



# DFS Aviation Services

Company Profile



**DFS** Aviation Services

A brand of experience

# Our expertise

Customers  
from more than  
**40 countries**

**Certified ANSP**  
in Germany  
& the UK

**100 %**  
**Operational focus**  
with ANSP expertise

**International  
Projects**  
around the globe  
since 1995

**ATM Systems**  
Main – Contingency  
Fallback – Safety Net

**Inhouse  
Research &  
Development**

25 years  
**Civil-Military  
Integration**

Real- & Fast Time  
**Simulation**

Advanced  
Airspace  
& Procedure  
Design

Aviation  
**Training**  
Services

**International  
Presence**  
Bahrain, Singapore,  
Beijing, Vienna,  
UK

**Feasibility  
& Safety Studies**

**Remote Tower**  
Concepts

# Who we are

## A brand of experience

DFS Aviation Services is part of the DFS Group, centred around the German air navigation service provider DFS Deutsche Flugsicherung. In one form or another, DFS has been responsible for controlling air traffic in the Federal Republic of Germany for over 65 years. Today, it manages one of the most complex airspaces in the world, with more than 10,000 flights per day and over 3.3 million flights per year (2019).


## Full-service integrator for Air Traffic Management (ATM)

The decades in business, and the full range of products and services we provide directly, have given the DFS Group a broad and deep pool of experience. We see it as our mission to share this vast experience with our customers worldwide and contribute to our common goal: safe and efficient air traffic.

DFS Aviation Services itself provides air traffic control at several regional airports in Germany as a certified air navigation service provider (ANSP), as well as in the United Kingdom via our subsidiary Air Navigation Solutions. This operational know-how, combined with our technical expertise and our passion for keeping the skies safe, empowers us to offer highly professional ATM products and services to customers worldwide, such as ANSPs, airport operators, airlines and aeronautical authorities.

Our areas of competence:

- ◆ Aeronautical Data, Systems & Engineering
- ◆ Air Traffic Services & Apron
- ◆ Consultancy
- ◆ Aviation Training Services



*"Our customers appreciate us as their full service integrator for ATM."*

**Andreas Pötzsch**  
Managing Director

# Services across the globe

## ANSP locations

Our headquarters are situated in Langen, Germany, close to the international hub of Frankfurt Airport. We have sites across Germany at the airports where we provide air traffic management.

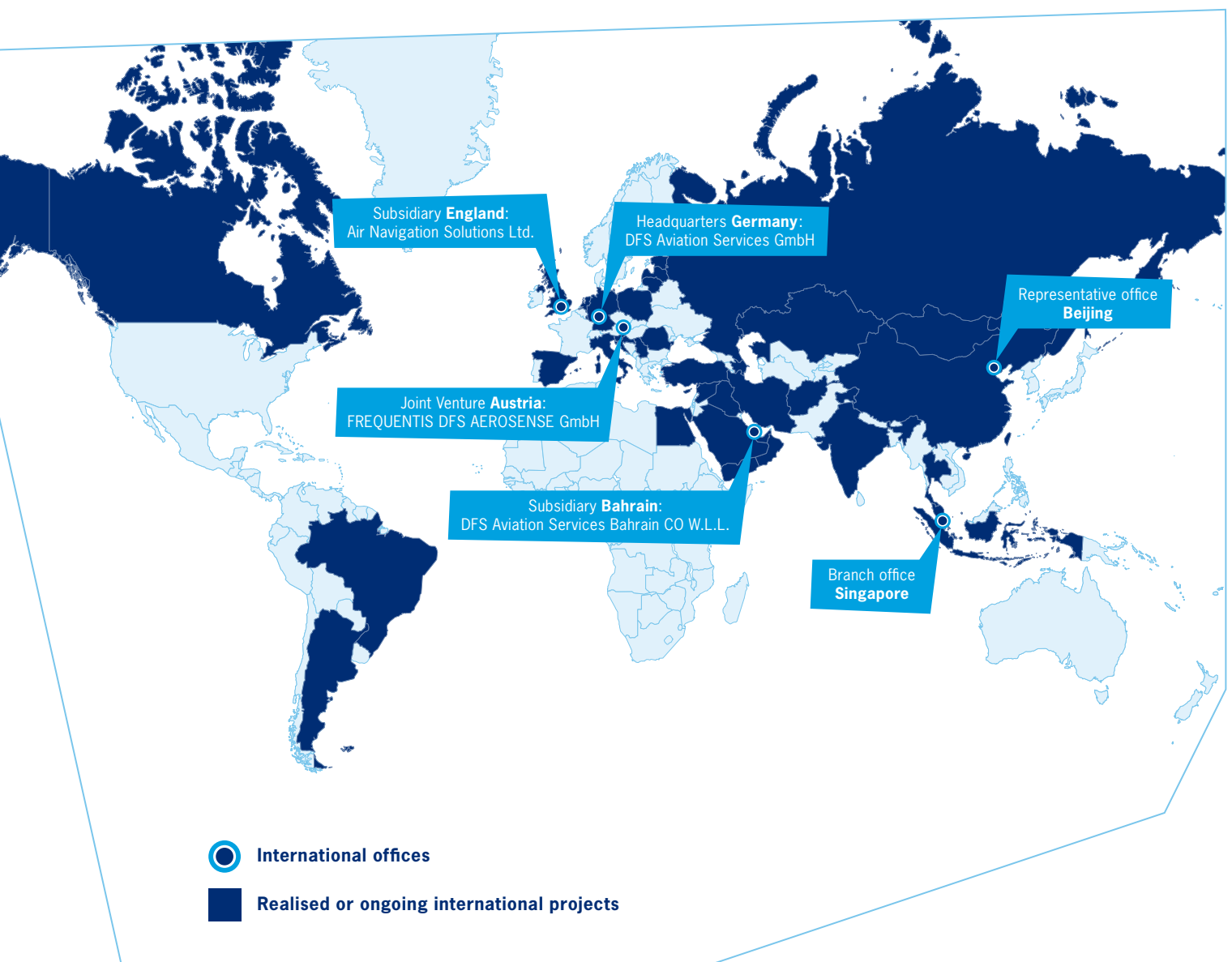
Through our UK subsidiary, Air Navigation Solutions, we also provide air traffic control at London Gatwick and Edinburgh, Scotland's busiest airport. Gatwick is the UK's second busiest airport and one of the most frequented single-runway airports worldwide.

