



Auxenta
Enhancing Technology Expertise



Assetminder 
Plan, Manage, Record, Share.

AN AWARD-WINNING CLOUD-BASED CROSS PLATFORM FLEET MANAGEMENT SYSTEM

CASE STUDY

INTRODUCTION

Assetminder is a cloud-based fleet maintenance and workshop management system that was awarded the prestigious Innovation Award at the recent 2017 Fleet Transport awards in Dublin. It was built ground up into a comprehensive platform that helps fleet maintenance and workshop planning. The previous version of the Assetminder application, known as Fleetminder, was designed and developed as a client-server application.

THE CHALLENGE

Like most client-server applications, the company had faced many operational difficulties on a daily basis such as pushing patch updates individually, attending to different client requests on a regular basis, data inconsistencies and manual data transfers from other enterprise applications such as stock, vehicle information, etc.

Therefore, the challenges were threefold;





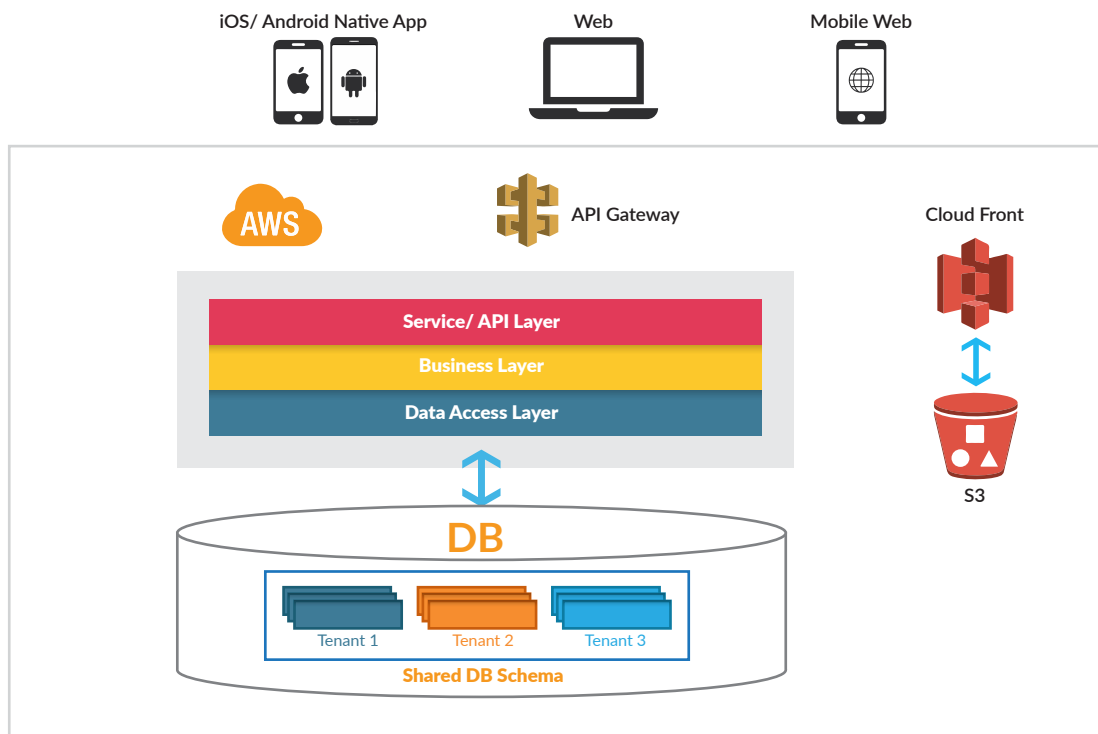
HOW AUXENTA HELPED

In order to tackle the main operational challenges, Auxenta was able to leverage cloud development capabilities which improved scalability and ease of maintaining the system. This was built ground up around the customer's requirement making it easier to plan and manage day to day fleet and workshop management activities.

Some of the main modules of the application include Incident management, event management, defect management and vendor management. Additionally, it has a comprehensive reporting module along with multi-currency and multi-language features giving it a wider geographic reach. Most of these configurations are dynamically customizable and easy to manage.

