



THE UNDER SECRETARY OF DEFENSE

3010 DEFENSE PENTAGON
WASHINGTON, DC 20301-3010

ACQUISITION,
TECHNOLOGY,
AND LOGISTICS

APR 05 2016

MEMORANDUM FOR SERVICE ACQUISITION EXECUTIVES

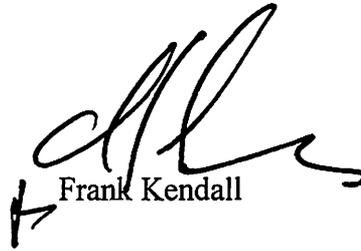
SUBJECT: Windows 10 Compatibility Assessment for Weapon Systems

On February 26, 2016, the Deputy Secretary of Defense directed that the Department of Defense (DoD) transition to and deploy the Microsoft Windows 10 Operating System (OS) using the DoD Secure Host Baseline (SHB) by January 31, 2017. The SHB provides a "build from" process for Combatant Commands, Services, DoD Agencies, and DoD Field Activities to develop operating systems releases for operational implementation to provide security features that, when employed, will mitigate advanced cyber threats. The Deputy Secretary's memorandum directs compliance with the SHB Implementation Task and Requirements Checklist and applies to all desktop, laptop, and tablet devices currently running a previous MS Windows operating system. It excludes Windows Server Operating Systems, as well as Windows cellphones and other cellular devices except for tablet devices with cellular capabilities. The directive applies to any computing devices that are a physical part of, dedicated to, or essential in real time to mission performance to the maximum extent practicable.

Waivers to the target date for up to 12 months can be approved by the cognizant Component Chief Information Officer (CIO). Waivers for longer than 12 months or when implementation is infeasible for technical and/or programmatic reasons can only be approved by the DoD CIO. To assist DoD CIO review and approval of waivers, I request that you perform an assessment of your weapon systems detailing the feasibility of transitioning and deploying MS Windows 10 OS SHB. Provide your assessments to the DoD CIO by September 1, 2016, with the following minimum information:

- An updated Cyber Security Annex based on the full implementation of Windows 10 OS SHB.
- A cost estimate for deploying Windows 10 OS SHB, to include planning, engineering, testing, documentation, training, and sustainment.
- A time estimate for deploying Windows 10 OS SHB, to include planning, engineering, testing, documentation, training, and sustainment.
- If computing devices are determined to be technically and/or programmatically unable to be upgraded, provide the detailed reasons why, as well as the mitigations of cyber threats to an acceptable level.
- If computing devices are unable to be deployed with Windows 10 OS SHB by January 31, 2018, provide a Plan of Action and Milestones with the waiver request explaining any operational impacts and how vulnerabilities will be mitigated until the upgrade can be accomplished.

My point of contact for this matter is Mr. David Dopp, Office of the Deputy Assistant Secretary of Defense for Tactical Weapon Systems, at david.j.dopp2.civ@mail.mil or 703-695-1700.



Frank Kendall