

Fuel Management & Optimization

Achieve significant savings with fuel usage analysis and reporting solutions

Airline operators are facing the impact of volatile fuel prices and their direct effect on the bottom line. Closely managing fuel usage reduces operational expense, which provides a competitive advantage. When efficiencies in operational planning and fuel purchase have been achieved, monitoring and understanding operational usage enables you to realize the next wave of savings.



OSys' Fuel Solution

The fuel solution from Optimized Systems and Solutions (OSys) completes the fuel-management loop by enabling understanding and optimization of your actual fuel usage. It applies our proven technologies in data integration, reliability analysis and equipment health monitoring in order to deliver

- Data quality and integration
- Centralized operational data
- Statistics, trends and predictive analysis that identify optimum practices
- Easy communication of relevant information to those who need to know
- Flexible, tailored reporting to all layers of the organization



Achieve Fuel Savings Goals

To allow you to concentrate on fuel management and optimization, OSys turns the complex interaction among loading, flight and maintenance activities into easy-to-understand graphics for those in your organization who can affect fuel usage. Value opportunities are identified and communicated to flight crews, handlers, fleet managers, executives and finance. The OSys solution gives you the tools to achieve your fuel savings goals.

Benefits of fuel management with OSys

- Significant savings in revenue, resources and time
- Comprehensive analysis of the factors that affect fuel consumption
- Operational data accessible through one portal
- Enhanced decision-making that produces real, bottom-line benefits
- Effective communication of value opportunities through automated alerts
- Automated data collection, reconciliation and reporting reduce administrative costs

Pilot overview screen



Fuel Manager overview screen



OSyS provides a comprehensive data solution that helps deliver effective fuel management

Ensuring Data Quality and Integration

OSyS' data quality and integration module

- Combines data from multiple sources
- Applies quality rules
- Presents information in a consolidated warehouse in real time

The module is supported by data profiling tools to measure existing data quality and manage problems to resolution.

Fuel Data Analysis

OSyS' proven analysis capability identifies and quantifies the causes of inefficient fuel usage.

- Data drill-down, visualization and ad hoc query tools reveal anomalous flight performance.
- Empirical modeling and statistical analysis predict the impact of competing influences on flight efficiency.
- Risk-based assessment balances maintenance and fuel cost to identify optimum maintenance points.

Effective Reporting

Role-based dashboards, tailored to each operational group,

- Provide continuous updates on overall fleet performance
- Report on group and individual initiatives
- Generate and communicate alerts that draw attention to underlying opportunities and issues

The Total, Flexible Solution

An effective fuel management and optimization solution is a combination of data quality management, analysis expertise and flexible reporting. Together, these enable you to better allocate time and effort to deliver the next level of fuel efficiency and gain a competitive advantage.

OSyS' fuel management solution is applicable to all operations – from small fleets to major carriers. The data collected and analyzed and reports supplied are tailored to suit your needs and budget. The solution also has the capability to grow as your organization's fuel management maturity increases.

OSyS delivers the full business value of a fuel management and optimization solution

Contact information

Tel: +44 1332 777 504
civilaviation@o-sys.com

www.o-sys.com