## International presence

In Asia, DFS Aviation Services maintains a branch office in Singapore and a representative office in Beijing.

Since 2019, the subsidiary DFS Aviation Services Bahrain has been providing operational and administrative personnel in Bahrain and supports the Bahrain Ministry of Transportation and Telecommunication.

DFS Aviation Services also offers turnkey remote tower solutions via its joint venture FREQUENTIS DFS AEROSENSE, based in Austria.







# Customer Voices

*"It becomes clear that the cooperation works and benefits both organisations. The cooperation at expert level has also developed to a very mature and open level. I would like to thank the team at DFS Aviation Services and LVNL for their efforts and the quality of their work."*

Marcel Bakker, General Manager Systems & Infrastructure,  
LVNL, Dutch air navigation service provider

*"DANS appreciates the partnership of DFS Aviation Services in defining innovative approaches in transforming the sky."*

DANS, Dubai air navigation service provider

*"In DFS Aviation Services, we are happy to have found a certified air navigation service provider as a professional partner. This puts us in the position to meet the rising requirements being placed on the airport."*

Olaf Schmidt, General Manager,  
Emden Airport

*"We are happy to have found an innovative, flexible and mobile radar display in PHOENIX WebInnovation and to be the first airport in Germany that uses the system."*

Christian Schultz, Airport Duty Officer, Hamburg Airport

*"This agreement with DFS Aviation Services will enable the CAA to carry out its responsibilities at a top standard, allowing our team to gain international experience in the fields of air navigation services, aviation safety, regulations and more, and I am pleased that we have been able to build this partnership with a partner as well established as the DFS Group."*

Kamal bin Ahmed Mohammed, Minister of Transportation and Telecommunication, Bahrain Ministry of Transportation & Telecommunication

# What we do

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## Extensive worldwide experience

We started with international projects back in 1995. Today, you can benefit from our many years of project experience with customers from more than 40 countries.

## Full-service partner

- ◆ Are you searching for a new ATS or CNS system?
- ◆ Would you like to have your employees trained by ATM experts?
- ◆ Do you require support on how to optimise your air traffic management, for example on performance, procedures, capacity or civil-military integration?

Let us know what challenges you are currently facing.

On the following pages, you can find more information about our areas of competence.



**SYSTEMS &  
ENGINEERING**

page 8



**AIR  
TRAFFIC  
SERVICES**

page 9



**CONSULTANCY**

page 10



**TRAINING**

page 11

**Do you have a specific request or any other questions?**

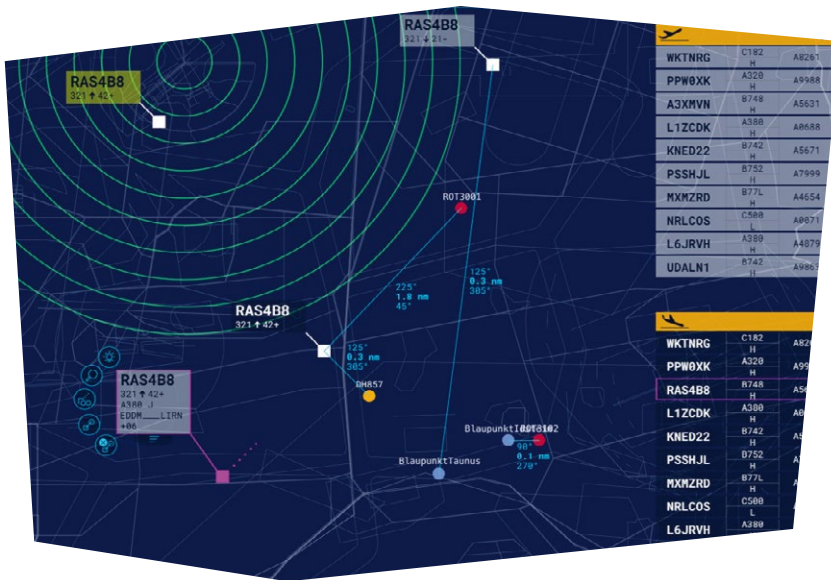
**Please do not hesitate to get in touch with us:**

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**[sales@dfs-as.aero](mailto:sales@dfs-as.aero)**



# Aeronautical Data, Systems & Engineering



In order to control one of the most complex and busiest airspaces worldwide, the DFS Group has developed many systems and solutions in-house over the years. Today, those are used throughout the DFS Group as well as by ANSPs and airports worldwide.

