

Step-Auto 2015: Speaker Proposal

Title	Non-Functional Test for Medical Products in Agile model.
Category of Topic	<ul style="list-style-type: none"> <input type="checkbox"/> Pre-conference Tutorials: Technical Hands-on Session: Selenium Automation/Mobile Applications Testing/Security Penetration testing <input type="checkbox"/> Tech Pep Talks: “What Do You Mean by It?” Pep Talk Session <input type="checkbox"/> Demystify it and Buzz Word: “Demystify it” Session <input type="checkbox"/> Trend Alert! “What NXT in Quality?” Session <input type="checkbox"/> “Innovation in Testing” Session <input type="checkbox"/> Wit and Wisdom: “Share Your Experiences” Session <input type="checkbox"/> Wit and Wisdom: “Perfecting Your Practices” <input type="checkbox"/> Sparks Fly : Test related Innovations <p>Note: Select One Bulleted item and Delete All Others from the above list.</p>
Author(s)	Amith Mahalinga, Test expert, Philips Tej Chandrappa, Senior Technical specialist, Philips Praveen Suman, Senior Technical specialist, Philips Vinay Krishnamurthy, Senior Technical specialist, Philips Ajay Sarvapalli, Project Manager, Philips
Abstract (Provide Details of the Topic and limit to 150 words)	<p>With the growing population’s healthcare needs, the advent of new technologies, the access to the healthcare products required by the professionals spread across the world indicates that the Healthcare products need to be Reliable with High performance at the same time.</p> <p>Being a Patient Centric Healthcare product, we at Philips have focused strategy to address the NFT (PERFORMANCE AND RELIABILITY Testing) of the Clinical Imaging Healthcare Product.</p> <p>It highlights the various techniques (Hybrid Real time NF Model on thick clients, System analytics, Replication of actual clinical usage in an interoperable environment, ALT, Software aging and Focused Burst) that were implemented during the Product development.</p> <p>The results being critical defects detectability in early phases of Agile development cycle by embracing nightly automated test model, that leads to the improvement of the product stability which otherwise would have been reported only by customer, thus empowering Radiologists with a Reliable and Faster Product to diagnose the Patients.</p>
Terms of Reference <Specify Technical Terms Used in the abstract>	NFT – Non Functional Test NF – Non Functional ALT – Accelerated Lifetime Test
Authors Details <Provide Details of the topic and limit to 150 words>	Amith Mahalinga, Test expert, is the in-house technical test architect/expect in the team. Tej Chandrappa, Praveen Suman, Vinay Krishnamurthy are Senior Technical

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	specialists in the NF and automation teams. Ajay Sarvapalli, Project Manager in the team.
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PS: Please enclose High Resolution Photograph of Each Author, and send them along with the Speaker Submission form by email to **submissions@isqtinternational.com**