

FUNCTIONAL REQUIREMENTS: THE REFERENCE MONITOR AND USE CASE

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ABSTRACT

Information assurance, data security, and corresponding issues are traditionally presented in Systems Analysis and Design textbooks as non-functional requirements. Systems analysts can enforce secure design and code as one of the essential goals of systems analysis and design by using the Reference Monitor concept as a means of requirements and design specification. The application of the Reference Monitor during the early stages of systems requirements specification via the Use Case emphasizes (reveals) that information assurance is a critical functional requirement.