ISHIR enhances portal to manage aircrafts for Aircraft Maintenance Management Company

Client

The client has a portal from where Aircrafts owners can manage the logs of their aircrafts and keep a record of service and maintenance period so that they do not miss anything related to the parts replacement and regular services.

Challenges

The client provides its users with a login that opens a gateway to the application where users can have online access to the logbook entry details, yellow tags, 8130s and other release documents. The portal also allows the aircraft owners to enter the details of their aircrafts while adding them to the portal.

The portal was developed in classic ASP and the client wanted to continue with the same technology as they had inhouse experts in the same technology. The client used SQL Server as database.

Solution

The client sought ISHIR’s help to add new functionalities in the portal such as addition of more details related to aircraft at the time of adding it and maintaining its history. These include details such as work performed on the aircraft, date on which the work performed was completed, the total time in service of the airframe, each engine, each propeller, and each rotor, status of life limited parts of each airframe, engine, propeller, rotor, and appliance, the time since last overhaul of all items installed on the aircraft which are required to be overhauled on a specified time basis, inspection status of the aircraft, including the time since the last inspection required by the inspection program under which the aircraft and its appliances are maintained, status of applicable airworthiness directives (AD) and other such details.

ISHIR’s team was responsible for other functionalities like subscription module, payment gateway and admin console changes.

Below are some of the enhanced screenshots from the portal.