

National Aeronautics and
Space Administration
Headquarters
Washington, DC 20546-0001



NOV 15 2007

Reply to Attn of: **Office of the Chief Information Officer**

TO: Distribution
FROM: Chief Information Officer
SUBJECT: Data at Rest Freeze

Recent Federal Data at Rest (DaR) encryption requirements and compliance schedules pose difficult and challenging technical solutions throughout the Federal Government to balance between security and operational needs, as well as the costs of deploying and maintaining the infrastructure to support it.

In order to ensure compatibility across the Agency IT infrastructure to implement DAR, the NASA Office of the Chief Information Officer (OCIO) has decided to develop an Enterprise-wide approach and solution to meet the Agency DAR requirements to secure mobile data. A working group has been chartered, and final product testing in the NASA environment is currently under way under the direction of the Encryption Requirements team.

Effective immediately, no additional DAR solution purchases are approved for either purchase or implementation within the Agency.

This includes, but is not limited to:

1. Laptop and desktop DAR encryption solutions (continue to use Entrust and Filevault as approved in NASA STD-2804).
2. Encryption solutions for USB memory drives, either software or hardware.
3. Encrypted external hard drives.
4. PDA encryption solutions (except for Entrust SMIME).

Existing DAR solutions already deployed may remain in use until the Agency standard architecture is deployed.

This directive applies to all civil service and contracts operating IT equipment on NASA IP space. Waivers to this directive may be authorized by the Deputy CIO for IT Security. Please contact Jerry Davis at Jerry.L.Davis@nasa.gov for questions.

A handwritten signature in black ink, appearing to read "Jonathan Q. Pettus".

Jonathan Q. Pettus

DISTRIBUTION:

Center CIOs:

ARC/Sylvia Longchamps (Acting)

DFRC/Robert Binkley

GRC/Dr. Sasi Pillay

GSFC/Linda Cureton

HQ/Les Newell (Acting)

JPL/Jim Rinaldi

JSC/Larry Sweet

KSC/Mike Bolger

LaRC/Cathy Mangum

MSFC/John McDougle (Acting)

SSC/Gay Irby

NSSC/Dave Epperson (Acting)

Mission Directorate CIOs:

Aeronautics/Phil Milstead (Acting)

Exploration/ Beverly Hamilton

Science/Joe Bredekamp

Space Operations/Dan Hedin (Acting)