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Application Virtualization utilizing Microsoft System Center Configuration Manager (SCCM)

Garrett Goodin
Wright State University - Main Campus

Lindsey Mason
Wright State University - Main Campus

Tim Mischler
Wright State University - Main Campus

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Students: Garrett Goodin, Lindsey Mason, Tim Mischler

Faculty Advisor: Kevin Duffy

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.

Supporting the NASIC mission is the Communications & Information (SC) directorate. SC is critical to NASIC achieving its various missions and leverages the most sophisticated technology to support NASIC's intelligence analysts. SC is focused on IT Service Management (ITSM) and providing quality services to the end user. To continue to support the mission, SC has made the decision to explore virtual applications to create a more dynamic and flexible application deployment model that focuses on delivering end users applications quicker and more efficiently.

To better understand the benefits of virtual applications the team established a Proof of Concept (PoC) and implemented Microsoft's Application Virtualization (App-V) solution, as well as, reviewed the integration of App-V with the current software deployment solution, Microsoft System Center Configuration Manager (SCCM). The objective of establishing an App-V PoC is to provide the team with a better understanding of the benefits and limitations of App-V and develop an implementation strategy for incorporating the application virtualization methodology into the current application deployment solution.