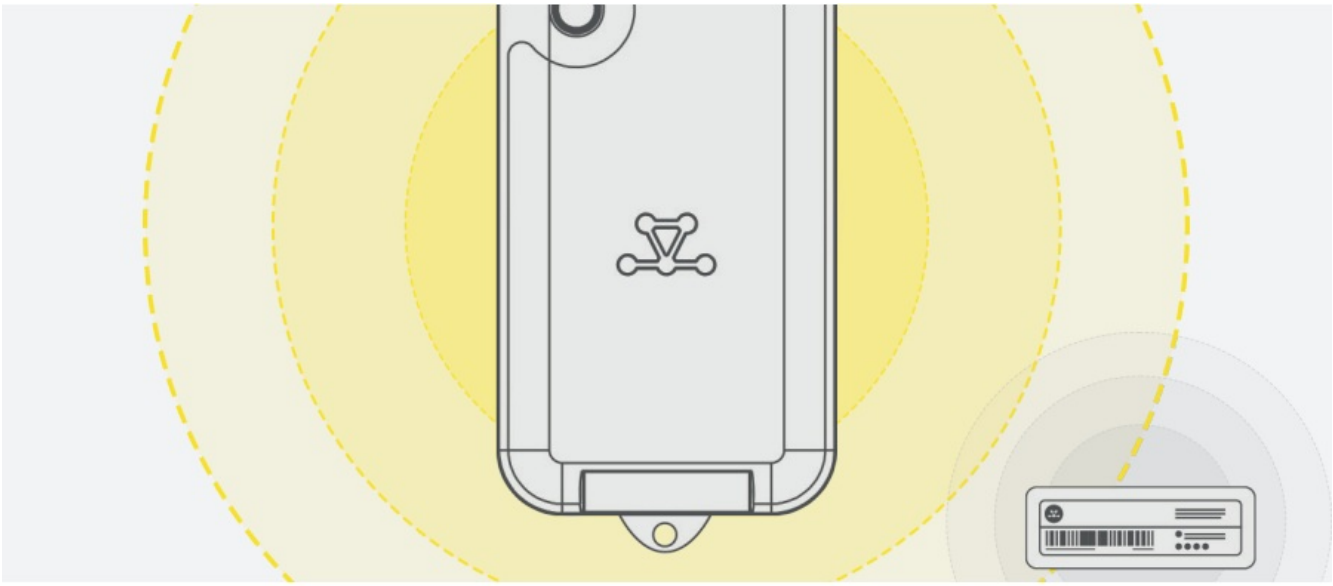
- **Step 1**

  Activation

  Once you have snapped the tab off, associated the LocoTag E4BL and stuck it to the asset, you are ready to go. It will already be switched on and will have begun to log data automatically.

