Fuel Analytics

Knowing is better than guessing

In light of rising fuel prices and demanding climate targets, saving fuel is becoming increasingly important. Identifying the right fuel efficiency measures can be the key to a successful fuel efficiency program. Because of widely varying flight conditions, the impact of such measures is concealed behind the available data. Fuel Analytics uses artificial intelligence to unravel the mystery and calculate the actual fuel savings achieved by the measures taken under real flight conditions.

Never miss an opportunity to save fuel again. Every tenth of a percent can make the crucial difference to the success of your business case. Fuel Analytics provides you with independent proof of fuel savings so that you can validate suppliers' offers – pay only for what you get.

Benefits

Artificial intelligence for accurate fuel analytics

Optimize your maintenance program for maximum fuel performance

Reasoned decision making for your fuel efficiency on a tailsign basis

Insights into additional fields for improvements

Eliminate unwanted side effects

Different flight paths and weather conditions

Filtering of outliers and measurement errors

Weight & balance and aircraft maintenance conditions

Plug and play on-boarding
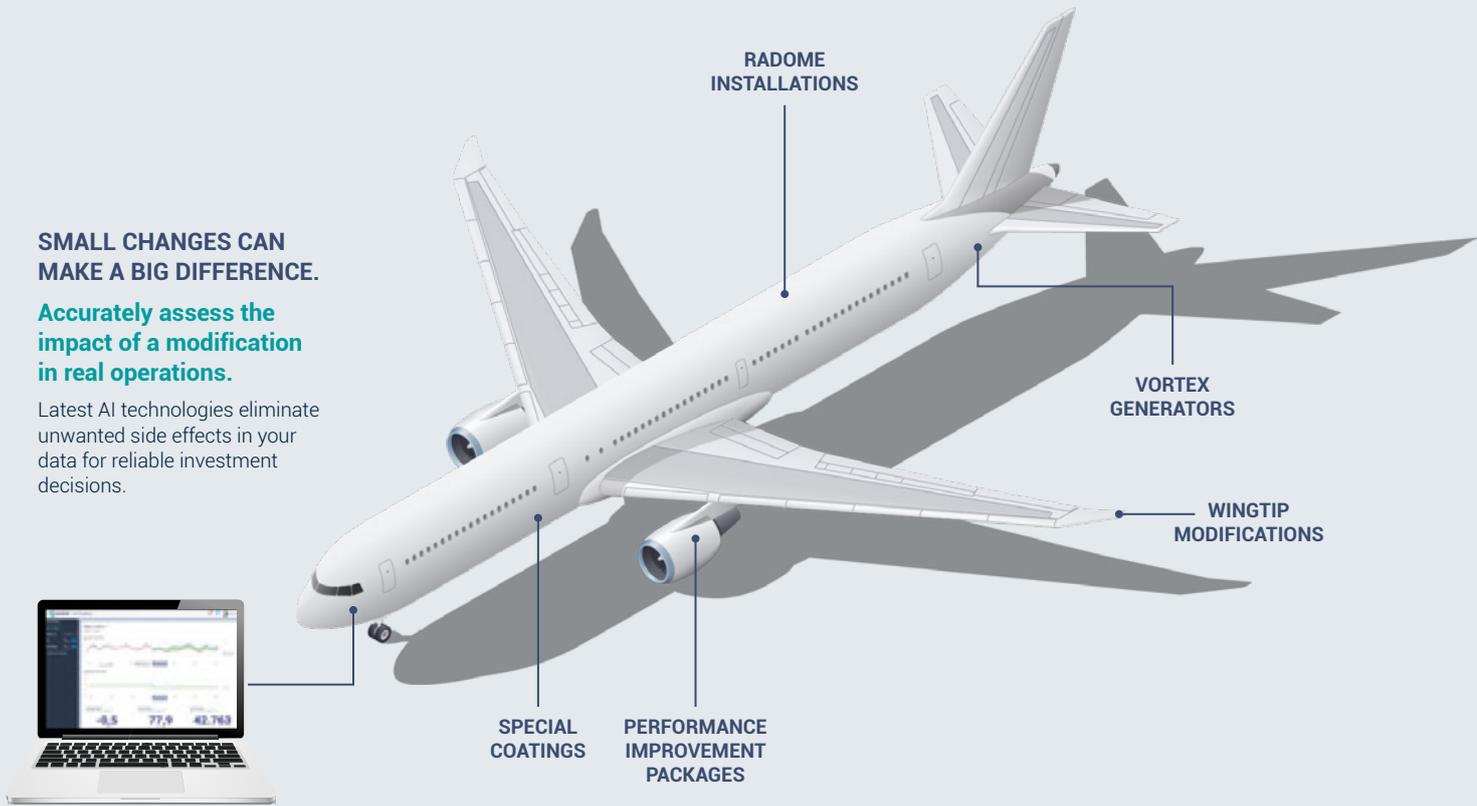
Simply upload the required dataset

Get immediate results

No additional IT infrastructure required

AVIATAR
FUEL ANALYTICS

RADOME
INSTALLATIONS

VORTEX
GENERATORS

WINGTIP
MODIFICATIONS

**SMALL CHANGES CAN
MAKE A BIG DIFFERENCE.**

**Accurately assess the
impact of a modification
in real operations.**

Latest AI technologies eliminate
unwanted side effects in your
data for reliable investment
decisions.

SPECIAL
COATINGS

PERFORMANCE
IMPROVEMENT
PACKAGES

TECHNICAL FEATURES

Use the power of data to accurately calculate the fuel measures

Simple Self-service Analytics
Get accurate results instantly
with a web-based application.

Visualization of Savings
Clear display of results enables
simple and reasoned
decision-making.

Data Protection
All processed data is transferred and
stored in a secure private Microsoft
Azure cloud.

AVIATAR is an independent platform for digital products,
services and solutions, such as predictive maintenance, with
technical implementation included. Lufthansa Technik offers
AVIATAR to operators and enables optimized operating times,
reduced maintenance costs and more reliable fleet operations.
AVIATAR combines airlines operation expertise, data science
and engineering knowledge to provide an extensive range of
integrated digital services and products for airlines, MRO
companies, OEMs and lessors that seamlessly interface and
link with physical fulfillment.

CONTACT

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