

Vienna, June 2015

DFS Selects FREQUENTIS smartVISION Solution to Implement an Revolutionary Remote Tower System at Three Airports across Germany

After an intense tender phase including several field tests, the German air navigation service provider, DFS Deutsche Flugsicherung, has chosen Frequentis to equip Saarbrücken Airport with its innovative remote tower solution. The go-live is planned for 2017, with the airports in Erfurt and Dresden to follow. All three airports will be operated remotely from a remote tower centre located at Leipzig Tower.

The use of remote towers is one of the major trends in the global Air Traffic Management (ATM) industry. Airlines are demanding efficiency gains in the ATM system, forcing Air Navigation Service Providers (ANSPs) and airport operators to rethink the way they operate Air Traffic Control today. Since smartVISION's launch at the World ATM Congress in Madrid two years ago, the solution has aroused great interest within the industry. Its first successful civilian and military trials were conducted at Dresden Airport, Germany, as well as at Hinterstoisser Air Base in Zeltweg, Austria. Now DFS has contracted the Frequentis experts with the design and implementation of this remote tower solution.

Alexander Koch, Director Tower at DFS, is satisfied with the decision: "For DFS the integration of the three Tower units at the airports in Saarbrücken, Erfurt and Dresden into the Remote Tower Centre in Leipzig means a step ahead in implementing new technologies set to boost our efficiency. Frequentis, a company with a sound track record in delivering large-scale ATM projects, had submitted a proposal, which was considered superior to submissions from all other contenders. We associate the Frequentis brand with outstanding innovation and the highest quality and reliability."

Hannu Juurakko, Vice President Air Traffic Management Civil at Frequentis, proudly announces: "This contract award underpins our excellent performance. We are thrilled to support DFS in bringing advanced RTC technology to bear in the German airspace system."

smartVISION – jointly developed by Frequentis and Rheinmetall Defence Electronics GmbH – offers a completely new approach to remote towers, based on visualisation with advanced thermal infrared camera technology and video-based surveillance and tracking functionality. The solution successfully combines Frequentis's expertise and technology leadership in ATM with the electro-optical and image processing know-how of Rheinmetall Defence Electronics GmbH to provide a mature and proven product baseline for this solution. The solution provides the controller an enhanced view of the airfield and terminal area, and can augment this with other relevant data, such as weather and support information. smartVISION can be used in various application scenarios, such as tower view enhancements, contingency solutions, remote tower deployments, and airfield security operations.

About DFS Deutsche Flugsicherung GmbH,

DFS Deutsche Flugsicherung GmbH, the German air navigation service provider, is a State-owned company under private law with 5,881 employees as at 31 December 2014. DFS ensures the safe and punctual flow of air traffic over Germany. Around 2,000 air traffic controllers guide up to 10,000 flights in German airspace every day, and about three million movements every year. This makes Germany the country with the highest traffic volume in Europe. The company operates control centres in Langen, Bremen, Karlsruhe and Munich as well as 16 control towers at international airports in Germany. In addition, DFS is represented at the EUROCONTROL Control Centre in Maastricht, the Netherlands.

About Rheinmetall Defence Electronics GmbH

Rheinmetall – The technology group for security and mobility

Part of the globe-spanning Rheinmetall Group – also a major supplier of automotive components – Rheinmetall Defence has long been a prominent member of the international defence and security industry. Rheinmetall Defence Electronics GmbH (RDE), as part of Rheinmetall Electronic Solutions, has decades of experience in researching, developing and manufacturing intelligence, surveillance, reconnaissance, training and simulation systems.

The Product Group Public Security of Rheinmetall designs solutions for various applications in the area of Border security and Critical infrastructure protection. In close cooperation with customers, Rheinmetall Defence Electronics GmbH offers a variety of customer-oriented solutions, including state-of-the-art sensors, software applications, and subsystems, as well as commercial products to complete networked systems of systems. Customers in more than thirty countries rely on technology from RDE. The company is involved in numerous international customer projects, and is cooperating with many companies around the globe.

Rheinmetall Defence Electronics GmbH

Brüggeweg 54
28309 Bremen, Germany
info-rde@rheinmetall.com

About FREQUENTIS

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, offices and local representatives in more than 50 countries. The company's products and solutions are behind more than 25,000 operator positions in over 115 countries. Using the whole bandwidth of 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

Julia Jene, Consultant Corporate Communications, Frequentis AG,
julia.jene@frequentis.com, phone: +43 1 81150-1435