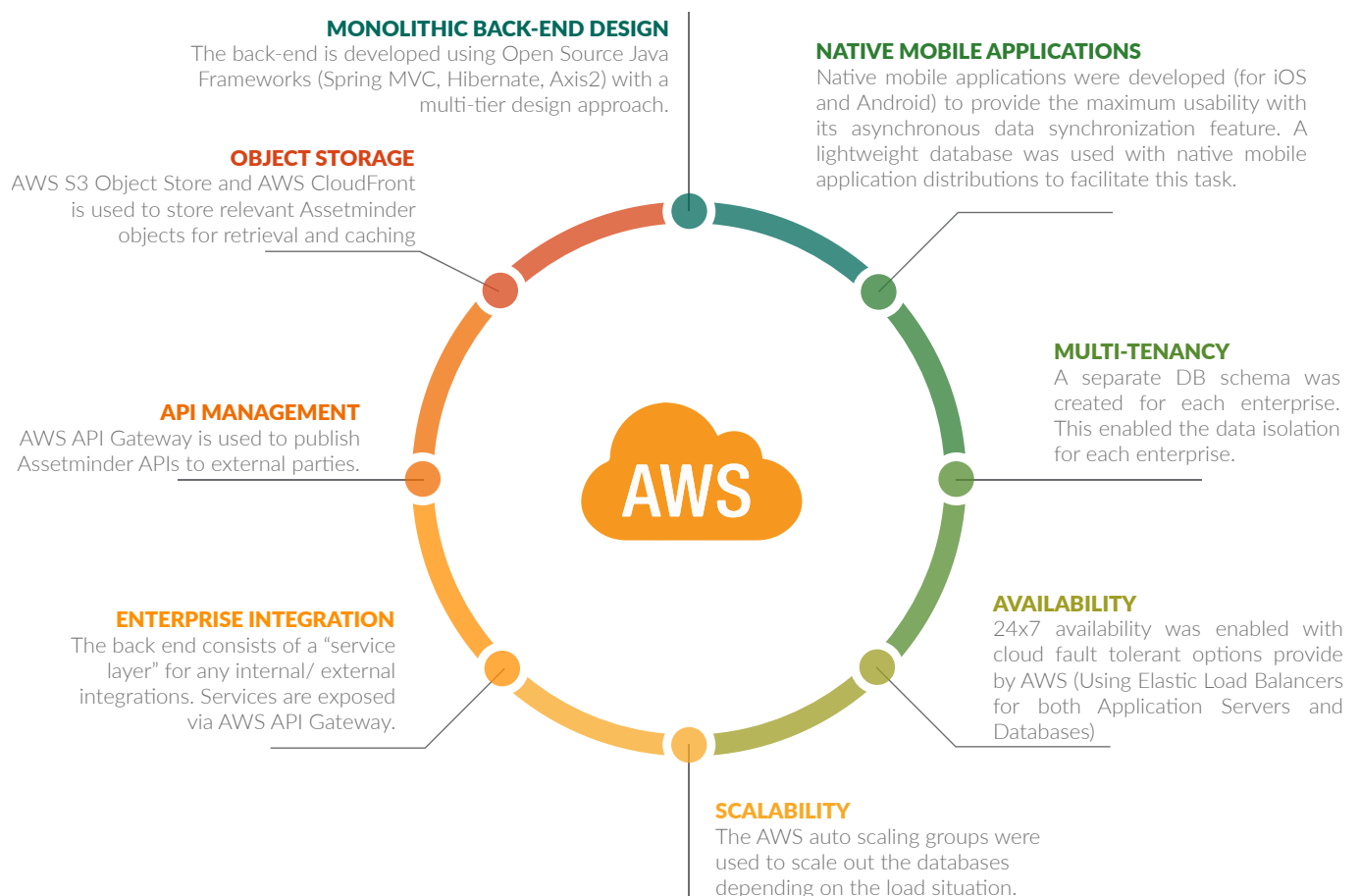
This cloud enabled (SaaS) enterprise application was also supported on both web and mobile. The native mobile applications provide real-time and off-line working modes enabling users to work with or without a data connection.

