



# ICAO

International Civil Aviation Organization  
North American, Central American and Caribbean Office

INFORMATION PAPER

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**Sixth North American, Central American and Caribbean Working Group (NACC/WG) Aeronautical Information Management Implementation Task Force Meeting  
(AIM/TF/6)**

Mexico City, Mexico, and on-line, 21 – 24 August 2023

**Agenda Item 8: AIM Collaborative Plan and Monitoring Website: Review of Draft Information from States**

**AIM TRACKING WEBSITE STATUS**

(Presented by the Secretariat)

**EXECUTIVE SUMMARY**

This Informative Note presents the status of the website development project to monitor the progress of the transition from the Aeronautical Information Service (AIS) to Aeronautical Information Management (AIM), indicating the progress in the implementation of each of the 21 steps considered in a roadmap for the transition of CAR States.

*Strategic Objectives:*

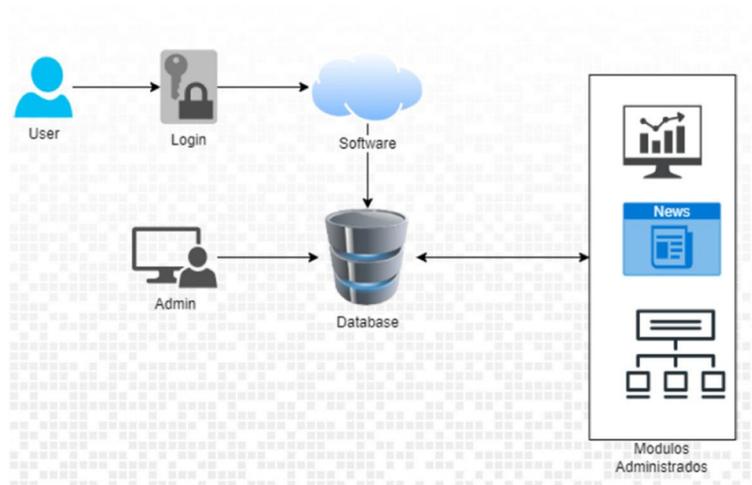
- Strategic Objective 1 – Safety
- Strategic Objective 2 – Air Navigation Capacity and Efficiency

**1. Introduction**

**1.1 Objectives and technical characteristics:**

- The software will be developed with **Open-Source** technology, aligned to development standards with **SOLID** principles that help in future integrations and scalability of the final product.
- It must be available on a WEB platform, centralized on a server, which allows user connectivity through a WEB interface.
- In the design part, prototypes (Layout) will be developed with the **Figma** online tool, prior authorization of the designs by the ICAO project coordinators.
- For development, the **PHP** programming language will be used with the Laravel Framework and **MySQL** database.
- The website interface must be in Spanish and English.

**1.2 Generic Design (provided for guidance only)**



## 2. Analysis

2.1 The NACC Regional Office will designate a focal point to provide all the information required to the service provider to develop the application and will carry out regular reviews during the progress to ensure that the contents are in order and the requirements are met and it is developed using the determined pre-established modules. in the bid proposal for a development provider, since funds had been approved for such a project.

2.2 We recently received at the NACC Office representatives of the Headquarters (HQ) of the Area Navigation Bureau, for the preparation of an analysis for the improvement of the NACC dashboards and we were asked to reconsider the development of our AIM CAR monitoring Website. This is due to the possibility of being developed by the Area in charge at Headquarters.

2.3 You are informed that you have asked Headquarters ICT to confirm and verify if their [iSTARS 4.0](#) server is compatible with the technology of the proposed AIM CAR Tracking Website project.

2.4 In this regard, we were informed that for hosting the system they use IIS on Windows servers, for DBSQL and for languages that use central technologies. According to your advice, it will be good to suspend the tender.

2.5 The reason for this is that the requirement is for a different technology that is not compatible with the enterprise technology at Headquarters. Soon they will propose an architecture with technology compatible with HQ Enterprise. In this way they could update the bidding requirements and have a sustainable product. Currently, the technology described in the ToR of the project cannot be hosted on the [NACC](#) website or on [istars.icao.int](#) or on [icao.int](#).