Wright State University

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Improving IT Requirement Accountability

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The National Air and Space Intelligence Center (NASIC) is the Department of Defense's (DOD) primary source for intelligence on foreign air and space threats. NASIC creates integrated, predictive intelligence in the air, space, and cyberspace domains supporting full spectrum military operations, force modernization and policymaking.

The Communication & Information (SC) Directorate has centralized the collection and management of Information Technology (IT) requirements used by the center to request, acquire, and install IT related items using a Government Off The Shelf (GOTS) application called the Information Technology Requirements Database (ITRDB). While the ITRDB works sufficiently, a decision was made to pursue ways to increase accountability within the tool for requirements that request: hardware renewals, software renewals, and requirements that stop having forward progress in the process.

To make the needed changes, changes needed made to the approved process document which is vetted by all levels of the SC leadership. Work needed to be done with the internal software developer to: share the desired requirements, work through limitations of the Oracle Apex software, make the software code changes within the test instance of the software, test the changes for appropriate functionality and desired results, and finally implement the changes in the production network instance of the ITRDB. There was also a NASIC wide training effort to educate the users on the changes and benefits that they would experience once the changes were made.

The planned result of the changes includes the reduction of costs associated with hardware and software renewals down to zero dollars and the elimination of IT requirements that have become obsolete or to train ITRDB users into taking timely actions which will prevent their requirements from being cancelled due to a lack of forward progress.