

by Atech

# Makron

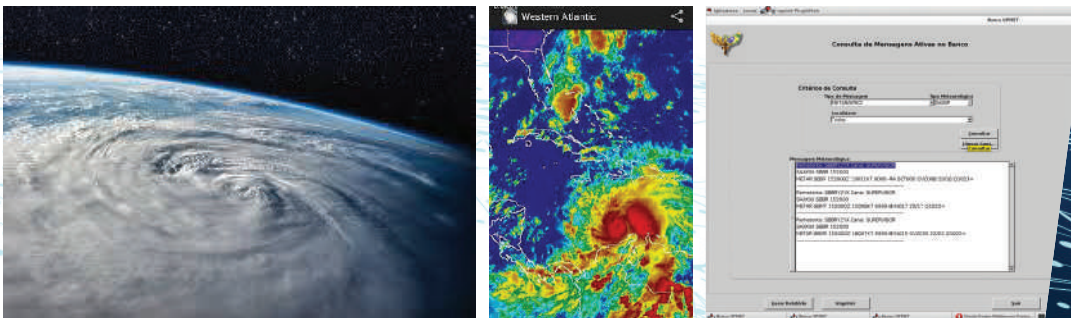
AIR TRAFFIC MANAGEMENT

OPMET  
AURA

## UP TO DATE METEOROLOGICAL INFORMATION FOR A SAFE FLIGHT PLANNING

Makron OPMET – Aura system is a repository of meteorological information database, in which multiple agents (airports, aircraft in flight and others) periodically report the meteorological conditions of a given area. This information is available for consultation to all the agents involved in the air transport, and it is an essential resource to ensure flight safety.

Developed by Atech, an Embraer Group company, Aura is part of Makron, a set of robust, secure and consistent ATM systems, created by bringing together decades of expertise developing high technology solutions supporting decision-making processes.



GRUPO EMBRAER

## VALUABLE INFORMATION TO SAFE AND EFFICIENT FLIGHT PLANS

Aura system is a modern solution that allows any ANSP to exchange up to date meteorological information, sharing data in digital XML format, according to the SWIM (System Wide Information Management) model, using the IWXXM protocol (ICAO Meteorological Information Exchange Model), expected to operate worldwide in 2020.

Aura also provides a climatological database, storing up to 20 years of meteorological information and generating online statistic reports.

## EASY AND SAFE SHARING OF METEOROLOGICAL INFORMATION

Aura is a repository of meteorological information database that allows you to exchange and storage meteorological information automatically, also providing up to date access to all organizations and individuals involved in air transportation.

Any ANSP using Aura can ensure better quality and availability of meteorological information, which is essential during flights and preparation phases. Aura database solution also includes several advanced features and reports. It can be accessed remotely via web services.

The architecture of the OPMET Aura product relies on an integrated platform that includes a high availability hardware infrastructure and dedicated application software developed by Atech, increasing the quality and availability of the meteorological service.