

swiss49 flight data solutions

By selecting the **best computer tools** on the market the swiss49ers create and operate Flight Data Monitoring infrastructures for customers. By combing YOUR expertise and the swiss49ers knowledge our service significantly adds more value for YOU since we provide you with **results and findings** rather than only selling a tool. YOU safe manpower and can nevertheless **benefit from a wide-range Return-On-Invest of YOUR flight data.**

The swiss49ers team consists of young and highly qualified **computer science people**. The individuals are close to business by holding active Airline Transport Pilots Licenses ATPL or having long term experience in airline flight operations including long haul flight services. Being active and responsible for Flight Data Monitoring at a major European flag carrier over **10 years expertise** is accumulated in the swiss49ers team and ready to work together with YOU!

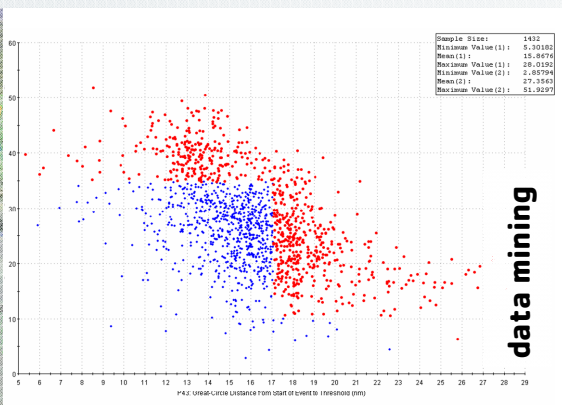
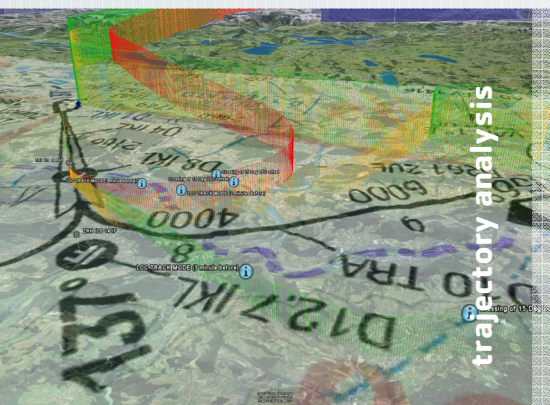
Obtaining Flight Data Monitoring services from swiss49 means **more** than just purchasing a Flight Safety tool for your company. We provide YOU with our **flight ops know how** and deliver to YOU **daily findings** by analysing the raw computer statistics from YOUR flight data processing.

YOU benefit from our **flight ops experts** how to make best use of equipment by **using your flight data monitoring company wide** for Flight Ops Quality Assurance (FOQA), Maintenance Ops Quality Assurance (MOQA) and Flight Data research (e.g. Airport and ATC efficiency).

YOU choose the **level of support** swiss49ers can do for your company. We offer an A-Z setup, definition, integration, operation and support service selected by your needs. YOU choose between an in-house IT-Infrastructure or **remote internet service** to keep costs low for your company.

swiss49 flight data solutions

- ⇒ Your FOQA Program enhances the safety of Your flights!
- ⇒ Your Flight Data contains valuable Information — use it also!
- ⇒ You get conclusions and expertise — not just a software installation!
- ⇒ You participate of the experieence we have!
- ⇒ You choose us — we close the gap between the pilots and the software world.
- ⇒ You need a solution — we have the tools and the experieence!



swiss49 ag
flight data solutions

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flight data monitoring (JAR OPS 1.037)

swiss49 ag offers full scale flight data monitoring service compliant with JAR OPS 1.037.

Service Highlights:

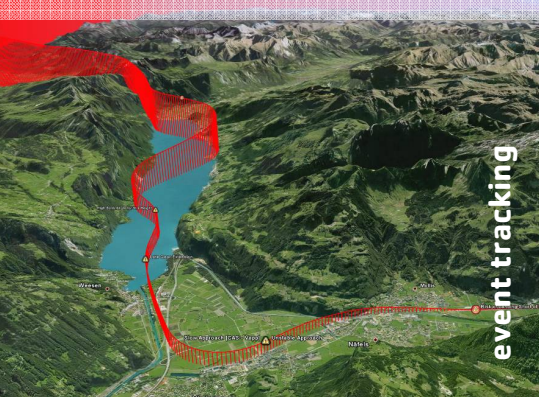
- ⇒ Service based on the market leading Event Measurement System EMS
- ⇒ Flight Safety Experts support your work
- ⇒ retrospective and customized data analysis

