

# AIRLINE FUEL MANAGEMENT ENERGY SECTOR CASE STUDY



TRIDENT  
CONSULTING  
*make it happen™*

The fuel committee of a consortium of airlines operating at a major US airport with over 2,000 departures daily engaged Trident to evaluate the airport's fuel management practices due to significant inventory write-downs caused by both physical and accounting losses.

## 31%

### REDUCTION IN TANK FARM LOSSES

## \$1,100,000

### ANNUALIZED SAVINGS

## 88%

### INCREASE IN ERROR DETECTION RATE

#### HOW WE MADE IT HAPPEN

**Implemented supplier receipt separation process to identify sources of receipt loss and facilitate supplier accountability**

- Tracked daily gain/loss in Net Gallons to ensure accurate detection of receipt losses
- Separated fuel receipts by supplier, increasing transparency into sources of loss

**Designed an escalation process to resolve out of tolerance receipt variances and meter factor errors**

- Using escalation tracker, monitored and flagged out-of-tolerance receipt variances in receipt reconciliation dashboard
- Escalated 83% of out-of-tolerance variances to suppliers for resolution and fuel recovery
- Identified meter factor errors through meter factor control charts and escalated errors to respective supplier

**Instituted meter proves witnessing program to ensure consistency and accuracy with third party meter proves**

- Created standard checklist to improve efficiency of witnessing process and serve as a tool for further training
- Implemented -witnessing program, increasing proving frequency of a leading supplier by 300%

**Educated supervisors and dispatchers on American Petroleum Institute (API) standard tank gauging procedures to improve consistency and measurement accuracy**

- Installed tank gauging dashboard to automatically detect gauging discrepancies, improving error detection rate by 88%
- Distributed tank gauging procedure cards to reinforce on the job training

*"Trident's methodical and structured approach helped to identify key levers for loss reduction at the tank farm early in the beginning of the engagement, and focus team efforts on these areas. Trident was able to quickly establish strong working relationships and gain trust in implementing procedural and system improvements."*

WE'RE HERE TO MAKE IT HAPPEN™.  
CONTACT US TODAY AT [info@trident.com](mailto:info@trident.com).

*-Director of Fueling Operations and Services*