THE SOLUTION

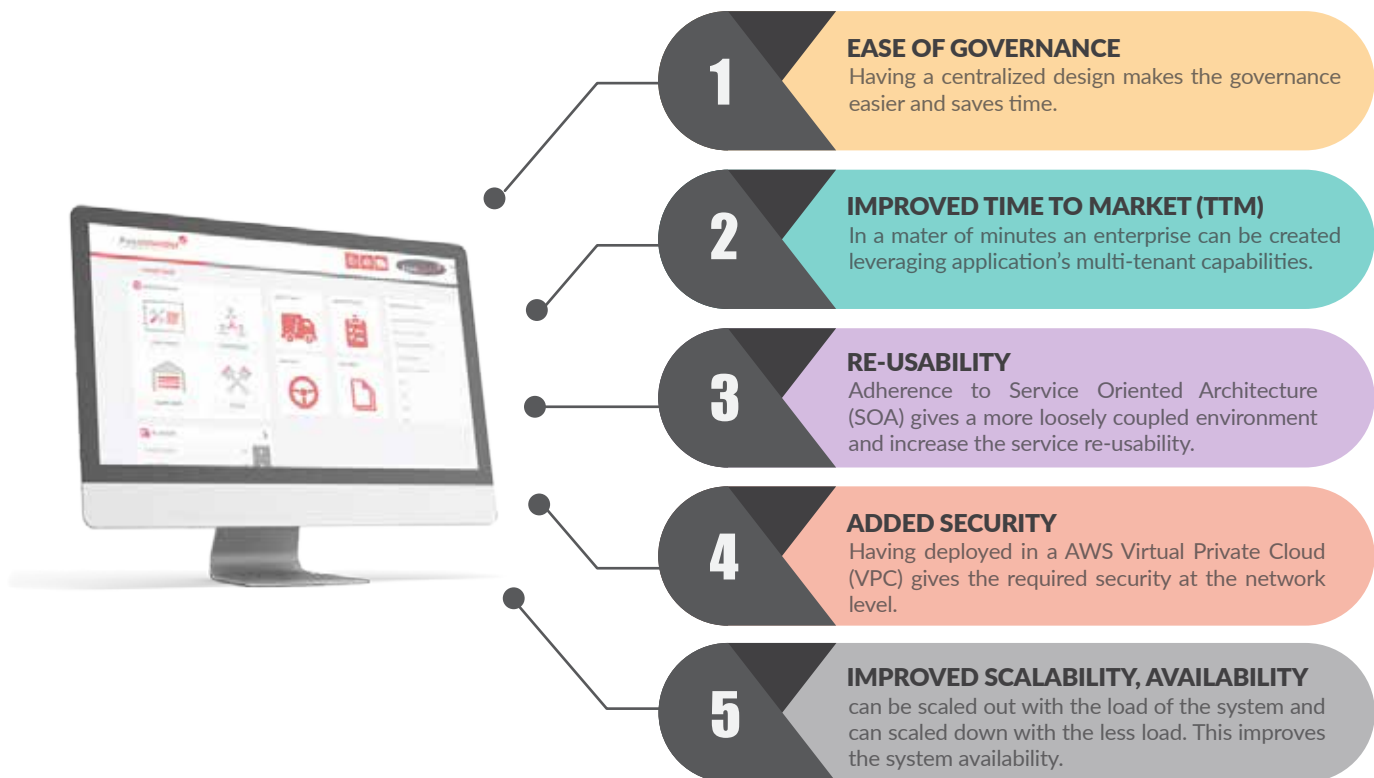


The Solution Architecture

The overall architecture (see figure 1) has the following features.



BENEFITS TO CLIENT



Testimonials

“

We embarked on the design and development of our new Cloud-based enterprise-level SaaS product, Assetminder. While we had a very successful legacy product, we needed to start again so as to leverage everything that was possible with new Cloud and mobile technologies. This was a very challenging project, demanding people with skills at the very top of their profession and from the first day, the correctness of our decision in choosing Auxenta was been validated over and over again

----- Gerard Bennett, CTO, Assetminder ”

THE FUTURE DIRECTION

The solution architecture can be further refined with the advent of container architectures and micro-services design. This will further improve the system agility and scalability, to comply with the latest technology trends.



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