- **Step 2**

  Bring the device within range of a LocoTrack enabled device



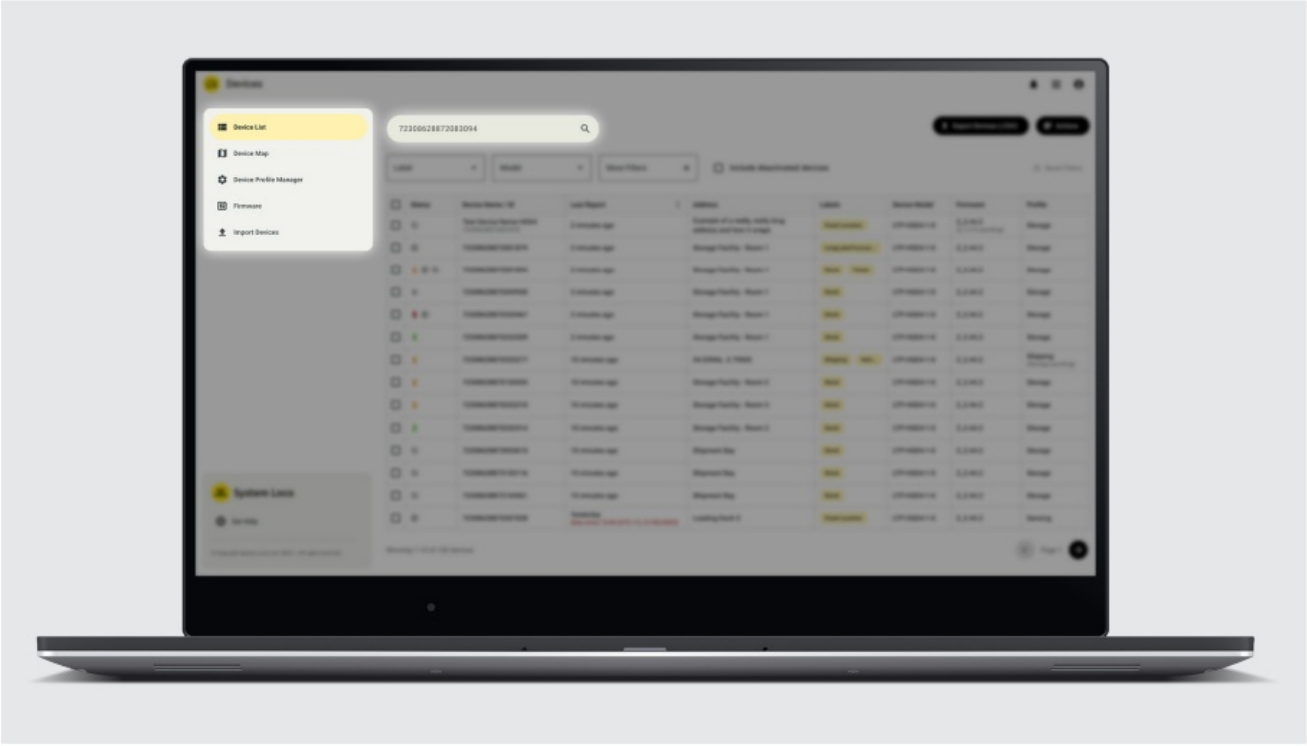
A LocoTrack device can be enabled as a hub depending on its device profile setting / use case.

The LocoTag E4BL has a range of

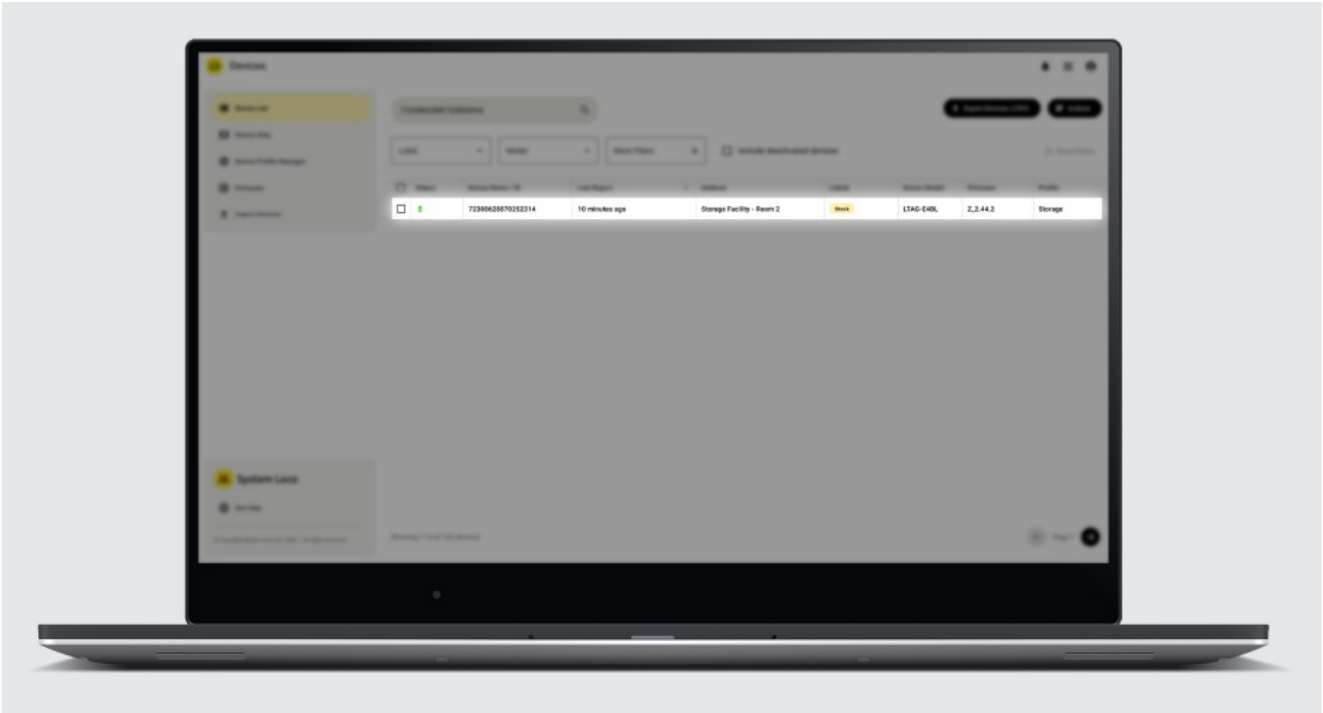
- 20m (65.6ft) indoors
- 80m (262.5ft) outdoors

