



Company Name: The ASG Group .

Funding: Enterprise Ireland Innovation Voucher 5,000 Euro

Project Title: Code Review and Technical Audit

The ASG Group enables sales managers and their teams to very speedily identify specific actions & strategies to accelerate sales by an extra 7-12% and in the process to access increased motivation, confidence & skills.

ASG's SellerNAV™ software platform is the GPS of B2B sales providing sales teams with a map of how they sell that includes best practice comparisons, alerts showing where the sales target is at risk and calculates the impact on sales of improvements to sales skills, or process. It is based on extensive research and the publication of two books



PROBLEM TO BE SOLVED

The goal of the work is to place the SellerNAV technology under audit in advance of partner integration. The product is software code and participants in the audit need to include both the software development team and also an external code review team.

The goals of the review from ASG's perspective are to know if the code is robustly written, is in line with what is considered good coding practice, if it lends itself to easy integration, and a possible inspection of the third party services being used.

IMPACT FOR THE COMPANY

The Code Review reported that the system was a correctly designed MVC, Web Application, well structured and in accordance with the correct architectural practice for this type of application. A number of items were identified which would need to be addressed with respect to future development. Additionally, improvements to the software process for code management, build control, release branching, and automated testing will reap many benefits for the codebase as it continues to develop and mature



HOW THE GATEWAY DELIVERED THE SOLUTION FOR INDUSTRY

TSSG has a dedicated Code Review Team in place to review both internal and external projects. This team consists of 5-6 of the most Senior Engineers in the TSSG with wide ranging expertise in all aspects of Software Engineering. The Code Review process consists of the reviews of Architecture and Code, Software Process, Code Repository Structure, Revision Control, Coding Standards and Style Guides. A report is then generated with suggestions for improvements and any anomalies that need to be addressed.

WHAT OUR CUSTOMERS SAY



The report provide to us by the V&V Support Unit at TSSG will guide our future product development, as well as preparation for the review of the code by any 3rd party (a partner or acquiring company). I believe it will save us a lot of time and money by making sure that further software development is as efficiently planned as possible.



- Ray Collis, Director, The ASG Group, Ireland