



Let's Solve

## Time Out of Environment

Time Out of Environment (TOE), is the cumulative time a cold storage item is out of its base storage condition, through the course of the item's life. Affirmative and concise management of the items is necessary to avoid material degeneration, wastage, and ensure compliance. LTI's IoT and RFID-based Time Out of Environment is a comprehensive solution to overcome the inaccurate and time-consuming process of monitoring TOE, which ensures abating production losses, and compliance breach through escalating alerts & notifications.

### Business Challenges

- Material loss on breach of Time Out of Environment
- Manual intervention increases Time Out of Environment
- The time for recovery of material is ambiguous
- Waste of material results in lower profitability
- Risk of regulatory compliance breach

### Solution Highlights

- Real-time sensor data for continuous monitoring
- Automated decision making & work order creation
- Mobile Application for higher operational visibility
- Real-time Alerts, Notification & Analytics

## Technologies



• Internet Of Things Cloud Services • JD Edwards

## Benefits

### Minimize Expiry Losses

Extend & Optimize product life span

### Fully Automated Monitoring

Accelerate go-to-market timeline

### Scalable Technology

RFID-based tracking, IoT-empowered solution

# Our Global Presence

25,000+  
Employees

301  
Active clients

59  
Fortune 500 clients

## Where We Solve



Energy &  
Petroleum



Consumer Product  
Goods & Retail



Financial  
Services



Process  
Industry



Pharmaceutical



Banking



Automotive  
& Aerospace



Media &  
Entertainment



Healthcare



Utilities



Travel  
& Logistics



Insurance



Engineering  
& Construction



Hi-Tech



Plant  
Equipment

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