XENPLAN

GALVANIZE

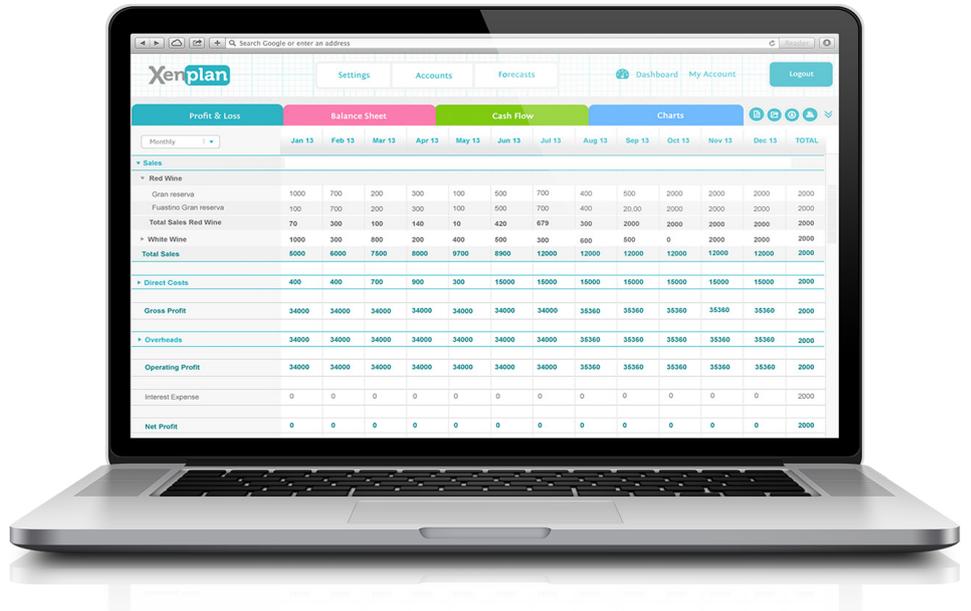DIGITAL**SOLUTIONS**

XENPLAN

The Client

Xenplan are a provider of software applications that allow customers to produce financial forecasts and reports using historical data and assumptions to predict the future financial performance of their business.

Problem/Opportunity

Xenplan wished to create a next generation financial application that received live business data from cloud based financial and crm systems, allowing the user to create detailed financial reports in the browser on any platform with all the speed and ease of use normally associated with a desktop application. The User Interface of the Application had to look fantastic, comparable with the best of recent software as a service applications and had to provide sub 500 millisecond response times to users editing data in real time all over the world. Further the application had to scale seamlessly, dealing with organic or exponential growth in users without disrupting the users experience.

The Solution

Galvanize approached the challenge by choosing to focus on a lightweight in browser javascript application, coupled with a serverside calculation engine hosted in the Amazon cloud. This approach enabled the User experience designers to access the full control afforded by CSS3 and HTML5 while letting the users browsers deal with the processing overhead of marshalling the data and formatting the reports and charts. The .NET calculation engine on the server is accessed by the browser over a webservice, this separation of responsibilities allows the server to reach lightning fast sub 500ms response times, performing calculations and storing the data in NoSQL storage provided by Amazon. Amazons cloud based infrastructure provides a robust, resilient and scaleable solution that can scale to support an unlimited number of concurrent users at a known cost per user per month.

Galvanize provide a full lifecycle solution; they have guided us from the moment we started envisaging our product and are now managing the performance and provisioning of our live service and the delivery of our development roadmap. Their emphasis on user experience coupled with their ability to deliver at each layer in the technology stack have enabled Xenplan to deliver a service that we believe is a significant participant in the evolution of financial software to the cloud.

Sarah Davidson

SERVICES

DIGITAL STRATEGY

IMPLEMENT & MANAGE

BUILD & INTEGRATE

TECHNOLOGY