



INT.

Magma Aviation
#DigitalSuccess Stories

**Real time tracker
routing app helped
in managing the
cargo flights lot
better and improving
overall operational
efficiency**



A smart aviation route planning system allowed automatic route generation for global cargo flights. Partnering with INT, a smart system with real time rates of fuel prices, ACMI rates, currency conversion and more was developed in an agile process. .

With the new system they took a leap in the industry towards building a strong technology system and delivering on time cargos.

About The Client

Industry

Air Cargo Management Company

Headquarters

Gatwick, Sussex, United Kingdom

Website

<https://magma-aviation.com/>

Magma Aviation is a well known UK based cargo provider. They commercially and operationally manages dedicated wide-body cargo aircraft, contracted by the airline partners.

The Air Cargo Services are available 24*7, 365 days. They are well known for delivering bespoke air cargo transport solutions anywhere in the world. They fly all forms of cargo, including urgent relief aid, perishables, livestock, containers, oil and gas, and hazardous substances.

Magma aviation is a Chapman freeborn company with largest aerospace business group from Central & Eastern Europe with 83 offices and production stations providing aviation services and solution worldwide.

The Problem Statement

Magma Aviation wanted a smart web-based application with a one touch solution to the complicated routing process and optimize routing operation.

They were looking for secure and cloud-hosted route management software with customised planning, billing, transporting with a feature of real-time tracking using AWB number. They were also looking for real-time information on fuel price, currency conversion rate and ACMI to increase the profit of the company.

Addition to the aforementioned features, magma wanted an end to end freight booking system where bulk booking can be done on the spot and help the clients to avail all their services with ease.

Business Solution

Technology Stack

PHP

MySQL

JQuery

JQuery Migrate

Lightbox

prettyPhoto

INT. built the smart routing app and insured smart integration to maximise operational and cost efficiency.

INTians developed the web application by ensuring strong engineering tracking and communicating with the existing digital applications. They ensured a real time information updates with end to end freight booking, including reservation, routing, operation and price.

An overall revamp of the workflow was aimed to simplify the experience of the users and also scaling with low risk solutions.

The app also had scanning facility and airway bill control features which monitors reconciliation of shipment details at every stage to ensure nothing is ever lost among the speed.

The Impact

A smart solution with
centralized dashboard
enhanced the efficiency
of all stakeholders

INTs. solution today made a centralized and automated gateway to manage shipping and inventory processes. The problems like late shipments, stock-outs, etc. are no more the part of daily struggles.

The core backend tasks such as Consignment booking, Real-time tracking, Routing & tracking shipments, invoicing etc. can now be performed through single software.

Agile team of INT. overcame the challenges of data transparency, operational efficiency, revenue leakage and transformed it into growth opportunities Thus, driving profitability.

Product Images



We Deliver
#DigitalSuccess

INDIA | UK | USA | AUSTRALIA | SINGAPORE

23+
Years

750+
Professionals

11k+
Projects

6m+
Hours

We are a team of digital engineers working towards innovation, reinvention and reshaping business models. We cater to multiple enterprise clients, fast growing product companies, digital agencies operating in the domain of banking, insurance, finserve, health, professional services and others in more than 45 countries.