



Chillisoft

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Chillisoft engages in global software development and systems integration project

A team of 5 Chillisofters is currently in Oman, Gulf Region, delivering a Software development and integrated system solution project that is due to run for 12 months. Chillisoft was first engaged by the client 3 years ago, and following the successful delivery of many smaller enhancements, new application development and system integration projects, the client confirmed its confidence in Chillisoft by awarding a contract to undertake the development and implementation of a highly complex bespoke enterprise wide integrated system solution.

The scope of the project includes:

- Replacing manual processes with an IT platform software solution
- Highly secure system architecture design for a custom WAN footprint (including two-step smart-card and biometric authentication for user access)
- API integration with existing software systems and databases
- Consulting and training to capacitate and enhance skills in the client development team, to ensure excellence in maintenance and support of the system and users following deployment
- Organisational change management across multiple internal departments and external entities to facilitate the transition to the new software platform, including technical support for external systems integration

Another dimension that presented a challenge, for which an innovative solution was found, was the adaptation of the Lean and Agile software development methodologies used by Chillisoft, to align with a very structured delivery schedule, client corporate governance requirements and other specific contractual obligations.

The resulting hybrid project and software delivery methodology which is being employed in this project, has resulted in business and management stakeholder's expectations being successfully managed, while allowing the software development team to continue to deliver according to lean, agile and iterative development methods.

The Chillisoft team was augmented by a team of developers from the client, which necessitated an accelerated process for optimising the integration of the two teams, to ensure efficient and effective delivery from the outset, and minimise the initial bootstrapping timeframe.



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To this end Chillisoft conducted formal training workshops for one week with the client development team, which covered the the following areas:

- Lean Software Development Principles
- Test Driven Development (TDD)
- AngularJS
- MVC
- Git

In addition, through the scheduling of weekly deliberate practice tutorials, and software development alignment workshop sessions, the development team members were pro-actively engaged with the use of the tools, techniques and technologies chosen to develop the software applications for the client system, to re-enforce and enhance their skill sets.

The co-ordination of team delivery was further facilitated through the implementation of the custom designed Chillisoft Kanban board and Kaizen process, which was synchronised with Team Foundation Server (TFS) to manage the build and Continuous Integration approach to deliver working software for the client.

The delivery of value to the Client is in evidence already, not only in terms of the software system components delivered to date, but through the knowledge transfer, technical training and skills development of the client developers, to enable and build capacity for the use of best practice methods, tools and techniques into the future. The Client has already requested additional training from Chillisoft, for the software development teams in its' other divisions.

Contact Chillisoft today to discuss how we can partner with you to develop and grow your systems and people.

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