



## MEDIA INFORMATION

Vienna, November 2018

### **Longstanding cooperation with EUROCONTROL: T-Systems and Frequentis celebrate 10<sup>th</sup> anniversary**

- **T-Systems has been hosting the European Aeronautical Information Services Database (EAD) since 2008**
- **Private cloud ensures highest data availability and security**
- **EAD offers worldwide aeronautical information in real-time to more than 70,000 users**

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The security of IT systems is a central issue, particularly in the field of flight planning. Since summer 2008, T-Systems has been hosting the European Aeronautical Information Services Database (EAD), developed and implemented by Frequentis, in two determined data processing centres of T-Systems and another one of Frequentis. EAD is currently offering worldwide aeronautical information in real-time to 53 states and more than 70,000 users, passing the information on to airlines and private pilots.

As an international supplier of communication and information systems for control centres with safety-critical tasks in the business segments Air Traffic Management and Public Safety & Transport, Frequentis delivers EAD's core application and is responsible for the overall technical operations commissioned by EUROCONTROL. The service includes the maintenance, correction, and validation of the data by aeronautical data experts of European Air Navigation Service Providers and EUROCONTROL.

Peter Matern, Head of European AIM Unit at EUROCONTROL stated; *“Thanks to an excellent cooperation and support of our long-term industry partners, T-Systems and Frequentis, the European AIS Database (EAD) is now the worldwide reference baseline for quality assured and fully integrated Aeronautical Information Management Data, used not only by Aeronautical Information Service Providers (AISPs), but also by many airspace users worldwide”.*



Dirk Withake, Vice President Aeronautical Information Management at Frequentis, said: *„Data security and availability is of particular importance in the field of air traffic. In 2008, Frequentis therefore placed special emphasis on finding a reliable partner – we are happy about the longstanding and good cooperation.“*

Peter Lenz, Managing Director at T-Systems Austria, stated: *„By operating the IT system around the clock, we significantly contribute to an increased security and a smooth flow of air traffic within Europe and Canada.“*

### **Private cloud with data about runways, flight of birds, or closed runways**

Each airline and private pilot is provided with static and dynamic data. For each flight, a multitude of data is processed in real-time. Static data include information on airports, runways, flight routes, or beacons. Dynamic data, on the other hand, provide information on current obstacles, closure of airspace by manoeuvres, flight of birds, failures of navigational aids, closed runways, but also temporary incidents such as volcanic activities. These so-called Aeronautical Information Services Data are used for flight planning or the creation of aeronautical maps. The flight planning processing is then handled via the respective system of the national Air Navigation Service Providers and provides information on routes, changes due to air traffic, or on airplanes which are taking off or landing.

### **Redundant data processing centres ensure secure operation of IT systems**

With an availability and a reliability of 99,9 %, the Tier 3+ data processing centre of T-Systems guarantees the security and availability of the data in the determined private cloud. The highly available database is mirrored in two data processing centres of T-Systems and another one of Frequentis. In case of an error, the entire IT system will be switched over to the respective other data centre to avoid data loss.

### **About T-Systems**

As a global leader among ICT service providers, T-Systems offers business customers integrated solutions for fixed and mobile networks, highly secure data centers, and a unique cloud ecosystem made up of standardized platforms and global partnerships. The portfolio includes not only classic ICT, but above all digital transformation services, and appropriate infrastructure, platforms, and software from the cloud, as well as crucial future areas such as big data, the Internet of Things, M2M, and Industry 4.0 – always based on maximum ICT security. [www.t-systems.at](http://www.t-systems.at)



### **About Frequentis AG**

Frequentis is an international supplier of communication and information systems for control centres with safety-critical tasks. These control centre solutions are developed and distributed by Frequentis in the business segments Air Traffic Management (civil and military air traffic control, and air defence) and Public Safety & Transport (police, fire and rescue services, emergency medical services, vessel traffic and railways). Frequentis maintains a worldwide network of subsidiaries and local representatives in more than fifty countries. The company's products and solutions are behind more than 25,000 operator positions in almost 140 countries. With this extensive portfolio, Frequentis is the leading provider of voice communication systems... all making our world a safer place every day! For more information, please visit [www.frequentis.com](http://www.frequentis.com)

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