

Aviation Fuels Management

from Tank Farm to Takeoff



Varec provides small and medium sized airports an integrated hardware and software solution that improves logistics, data collection and accountability of aviation fuels management operations.



Aviation Fuels Management

from Tank Farm to Takeoff

Tank Farm Management

- Tank Gauging and Physical Inventory Measurement
- Physical Inventory Management
- Pump and Valve Control and Automation
- Truck Load Rack Automation
- PLC Integration
- Overfill Prevention and Detection
- Leak Detection
- Daily Physical Inventory Reports

Dispatching

- Airline Fuel Load Feed Integration
- Automated Dispatch
- Resource Management
- Real-Time Fuel Load Updates
- Real-Time Fueling Status Visibility

GSE Fuels Management

- Automated Vehicle Identification (Barcode Scanning)
- Mis-fuel Prevention
- Loss Prevention

Glycol Management

- Inventory Management
- Glycol Meter Tracking
- Paperless Glycol Ticketing

Into-plane Operations

- Net Fuel Volume Calculations at the Wing
- Overfuel Prevention and Protection
- Fuel Meter Tracking
- Paperless Fuel Ticketing
- ACARS Messaging Integration
- Electronic Ticket Entry Systems for Paper Tickets

Fuels Accounting

- Fuels Transaction Management (Ledger)
- Fuels Accounting for Co-mingled Fuel
- Daily Meter Reconciliation
- Secure Closeouts and Audit Trail
- Net Conversion
- Book vs. Physical Fuel Reconciliation
- ExSTARS Compliant
- A4A Spec 123 (Jet Fuel Inventories) Compliant

Integration & Support

- Aviation Systems Integration
- Software Application Development
- Data Center IT Support
- 24x7 Technical Support and Help Desk

Enterprise Information Technology

- Single, Integrated Fuels Management System
- Software Applications run as Services at AT&T Data Center
- Local User Access via VPN
- Site Level Data Management

Oversight and Insight

- Online GSE Fuels Usage Reports
- Online Glycol Transaction Reports
- Online Into-plane Fueling Reports
- Online Inventory Reconciliation Reports