

Design Reviews: A Process Perspective for Improved Efficiency and Effectiveness

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Abstract. This paper documents and analyzes a typical design review process in the South African defense industry with the aim of improving the effectiveness and efficiency associated with design reviews. Process steps are scrutinized to identify behavioral and procedural actions that negatively impact on concluding successful design reviews. Poor design review culture and a few bad design review habits are highlighted with the aim that the lessons learnt will be of value to any organization in any environment conducting design reviews. The paper then goes on to suggest enhancements to ensure an improved design review process, as well as initiatives to foster a culture conducive to constructive reviews.