

## SaaS Product For Aircraft Industry

### Our Client :

Client is an owner of a well renowned Aviation company, who wants to build an application to manage Aircraft Operators details, Quote request from Aircraft operators, Aircraft management and schedule the Flight timing in job calendar.

The application we developed is useful for the client to use it as Software-as-a-Service (SaaS) product for the aircraft industry. We have implemented white labeled concept for using this application by the other companies (managing their own customers using this application).

### Challenges :

A product is combination of sub-domain creation with individual database, get emails in system, and populate dynamic data on google map and dynamic template creation for quote. The product have many challenges like :

- ~ Get the emails in the system from different mail clients/ mail sources.
- ~ If any user buy product then dynamically create a sub-domain with individual database in system.
- ~ Dynamically populate data on Google map for different locations.
- ~ Provide quote form in iframe to different users and save data for quote.

### Our Solution :

Yashco provide a best solution for the aircraft product. Yashco implements different libraries and make code on it's best level for product. The major part of solution is based on below components:

Imap integration, Sub-domain creation, Google map integration, Dynamic template creation, Iframe for different websites.

**IMAP** : The easiest way to understand how IMAP works is by thinking of it as an intermediary between your email client and your email server. Servers are always used IMAP for sending and receiving email messages.

**Sub-domain creation** : Sub-domains are extensions of your domain name that you can forward to URLs or point to IP addresses and directories within your hosting account.

**Dynamic template creation** : Dynamic templates allow you to define custom mappings that can be applied to dynamically added fields.

### Benefits Delivered :

The new product is far superior in many ways like:

- ~ Database integrity to maintain large database.
- ~ Dynamically creation of job calendar.
- ~ Create dynamic template on the fly.
- ~ Use and make libraries with fully customized options.
- ~ Show the notifications after particular time interval.

### Technologies :

- ~ Codeigniter with HMVC For code integrity and separation of modules.
- ~ Amazon Hosting for good speed and security.
- ~ Bootstrap for compatible on all devices.
- ~ Imap services for emails.

#### Contact us

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