Step 3

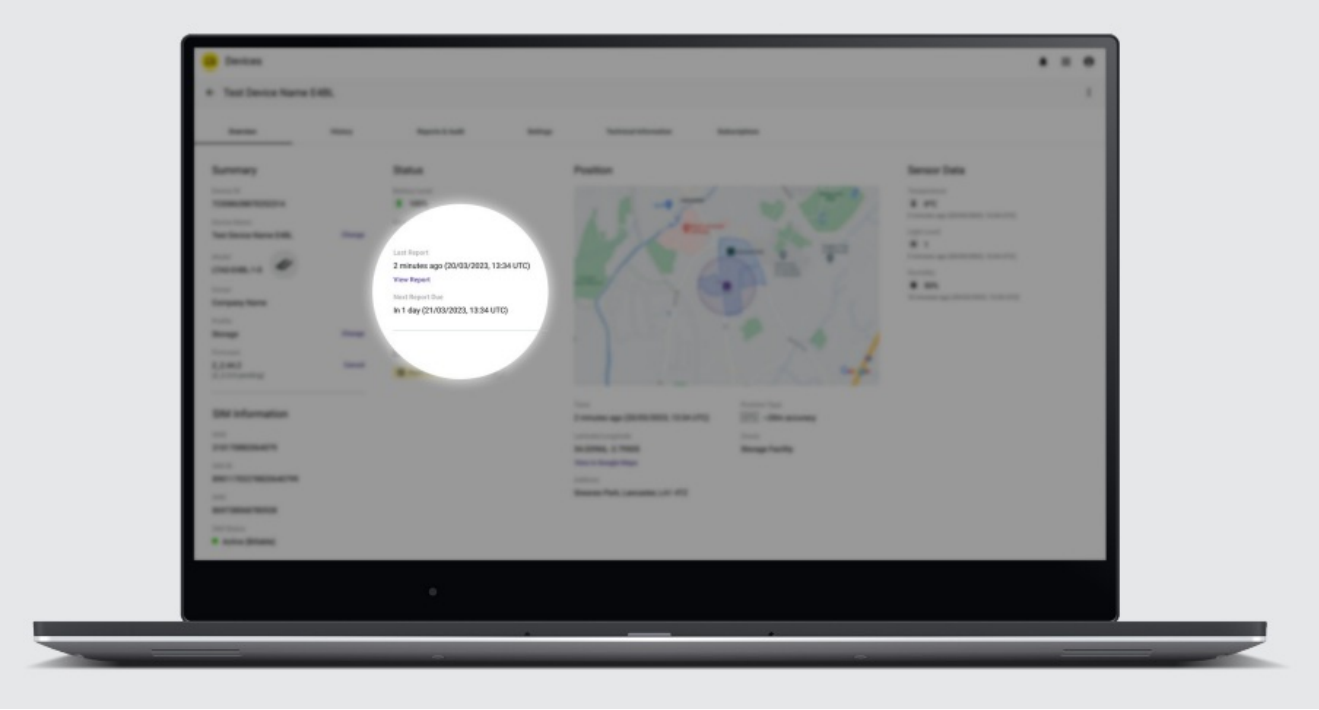
- Confirm on LocoAware that the device has reported to the server



- Find your device on www.locoaware.com by entering the Device ID / Barcode number into the search field.

