Memorandum for Record

DEFENSE INFORMATION SYSTEMS AGENCY
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IN REPLY
REFER TO: GS23

9 January 2007

MEMORANDUM FOR RECORD

SUBJECT: Clarification for Policy on DODI 8100.3 requirement for use of telecommunications switches listed on the DSN Telecommunications Switch Approved Products List (APL)

1. This memorandum for record provides clarification/guidance on the requirement to procure and implement certified and accredited switches from the APL to ensure compliance with DODI 8100.3. Since the implementation of DODI 8100.3, there has been much discussion within DOD on how to migrate the non-APL DSN switches towards compliance. For this discussion, the term "Legacy" has been used to reflect the telecom switches that were connected to the DSN prior to the DODI.

2. Although the term "grandfathered" is frequently used when discussing the Legacy switches, everyone should understand that the Legacy switches are not "grandfathered" with respect to the requirement to be compliant, but ASD/NII does understand the fiscal constraints facing the DOD Components. ASD/NII's expectation is that the DOD's Legacy telecom switches will be upgraded or replaced by the O&Ms during their life cycle process/support of the DSN. It is further expected that the DOD components will use the results from the DOD Risk and Mitigation Study to assist their prioritization of funding for upgrades and replacement of Telecom Switches with systems that are on the DSN APL.

3. Therefore, it should be understood that although there is no "mandate" to immediately upgrade/replace Legacy switches with APL solutions, there are four situations or "triggers" that invoke the DODI 8100.3 requirement for a certified and accredited solution from the DSN APL. These situations are:

a. Any new procurement/implementation of a Telecom Switch
b. An upgrade of a Legacy switch to a new hardware/software version
c. A switch replacement of a Legacy switch
d. The movement or relocation of a Legacy switch where the overall risk/mitigation factors are changed due to the new environment.

4. There are three categories of configuration/connection changes for Legacy switches that do not trigger the DODI 8100.3 requirement for a certified and accredited solution from the DSN APL.

a. New connections to the DSN, i.e. T1s, required to maintain or achieve the CJCSI 6215.01B Grade-of-Service objectives or to rehome the Legacy switch to improve network connectivity.

b. Activation of ISDN trunking, DSN PRIs, to support dial-up data/video requirements.
c. Expansion of the Line or Trunk capacity of the Legacy switch to handle growth requirements of the installation.

5. Another area of controversy has been the issue for Legacy RSUs, with respect to the DODI requirements, when the O&Ms upgrade the associated Host switches. Although all of the CCB members understand that the call processing for an RSU is controlled by the Host switch, all members agreed that the upgrade of a Host switch should not be a "trigger" for the RSU to have to be upgraded or replaced with an APL solution. The unanimous opinion of the CCB members was that an RSU should not lose its Legacy status when the Host switch is upgraded..

6. All parties at the Jan 07 DSN CCB meeting understood the expectations of ASD/NII to move towards DODI 8100.3 compliance and all members of the DSN CCB, including the JS and the ASD/NII representatives, supported the positions discussed above, concurred with the rationale supporting these positions, and voted unanimously to support these interpretations of policy.

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Copy to:
DSN CCB Chairman
CCB Members