

vitalsphere launch at the 2016 World ATM Congress:

A new generation of ATM-grade network performance is born

The new Frequentis solution, vitalsphere, launches today at the 2016 World ATM Congress in Madrid. A new generation of ATM-grade network performance is born to support on-going changes in air traffic control such as remote towers and the virtualisation of control centres. With exceptional end-to-end performance, vitalsphere helps to maintain the highest level of safety while scaling capacity and improving cost competitiveness.

Safety-critical applications require a dedicated solution and the launch of vitalsphere fulfils this need. It is crucial to act before a link black-out. With real-time information of actual network performance, the new Frequentis solution makes it possible to re-route safety-critical communication flows before the link fails. To improve service availability vitalsphere enables deterministic communication flows allowing for end-to-end path diversity for selected communication flows, e.g. by separating main and standby communication flows. Vitalsphere is a hybrid (terrestrial-satellite) network solution.

“A hybrid network has to solve many challenges, a conventional network can’t fulfil: Different network delays, varying jitter, supported routing protocols and failover behaviour. vitalsphere provides an application-aware routing of communications, enables end-to-end path diversity and allows ANSPs to act before failure”, Stefan Galler, Product Manager for ATM networks at Frequentis.

vitalsphere combines three central performance elements:

- **Intelligent routing & control** matching real-time network performance and application needs.
- **Situational awareness** through vendor neutral end-to-end monitoring of applications and networks.
- **Scalable networks** through integration of diverse technologies from multiple vendors.

The launch of vitalsphere in Madrid welcomes a new generation of ATM-grade network performance – for a safer world. Frequentis’ ATM-grade network solutions build its experience connecting 33 % of the world’s surface. Through partnering with technology and service providers as well as with local system integrators Frequentis plans to further expand its market share.

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 and local representatives in more than 50 countries. The company's products and solutions are behind more than 25,000 operator positions in over 120 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

Alexa Billensteiner, Influencer Marketing Expert, Frequentis AG,
alexa.billensteiner@frequentis.com, phone: +43 1 81150-1437

