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Civil Aviation Authority of the Philippines joins Europe on AIS

In February 2009, CAAP (Civil Aviation Authority of the Philippines) awarded a contract that would allow it to get connected to the European AIS Database EAD using the Frequentis FR-AIS technology.

The EAD service, established by 38 EUROCONTROL member states is operational since 2003 and is recently joined by more and more non European states. The contract award means that by May 2009 CAAP will be participating in one of the most advanced AIS solutions currently available in the world.

The procured FR-AIS system brings together a number of components selected on a “best of kind” basis to form the integrated system. However, the biggest advantage of the EAD service based on FR-AIS is without doubt the combination of a single database entity, the highly advantaged data verification and validation facilities, and the idea of real-time information sharing between ANSP’s, which result in:

- **Higher Data Quality:**

The FR-AIS solution is a fully integrated system with many mature checking mechanisms in place. Additionally manual data quality checks are done on all EAD data.

- **Improved Safety:**

A safety cases developed by EUROCONTROL based on the FR-AIS solution has scored higher than traditional AIS systems, meaning that the improved quality and availability of AIS information has positive effects on safety.

- **Increased Standardization:**

As required by its existing large customer base, EUROCONTROL ensures compliance with all relevant aeronautical standards (AIXM, ICAO etc.). EAD and FR-AIS is also committed to the AIXM standard and is regarded as an “official” reference implementation of AIXM since its beginning.

- **More Cost Savings:**

The current EAD service has proven to offer operational cost savings of more than 20 Mio Euro through data sharing as well as by utilizing the concept of a shared development and maintenance facility between EUROCONTROL members states. And as a real COTS system, there are no implementation risks as the mature functionality of the FR-AIS system is already used by many ANSPs.

- **Continuous Improvements and Enhancements:**

New functionalities and standards are continuously implemented according to a roadmap and without additional costs for member countries with a valid maintenance agreement. Changes to the FR-AIS system are harmonized over all FR-AIS installations (including EAD itself) in order to ensure that all clients can take advantage of AIM and AIS best practices suggested by other clients.

- **Highly Stable System:**

since its start of development in 2000 and going live in 2003, FR-AIS proved to be stable and was chosen as AIS solution by all EUROCONTROL member states

- **Pricing:**

The pricing structure of FR-AIS follows the modular nature of an advanced AIS system, enabling users to procure only those parts or modules needed for their operation, while at the same time being able to add system components at any time if the need arises.

Under the new contract, CAAP will be able to connect on a 24/7 basis online to all EAD services.

CAAP will actively participate in EAD by providing AIS information to all participants. Using a highly advanced system of data validation, CAAP will be capable of adding and editing NOTAM's, AIP's, Charts, and any other static data of the Philippines and make such accessible to all other EAD member countries.

The project itself is primed by the Philippine company IESRI who will handle the integration of all AIS components as well as various after-sales and support services.

For more background information about Frequentis please see www.frequentis.com