

# Enhancing Security in the Oil and Gas Industry with E-Lock

## INTRODUCTION

The oil and gas industry involves the transportation of valuable materials, making security a significant concern for businesses in this field. Ensuring the safe transport of these materials is critical for both the environment and the well-being of employees.

## CHALLENGES

One of the primary challenges in the oil and gas industry is theft, which can result in significant financial losses. Additionally, environmental and safety regulations must be followed to ensure the safe and secure transportation of hazardous materials.

Another challenge is maintaining the integrity of the materials being transported. Any changes in temperature, pressure or other environmental factors can cause the material to degrade or become unstable, which can lead to accidents or leaks.



## SOLUTIONS

Our E-lock software can address these challenges by providing an additional layer of security to the tankers.

The software provided secure and remote management of locks on storage tanks, pipelines, and tanker trucks.

E-locks were opened and closed remotely, allowing for real-time monitoring of material movements.

The software provided companies with accurate reports of when and where materials are moved, ensuring compliance with regulatory requirements.

Our E-lock software also provided anti-tampering alerts that prevented unauthorized access, providing increased security for materials and reducing the risk of theft.

The software allowed businesses to track the location and movements of their cargo and prevented unauthorized access to the contents of the container.

**E-Lock**
100%

Locked
**17 mins**

**Violations** **5**

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Tamper **2**

Wrong Password Attempt **3**

Unauthorized RFID Attempt **0**

Open back cap Attempt **1**

Steel pipe cut Attempt **0**

**Unlock**

10:00

Thursday, 04 April

trkzee
2 min ago

Tampering Elock

Tampering Elock989 detected at 09:58 AM, near Belgrave Park, M2 Street, CA.

## RESULTS

**Reduced risk** – They reduced the risk of theft and complied with environmental and safety regulations.

**Cost saving** – This solution also helped businesses save money by reducing the likelihood of accidents or material degradation during transit.



## RELATED USE CASES



**Enhancing Cargo and Shipment Security with E-lock**



**Revolutionizing Cash Transport with E-Lock**