



Press Release

Langen, 13th May 2024

DFS Aviation Services launches first cloud-based air traffic control system in Memmingen

DFS Aviation Services GmbH (DAS), a subsidiary of DFS Deutsche Flugsicherung GmbH, is introducing the cloud-based system “PHOENIX WebInnovation” for air traffic control at the airport Memmingen.

The innovative air traffic control system, the first of its kind, operates entirely in the public cloud and represents a technological paradigm shift in the air traffic control industry. It utilises state-of-the-art technologies and has already proven its worth as an enhanced information tool at smaller airports. It is a cloud-native product that is hosted on the Kubernetes platform of the company SysEleven, with which DAS has a long-standing partnership.

In Memmingen, it will be used for the first time for air traffic control at a commercial airport. Featuring a modern radar screen and an electronic flight strip system in the tower, this tool offers flexibility and operational efficiency. It can be operated independently of location and hardware, providing secure access to the public cloud.

Building on the success of previous projects, the system was further developed by DAS with the involvement of air traffic controllers. It includes an electronic flight strip system to replace the paper strips previously used, tailored to the special operational requirements of air traffic controllers at airports.

‘The use of PHOENIX WebInnovation reduces the coordination effort and workload of the controllers, which significantly supports the growth and efficiency targets. In addition, the next step will be to improve data exchange between the airport and air traffic control, which will increase data quality for all parties involved and make flight operations even more reliable,’ says Ralf Schmid, Managing Director at Memmingen Airport.

‘The introduction of our cloud-based air traffic control system at a commercial airport is a significant success for DAS and the air traffic control industry,’ said Andreas Pöttsch, Managing Director at DAS. ‘With the introduction of cloud technology, we are ushering in a new era of efficiency, reliability and digitalisation in air traffic management.’



Boilerplate:

DFS Aviation Services GmbH (DAS) is a subsidiary of DFS, the German air navigation service provider (ANSP). It employs more than 400 members of staff worldwide. DAS is a certified ANSP, provides air traffic services at regional airports in Germany and markets its ATM products and services worldwide. Its customers include air navigation services providers, airport operators, airlines and aeronautical authorities from around the globe.

Through its UK subsidiary, Air Navigation Solutions Ltd. (ANSL), DAS is also responsible for the provision of air traffic control at Edinburgh. In the Middle East, the subsidiary DFS Aviation Services Bahrain Co WLL supports the local air navigation service provider. In Asia, DAS maintains a branch in Singapore. In South America, DAS has a branch office in Lima. DFS Aviation Services additionally offers turnkey remote tower solutions via its Joint Venture Frequentis DFS Aerosense GmbH, together with Frequentis AG from Vienna.

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