

Smart Health Solutions demonstrates and confirms application performance at the IBM Innovation Centre

Smart Health Solutions is the leading proponent of shared Electronic Health Records in Australia. Smart Health has implementations in several states in Australia in both the public and private health sectors. Smart Health is the linking technology that enables the health sector to work with shared information while each practice environment may retain its existing systems.

Smart Health required to performance test their Smart Health Clinical Application on a range of IBM eServer® pSeries hardware running AIX®, WebSphere® and DB2®. Custom built scripts were used to simulate a large number of concurrent thick Java® clients reflecting a real life environment for the application.

Smart Health's Senior Software Engineer Jaya Singhal who is based in Sydney says "One of the things I liked at the IBM Innovation Centre was that we could request any sort of environment to be configured - hardware, software and diagnostic tools and they were made available within a short timeframe. Scheduling and identifying all the requirements in advance ensured that the testing environment was fully configured and ready to be used when we arrived at the centre."

Jaya explains "Porting our application to an environment that is significantly different to the developmental platform was performed smoothly due to the support and expertise of the staff at the Innovation Centre. We were able to perform the port, identify the processing bottlenecks and run a range of tests on the application all within a two week period."

Jaya believes that the engagement has been a valuable experience: "It demonstrated that our application can be readily ported to commercial web server and database platforms and also enabled us to identify and correct issues that came up. The tests demonstrated that simulating a load on the application involving thousands of concurrent users while maintaining sub-second response times builds customer confidence in our product."



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