



Let's Solve



## Smart Water Processing

Water De-Ionization is a process to remove all dissolved salts using Deionization Cylinders. Regeneration of cylinders in time, visibility of their health & performance, and data analysis, is extremely critical to optimize inventory and lower cost of operations. LTI's IoT-based Smart Service for Utilities is an end-to-end solution connecting scattered filters, customers, manufacturers and technicians for predictive maintenance, with optimized inventory and lower operation costs.

### Business Challenges

- Manual Inspection
- Regeneration Service Request via Call Center
- Higher Inventory Cost
- No Real-Time Data Access
- Delayed Regeneration Requests  
(Loss of revenue)

### Solution Highlights

- Equipment Self-Audit using Smart Sensors
- Asset Tracking and Traceability
- Live Asset Tracking & Analysis of System Health
- Inventory Optimization
- Real-Time Alerts & Analytics

## Technologies



- Internet Of Things Cloud Services
- SOA Cloud Services
- Mobile Cloud Services
- JD Edwards

## Benefits

**Predictive Maintenance**

Automated SR Creation

**Real-Time Tracking & Inventory**

Alerts & Notification

**Lower Inventory Cost upto 33%**

No Spare Inventory

# 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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