

by Atech

Makron

AIR TRAFFIC MANAGEMENT

SWIM
AQUILA

SHARING DATA WORLDWIDE, HARMONIZING AIR NAVIGATION SERVICES

Makron SWIM – AQUILA is a real-time data sharing platform for Air Traffic Management information, developed by Atech, an Embraer Group Company. It is an interoperability solution for ATM Systems worldwide which shares real-time flight plans data, aeronautical and meteorological information, in compliance with international standards based on SWIM (System Wide Information Management) concepts.

AQUILA is part of Makron, a complete set of ATM solutions developed by Atech, an Embraer Group Company with decades of expertise developing high technology solutions supporting decision-making processes and optimizing the air traffic segment in Brazil.



GRUPO EMBRAER

SHARE INFORMATION WITH AIR NAVIGATION SERVICES ALL AROUND THE WORLD

Optimizing the process of sharing air traffic data has always been a constant goal to allow you best integration in air traffic services. In order to achieve it, Atech developed SWIM, a platform for data sharing using information models based on XML standards.

THE NUMBER ONE SOURCE OF DATA

In addition to supporting a great number of interoperability standards, the Atech SWIM platform was also chosen by DECEA (Air Space Control Department) to support flight information sharing between EUROCONTROL and Brazil.

TECHNICAL DESCRIPTION

Web interface; Support to AIXM, FIXM and WXXM.

