

USGS NETWORK SECURITY PLAN

The USGS, in order to comply with Department of the Interior and OMB A-130 requirements for the logical separation of public and private information, will implement the following action plan to ensure compliance and provide a secure network environment for its information assets

The USGS will develop guiding principles based on best practices, Federal guidance and USGS business requirements. A sample of the types of principles that may be developed to guide the project are included as Attachment (1).

The USGS will adopt a Project Management approach with a dedicated full-time project manager to oversee the development and execution of a detailed project plan. The project manager will be resourced with the appropriate funding and a project team consisting of a mixture of full-time dedicated in-house staff, matrix team members and contracted consultation and support personnel. This approach will ensure that the appropriate resources and management discipline are applied to this effort. This approach will also provide the appropriate level of visibility and accountability necessary to ensure timely execution of the project. The project plan will provide the baseline by which progress will be measured. Regular project status meetings will be conducted to ensure that progress is tracked and documented. The initial milestones and timeframes for the execution of this project are included as Attachment (2).

The USGS will adopt a risk-based decision making process whereby the team will evaluate USGS IT-related business requirements and the potential impacts on the current USGS computing environment. This evaluation will be factored in to the design and planning for proposed architecture and will result in detailed actions that will provide for a smooth transition between the as-is network and to-be network.

The USGS will adopt a rapid-prototype development strategy whereby the proposed architecture will be developed and tested in one geographic location. Lessons learned from this implementation will be documented and used in the execution of bureau-wide implementation.

The USGS will contract for consultant services to provide objective, independent network architecture expertise and assistance in the design, development and execution of the plan.

USGS personnel under consideration for team membership include the following:

Carol Lawson (Acting GIO Western Region)
Robert Wakelee (WRD)
Lester North (GD)
Pat Murphy (network architecture)
Tim Lee (network architecture)
Max Hector (network architecture) or
Rob Weitzel (network architecture)
Mike Rechtenbaugh (network architecture)
Brian Schachte (network security)
Tom VanDresser (network security)
Jeff Brody ((network security)

Attachment 1: Sample of Guiding Principles.

- Guiding principles will be developed to provide goals for the to-be architecture.

Attachment 2: Initial Network Security Architecture Project Plan.