

# IP Asset Management Solution for Legal Industry

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## Project Overview

Client is a mid-sized company based in UK providing business and data solutions to multiple sectors. In addition, client offers solutions, especially for law firms, to manage IP assets by supporting them in attaining their business goals.

The existing application, developed using Microsoft .NET and hosted on IIS Server was facing performance and scalability issues. Moreover, the application required to be integrated with Salesforce platform as few of their customers were using Salesforce. To enhance the performance of the application and integrate Salesforce, the client approached e-Zest.

## Challenge

Due to the scalability and performance issues, client envisioned to replace the existing Microsoft .NET application with a modern technology. Node.js being a fast, scalable and light weight programming language, the development team recommended replacing .NET with Node.js.

The major challenge was to replace partial components of the application with Node.js, which were built using Microsoft .NET, without affecting the services which were already running on the IIS Server.

## Solution

e-Zest evaluated and understood the specifications of their platform. By carefully assessing the web-services and the platform, e-Zest seamlessly replaced the partial Microsoft .NET components by writing services into Node.js.

A customized application test strategy was built. Initially, we tested the application using sample assets and APIs on our own environment to avoid interruption. Later, we deployed the developed Node.js application on the client's environment and provided support for end-to-end testing.

Finally, the code was deployed onto the actual environment without intruding other services running simultaneously.

e-Zest also integrated their application with Salesforce to ease the process of document management.

## *Technology Stack*

Node.js

## *Business Benefits*

After successful implementation, the client was able to upload and download the documents instantly. The improved application being scalable, saved substantial operation time and improved the functional efficiency.

## *Conclusion*

By actual mapping of requirements and exact implementation, e-Zest made sure that the other services running concurrently are not terminated. e-Zest delivered the project ahead of time which won a lot of appreciation from the client.