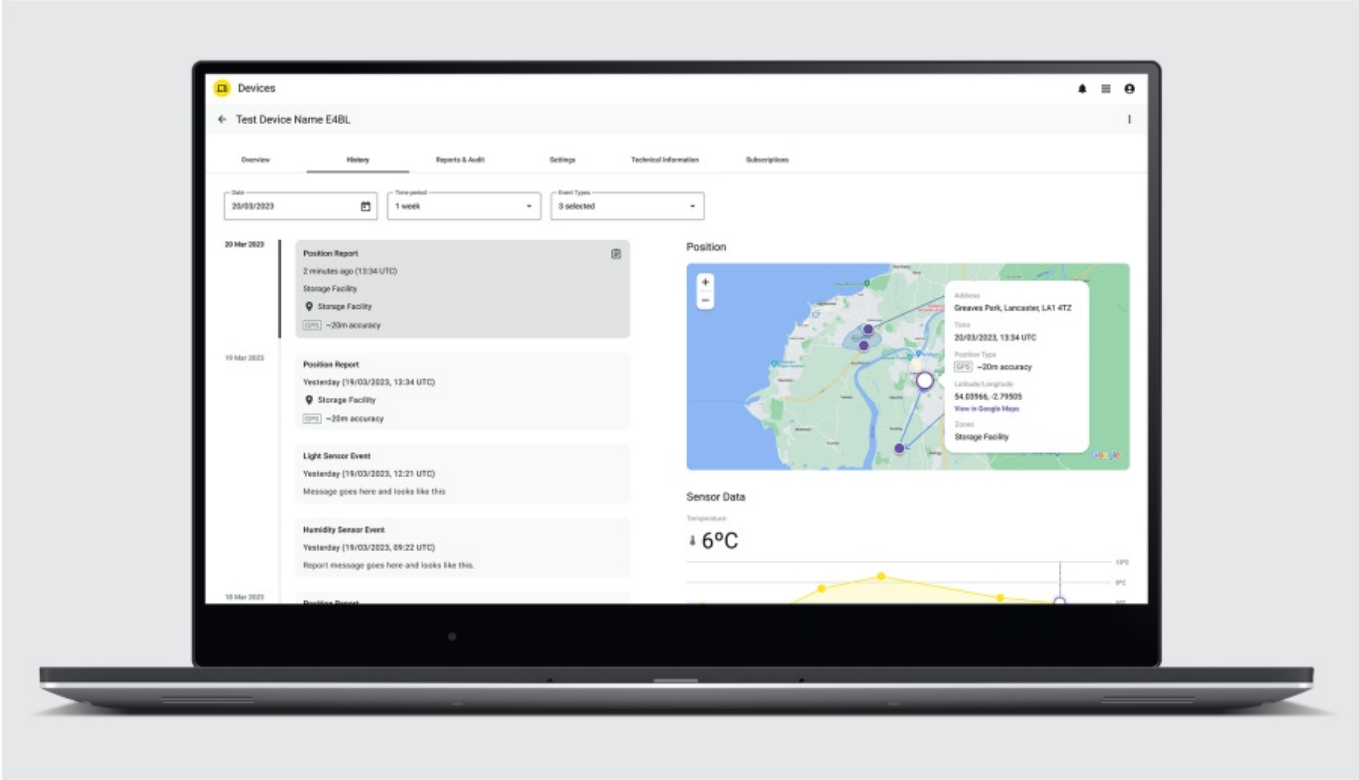


- Select the device from the list of search results.



- Confirm that the last report time is current with the device’s details page.

Step 4
Monitor the device



Monitor the device from within the LocoAware platform or via the API if integration has been completed.
The device will report back to the LocoAware platform whenever it comes into range of an enabled LocoTrack device. Until this point it will log temperature and humidity for up to rolling 30 days (for up to 9 months).

For information on API integration please visit: https://locoaware.com/apidocs/index

Batteries.
The unit uses a 320mAh primary battery (non-rechargeable)

- Do not expose to temperatures >60°C (140°F)
- Do not incinerate or disassemble
- Recycle after use

Certifications.

Countries
This product has been certified to the following standards:
FCC, IC, CE, UKCA, ROHS, PTCRB, MIC, KC, NCC, ANATEL, NOM, IFETEL, SUBTEL, OFCA, NBTC, WPC, RCM, RAMATEL

Airlines
RU, AC, CA, AF, NZ, AS, NH, AA, M6, OZ, 50, 5Y, OS, AV, SN, CV, C8, CX, CI, DL, EK, EY, HX, QX, KL, KE, LA, M3, LK, MH, KZ, PT, OO, WN, LX, TP, TK, UA

Environmental Considerations.

The equipment may contain substances that are harmful to the environment or human health. Please recycle this unit appropriately. Please contact your local authority for disposal or recycling information.

Mandatory Warnings.

www.systemloco.com
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Documents / Resources

	System Loco E4BL Loco Tag [pdf] User Guide E4BL Loco Tag, E4BL, Loco Tag, Tag

References

- LocoAware - Device Management
- LocoAPI Documentation
- User Manual

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