



## LIT: Global Leader in Anti-Counterfeiting & Traceability Solutions

*Fighting illicit trade, securing official documents, and protecting trusted brands*

### LIT e-Lock System for Fuel & Liquid Transport

**Secure • Smart • Tamper Proof**



#### Overview

LIT's **intelligent locking systems** are built to protect high value liquid cargo including fuel, chemicals, and industrial fluids during transportation.

Designed for **tankers, and containerized transport**, these smart locks combine mechanical integrity with **GPS tracking, sensor monitoring, and tamper clear mechanisms**.

Whether securing cross border shipments or local deliveries, LIT's solution ensures cargo reaches its destination **safely, authenticated, and fully monitored**.

#### The Challenge

Fuel and liquid theft is causing loss for fuel and liquid owners. Manual seal methods are prone to tampering, reuse, and manipulation often without detection until it's too late.

LIT addresses this challenge using smart explosion proof e-Locks that send real time alert when there is an attempt to temper with the lock.

#### Key Features

##### **Tamper Detection & Alerts**

Immediate notifications triggered by unauthorized movement, lock access attempts, or seal breakage.

##### **RealTime GPS Tracking and GEO fencing**

Monitoring of vehicle location using a WEB based dashboard.

##### **Event Logging & Audit Trail**

Full log of activities like opening, closing, and alarms for inspection.

##### **Dedicated mobile application**

State of the art mobile management solution for activation, tracing, deactivation and more.

##### **Optional Sensor Integration**

Link with fuel flow sensors, temperature monitors, or load detectors for comprehensive visibility.



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### Benefits

**Prevents Fuel Theft & Diversion**

Locks cannot be bypassed or resealed without detection ensuring supply chain integrity.

**Supports Regulatory Compliance**

Ideal for governments and distributors needing verifiable cargo logs and secure controls.

**User-Friendly Application**

Designed for fast application and user-friendly management.

**Flexible Deployment**

Available in manual, semiautomated, or fully connected (IoT) configurations based on client needs.

### Implementation & Support

LIT delivers a turnkey solution, including:

- e-Lock installation on transport units
- Backend monitoring system setup
- Staff training and operational support
- API integration for fleet management systems

### Contact Details

 +972 (8) 979.7766

 [info@miragelit.com](mailto:info@miragelit.com)

 [www.miragelit.com](http://www.miragelit.com)