Adacel's Aurora ATM System Integrates Aireon's Space-Based ADS-B Data

Orlando, Florida, March 05, 2019 – During World ATM Congress 2019, Adacel will showcase the company's latest advancements with its Aurora ATM System, which now incorporates Aireon's space-based Automatic Dependent Surveillance (ADS-B) Air Traffic Services (ATS) surveillance data.

Originally developed for oceanic Air Traffic Management (ATM), Adacel's Aurora system has evolved into a cost-efficient solution for en route, approach and tower control, and is well-suited for smaller countries and island nations. The system incorporates the latest in Communication, Navigation and Surveillance (CNS)/ATM technologies, including space-based ADS-B ATS surveillance data provided by Aireon.

"Following an agreement signed with Aireon in April 2018, Adacel has successfully integrated and demonstrated Aireon's space-based ADS-B data to various ANSPs worldwide," says Brian Hennessey, Adacel's V.P. of Business Development & Strategic Innovation. "Adacel's Aurora ATM systems are used to control more than 21 percent of the world's airspace, and the global surveillance capability provided by Aireon's space-based ADS-B will provide real benefits to airspace users," continues Hennessy.

Adacel's Aurora system is a global system, scalable and configurable to meet present and future requirements. Aurora automation technology is currently in operational use in airspaces controlled by Fiji, France, Iceland, New Zealand, Norway, Portugal and the United States.

World ATM Congress 2019 will take place from 12-14 March 2019 at IFEMA, Feria de Madrid, Spain. To see a demonstration of the Aurora system, please visit Adacel's booth #598.

About Adacel

Adacel applies the knowledge of our customers and the expertise of our team with cutting-edge technologies to be the company of choice for advanced air traffic management systems, speech recognition applications and simulation and training solutions for air traffic control and other public safety domains. Adacel has pioneered the integration of speech recognition into simulation products and operational systems and holds a number of patents on applications to optimize speech processing. The company has built a strong international reputation for its products and services through commitment to technological leadership and customer support. We understand the importance of our products and the direct impact their use has on public safety. These responsibilities are reflected in the quality of everything we do. Adacel: Everyday Excellence. For more information please visit www.adacel.com.

About Aireon

Aireon is deploying a space-based air traffic surveillance system for Automatic Dependent Surveillance-Broadcast (ADS-B) equipped aircraft throughout the entire globe. Aireon will harness next-generation aviation surveillance technologies that are currently ground-based and, for the first time ever, extend their reach globally to significantly improve efficiency, enhance safety, reduce emissions and provide cost savings benefits to all stakeholders. Real-time ADS-B surveillance will cover oceanic, polar and remote regions, as well as augment existing ground-based systems that are limited to terrestrial airspace. In partnership with leading ANSPs from around the world, like NAV CANADA, the Irish Aviation Authority (IAA), Enav, NATS and Naviair, as well as Iridium Communications, Aireon will provide a global, real-time, space-based air traffic surveillance system to all aviation stakeholders. For more information, please visit www.aireon.com

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