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New partnership and success at WAC, Madrid

HungaroControl's pioneer Remote Tower concept with its advanced implementation plan achieved massive interest

A trilateral collaboration between HungaroControl, Thales and Searidge was formed at the World ATM Congress (WAC) which is based upon a shared, compelling vision for a robust and flexible remote tower solution. HungaroControl's participation at WAC held in Madrid from 8-10 March was a definite success especially remote tower concept presented by Gyula Hangyál, ATM director. The company aims to operate a remote contingency tower in Budapest in 2017 and a full-time remote tower as of 2018. The Budapest airport will be the world's first remotely controlled airport of its size and complexity, with nearly 100,000 movements per year.

HungaroControl's simulation centre (CRDS) suitable for the validation of new technologies: the Free Route Airspace, CPDLC, PBN, the MergeStrip tool met with considerable interest from the professional audience.

New partnerships

At the exhibition HungaroControl signed a partnership agreement with Thales for near-term opportunities as well as collaborative development of more sophisticated remote tower solution. Thales also signed a partnership agreement with Searidge, so a trilateral collaboration has been formed which is based upon a shared, compelling vision for robust and flexible remote tower operations that can be implemented quickly and cost effectively. *"The development and deployment of remote towers is yet another way HungaroControl will deliver benefits to its users. Partnering with Thales and Searidge accelerates these benefits for Hungarian airspace users and allows us to share our expertise with other ANSPs."* – said Dezső Dudás, Head of Strategy and Project Management, HungaroControl. The Hungarian ANSP as an innovative air navigation service provider is a forerunner in developing and implementing a new value-generating operational concepts. Thales brings its portfolio of air traffic management technologies and system integration expertise to this partnership, while Searidge Technologies, a leader in intelligent video solutions for safe and efficient airport operations, brings advanced technology and experience relevant to the remote tower application.

Nearly all innovations of HungaroControl, Free Route Airspace, simulation-based solutions, CPDLC and MergeStrip presented at the exhibition met with extensive interest from industrial suppliers. For four years HungaroControl puts great emphasis on presenting its innovative air traffic management solutions, research and development results as well as the services of CRDS (its Centre of Research, Development and Simulation) to the players of the aviation industry. Central Europe's largest ATC simulation facility, CRDS not only supports HungaroControl but also offers validation-based solutions to other ANSPs. With the help of fast-time and real-time simulations, CRDS' validation methodology helps maximise benefits in terms of capacity, efficiency and the environment – and minimise safety-related risks.

About HungaroControl

Due to its state-of-the-art technology and developments and services, HungaroControl Magyar Légiforgalmi Szolgálat Zrt is one of the renowned service providers in international aviation, and an active regional initiator and co-operating partner of the European Union's integration efforts under the Single European Sky.

According to EUROCONTROL's statistical data and forecasts, the number of flights in Europe is 10 million per annum, and in the next 20 years this figure may even double. During the past few years HungaroControl has launched several significant projects to improve its air navigation services, guarantee the safe management of the increasing air traffic, and promote the imminent success of the integration undertaken by the European Union.

Due to its continuous innovation and the application of the results of its research and development, HungaroControl has an outstanding role in Europe in flight safety improvements, capacity increases, reduction of airline costs and increased environmental protection. As a result of combined efforts and on commission from NATO, since 3 April 2014, HungaroControl has been managing civilian air traffic overflights in the upper airspace over Kosovo. In February 2015 HungaroControl was the first to adopt Free Route Airspace use without any limitations in Hungary's entire airspace, well before the deadline (1 January 2022) set by the European Commission.

In addition to improving its traditional air navigation services and technical and technological background, one of HungaroControl's strategic objectives is the establishment of a regional, Central European air navigation knowledge centre in joint effort with its partners.

The purpose of HungaroControl's capital investment projects is to enable the Central European Functional Airspace Block (FAB CE), a regional co-operation of seven Central European countries, to provide competitive services and operate at the highest technical and technological standard.

Further information, please contact:

Katalin Szőke

Spokesperson, Senior Communication Manager HungaroControl Zrt.

E-mail: katalin.j.szoke@hungarocontrol.hu

Phone: [+36-1-293-4034](tel:+36-1-293-4034)