Your satisfaction is our highest priority. To meet your expectations and needs, we draw on our experts to modify and tailor each product to create an ideal fit and deliver a tried-and-tested solution.

## Portfolio highlights

### DFS ATM Suite

Our modular DFS ATM Suite features a set of integrated ATC Automation Components, which can be used in any air traffic control environment – in small and large towers, control centres, or as a fall-back system anywhere in the world. We can provide you with:

- Air and Ground Situation Display (PHOENIX)
- Web-based Radar Display (PHOENIX WebInnovation)
- Arrival Manager (AMAN)
- Flight Data Processing System (FDPS)
- Evaluation Tool (VisaV-E)

### Product Engineering Services, such as system maintenance and product management

### High-performance ATS and CNS services

#### Atech, Brasil

#### PROJECT

Type: A Multi Sensor Tracking – a sub-system of PHOENIX – was delivered as new main tracker for the whole country

#### DANS, Dubai

#### PROJECT

Type: PHOENIX fallback system



# Air Traffic Services & Apron

Every airport has its own unique challenges and needs. DFS Aviation Services and its subsidiaries are responsible for providing air traffic control at a significant number of aerodromes, each with its own distinct conditions. These aerodromes range from small AFIS aerodromes and regional airports in Germany to the highly frequented airports like London Gatwick.

For Air Traffic Services and Aerodrome Flight Information Services (AFIS), we provide different operational models conforming to your specific needs, and offer **air traffic control both conventionally as well as through remote tower operation.**

As a certified ANSP, it is our top priority to ensure that the **highest quality and safety standards** during the ATC service provision are upheld, while still keeping prices in line with market conditions.

*“For us, the expertise of DFS Aviation Services in air navigation services is proving really helpful for the further development of the airport and the long-term technical planning.”*

Claus-Dieter Wehr, General Manager,  
Flughafen Friedrichshafen



 Tower Services  
DAS & ANS Ltd.

 Tower Services  
DFS

 Headquarters  
DFS & DAS

 Control Centre  
(ACC)

 DAS Aviation  
Academy (DAS A²)

 AIS-C

# Consultancy

Our experts are pleased to provide you with the deep industry insights and knowledge needed to achieve your goals and to prepare your organisation for the ATM future.

As a certified ANSP, we understand your ATM-specific challenges and can contribute to your success by sharing our experience, drive and knowledge of new industry developments.

## Our consultancy services range from

- ◆ Safety Assessments
- ◆ Feasibility and Capacity Studies
- ◆ Operational and Infrastructure Concepts
- ◆ Fast- and Real-time Simulations
- ◆ Airport Collaborative Decision Making (A-CDM)
- ◆ Airspace and Procedural Design
- ◆ Remote Tower solutions & consultancy
- ◆ Civil-Military Integration
- ◆ Integration of UAS



### **EANA, Argentina**

#### PROJECT

Type: Airspace design for Argentina's largest and busiest TMA; Evaluation of current airspace situation; Design new airspace concept and its validation through simulation and modelling; Review of the new airspace after its implementation

### **Ministry of Transportation and Telecommunication, Bahrain**

#### PROJECT

Type: Provision of operational and administrative personnel in Bahrain

# Aviation Training Services

At the heart of every ANSP organisation are the highly trained and skilled air traffic controllers and technicians. Especially in an industry centred on safety, professional education and continuous training are of the utmost importance.

With over 40 years of experience in training air navigation services personnel within the DFS Group, we offer customised training solutions at the DFS Academy in Langen, Germany, as well as at our customers' facilities worldwide.

Our extensive training portfolio covers the entire Air Navigation Services spectrum – we train ATCOs and ATSEPs ab-initio. We offer support in the recruitment and selection process and provide on-the-job training, refresher, continuation and English language training and assessment. Furthermore, we provide Safety Management and Human Factors training.

**Our courses are Regulation (EU) 2015/340 compliant and we keep our approach modular so that we can tailor every course to the specific needs of our customers.**



## PROJECT

### Croatia Control, Croatia

Type: Basic & ACS Rating Training for 12 students including the provision of instructors, pilots and simulator environments

*“Thanks to DFS Aviation Services we could successfully train our new ATCOs. They understood our challenges and needs immediately, and the training was successful and beneficial.”*

Vlado Bagarić, Director General, Croatia Control, Croatian air navigation service provider

## **Systems & Engineering | Air Traffic Services | Consultancy | Training**

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