

National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Marshall Space Flight Center, AL 35812



February 16, 2006

MPR 2810.1-MID01

DE01

Reply to Attn of:

TO: Distribution

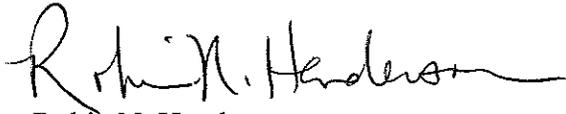
FROM: DE01/Robin N. Henderson

SUBJECT: Review and Approval of Changes to Information Technology
Infrastructure and Systems

Due to increased emphasis on Information Technology (IT) Security, the Agency has established a requirement for review and approval of changes to NASA's IT infrastructure and systems. A copy of the memorandum is enclosed. The memorandum delegates to each Center Chief Information Officer (CIO) the responsibility, authority, and accountability to review and approve significant changes to all IT systems residing at their Center. Significant changes as defined in NPR 2810.1 include, but are not limited to: (1) installation of a new or upgraded operating system, middleware component, or application; (2) modifications to system ports, protocols, or services; (3) installation of a new or upgraded hardware platform or firmware component; or (4) modifications to cryptographic modules or services.

MSFC has existing IT Security processes which document significant changes to systems contained in the Center's IT Registry. No later than March 1, 2006, the MSFC Office of the CIO shall create and distribute a standard operating procedure to clearly define the new process and provide guidance on which system changes require MSFC CIO approval. In general the changes that shall require CIO approval are those that pose the highest risk to the Center such as new or modified network connections or trust relationships and changes to systems or firewalls that alter the services exposed outside Center boundaries. When necessary, the MSFC CIO shall coordinate review and approval with other Centers. MSFC is required to report all approved changes to NASA Headquarters. This memorandum shall serve as an interim directive until the new requirements can be incorporated into a Marshall Management Directive.

I support this change review process and appreciate your assistance in communicating these requirements to those who report to you. By working together, we can ensure the confidentiality, availability, and integrity of our information technology and systems

A handwritten signature in black ink, appearing to read "Robin N. Henderson". The signature is fluid and cursive, with a long horizontal stroke at the end.

Robin N. Henderson
Associate Director

Enclosure

Distribution:
SDL-1

National Aeronautics and
Space Administration
Headquarters
Washington DC 20546-0001



JAN 31 2006

Reply to Attn of

Office of the Chief Information Officer

TO: Officials-in-Charge of Headquarters Offices

FROM: NASA Chief Information Officer

SUBJECT: Review and Approval of Changes to Information Technology Baseline

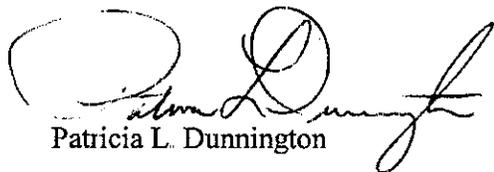
There are several initiatives currently underway at NASA to improve the interoperability, reliability, security, and management of information technology (IT) and systems across the Agency, such as the Wide Area Network Replacement (WAN-R) project, NASA Integrated Security Environment (NISE) project, and the NASA Portal project. As well, there are several directives on the horizon that will significantly affect NASA's IT and systems environment, such as Homeland Security Presidential Directive -12 and the transition to Internet Protocol version 6 (IPv6). These initiatives and directives, while challenging to implement, provide NASA the opportunity to improve the management and security of IT and systems across the Agency. The successful integration of these important initiatives is reliant on effective configuration control and prioritization of investments at the Agency level to minimize duplication and maximize effectiveness of Agency-wide efforts.

Therefore, effective immediately, no significant changes to any of NASA's existing IT and systems, including applications, networks and infrastructure, in all three portfolios (program unique, multi-program and core/general purpose) shall be undertaken without review and approval by the NASA Chief Information Officer (CIO) or the cognizant Center CIO. Approval is required for any and all significant modifications, acquisitions, upgrades, or other changes, to information systems within, or interconnected to, the NASA environment, whether by the government or contractors.

I have delegated to each Center's CIO, the responsibility, authority, and accountability to review and approve change requests for all IT and systems that reside at their respective Center, component facilities, or that are connected to a network at their Center. Where the Center CIO is unable to ascertain the appropriateness of a change, the change request will be forwarded to the NASA CIO for review and approval. The Center CIO's have been provided additional guidance regarding what constitutes a significant change and information that is required to request a change approval. The requirement to track and document significant changes to a system is not new and is part of the existing process for managing all Agency systems as per NPR 2810. This change review process will remain in effect until withdrawn in writing.

I appreciate your assistance in supporting this change review process and in communicating these requirements to those who report to you. By working together, we can improve the confidentiality, availability, and integrity of our information technology and systems.

Thank you for your support.



Patricia L. Dunnington

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