

Firmware Testing

The Client: World's largest Enterprise Mobility Service provider



Business Requirement



Conduct end to end functional testing of a firmware application that controls all femtocells



Reduce regression overheads and enhance the quality of application for multiple releases



Reduce regression cycle time



Suggest an appropriate and cost effective tool



Our Solutions



Built comprehensive QA suite for all modules



Provided roadmap for Tool Rol



Suggested Test Partner based on automation coverage and support for a specific set of technology /platform,



100% test cases were automated and regression cycle was reduced by 60%



Performed end to end regression regardless of the new functionality to ensure that the quality is not compromised



Business Impact



Overall testing efficiency was 99.4%



Re-usable test components and parallel execution of test scripts reduced regression over heads



Maintenance and execution of test scripts against multiple releases



Test Case coverage was 99.12%

Technologies – JSP, Servlets, J2EE, JBoss Server, RHEL, DB - Oracle
Tools: Automation Tool – Test Partner & QA Run | Test Management Tool – QA Director