Financial benefits:

- ⇒ pay as you fly (per aircraft per month)
- ⇒ low initial investement (no dedicated hardware required)
- ⇒ safe company man–power
- ⇒ Provide your flight data for research projects and get money back

Service Modules:

- A: Database for Aircraft Recording
- B: Data- and Diskhandling
- C: Event Measurement System EMS
- D: High Quality 3D- Visualisation
- E: Training



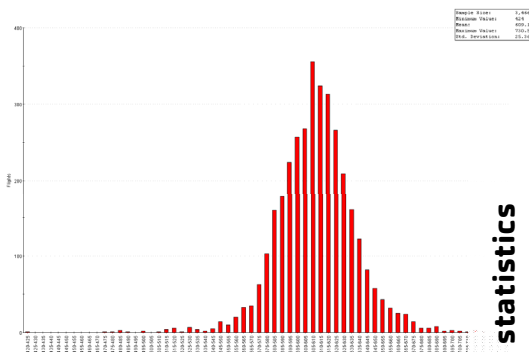
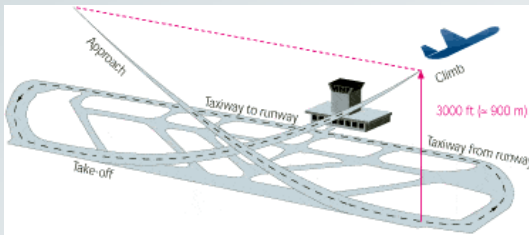
event tracking

flight ops efficiency

As a **flight operations efficiency expert** of a major air carrier or **Air Traffic Control** entity YOU are interested in having facts and figures to **steer and optimise** your company's operation. By processing and analysing YOUR **operational data** (flight or radar data) swiss49ers provides YOU with **findings** for YOUR decision making process.

YOU benefit from the **combined IT and flight ops knowledge** of the swiss49ers which synchronises and processes the available flight data parameters for YOUR topics of interest.

YOU choose the project size, flights and fleet types to be watched to **keep YOUR operation efficient**.



statistics

flight data research

As a research expert YOU can find **evidence and answers** in analysing operational flight data of daily airliner flights. YOU define the **scope of interest** (e.g. trajectory data, noise, emissions, weather, etc) and swiss49ers provides YOU with selected flight data out of a huge storage pool of flight data. We process the data according to a mutual evolved specification and **deliver YOU results for validating** YOUR thesis and models.

We deliver **findings** which can be compared right away with core figures from your field of activity. Swiss49ers can provide even raw flight data if required. Swiss49ers supports you with a **strong and flexible data mining** development process. YOU receive intermediate results very quickly in order to cross-check and **optimise the data and processing specification** on the run.

YOU benefit from swiss49ers **flight ops experts** who can synchronise and combine the available flight data parameters with YOUR topics of interest. YOU choose the project size, flights and fleet types so YOUR results will precisely **focus on YOUR questions** to keep costs optimised.



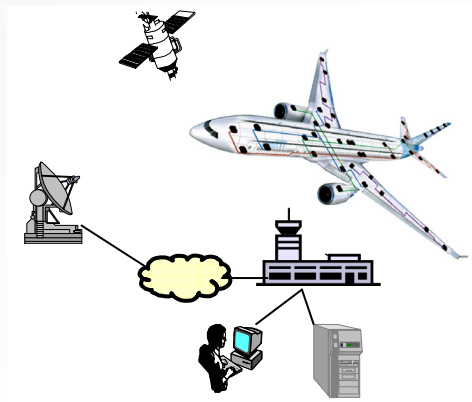
animations

ACARS services

swiss49 ag also offers a comprehensive range of consultancy services which fully cover all **Air/Ground communication** needs including the configuration of the onboard Aircraft Communication Addressing and Reporting Systems (ACARS).

We support the **integration** of a mixed fleet equipped with data-link avionics from multiple manufacturers interacting with airline information services, processes and procedures by ensuring a reliable and seamless connection between the aircraft and ground based systems or people. Our services enable airlines to **improve operational efficiency and safety, on-time performance**, enhance the in-flight service to passengers and help to **reduce costs**. These are only some of today's **key success factors** for commercial airlines.

Following system implementation of tailored solutions, our data link system specialist will be available to guarantee appropriate **system support** in order to obtain the **full benefits** of data link integrated with other airline operational control (AOC) systems in use.



acars solutions