

by Atech

# Makron

AIR TRAFFIC MANAGEMENT

IFPS  
LEO

## THE RIGHT WAY TO START YOUR FLIGHT PLAN STARTS HERE

The IFPS LEO receives flight plans and associated messages, processing them semantically and syntactically. It manages the approval of each message in all the stages and share them with all stakeholders. Besides, LEO validates ATS messages according to ICAO (International Civil Aviation Organization) rules, calculating 4D profiles and distributing flight plans and associated messages to all stakeholders at the proper time.

Developed by Atech, an Embraer Group Company, LEO is part of Makron, a complete set of ATM solutions that brings together decades of expertise developing high technology solutions supporting decision-making processes.



GRUPO EMBRAER

## THE SIMPLEST WAY TO RECEIVE, PROCESS AND DISTRIBUTE YOUR FLIGHT PLANS

LEO can receive flight plans and associated messages via several interfaces, such as mobile apps, webpages, AMHS and AFTN. All flight information is validated according to an operational airspace database periodically to ensure compliance with any reconfiguration out of the AIRAC cycles.

It also identifies all AFTN addresses based on the flight plan's route and accepts every new extra address informed by the originator. The users can add or remove addresses every time they need it. It also supports the reception of RPL and instantiate them at the proper time.

LEO is a web-based application, not requiring any desktop installation or configuration procedures. It can be supplied as a turnkey solution or as service, reducing the deploying time and operational and maintenance costs.

## TECHNICAL DESCRIPTION

Web interface; Reception and transmission of ATS messages through AHMS, AFTN, Internet and Makron eFPL (Atech's mobile app for submission of FPL and associated messages). Reception of RPLs by importing text files; Automatic distribution of RPLs at the proper time; 4D profile visualization; Route visualization; FPL and associated messages lifecycle visualization; Customizable validation rules;