

## **IT Program Assessment**

### **TSA - Information Technology Infrastructure Program (ITIP)**

#### **Review**

The DHS CIO conducted a comprehensive program review of the TSA Information Technology Infrastructure Program (ITIP) program during September 2011. Program observations include the following:

In support of the recent IT Reform Plan and OMB CIO Authorities memorandum, ITIP has increased the frequency of the review of IT projects and services. The program continues to seek out any duplication and or waste of IT resources throughout the agency. The TSA IT BUY process has been an effective tool for this process. The component created the OIT Business Technical Council (BTC), with stakeholder interaction, for a weekly review and approval process of IT projects/products and services requests.

There are three significant risks identified:

- If the TSAnet Network Infrastructure is not upgraded to ensure redundancy the system could experience critical system outages
- If DHS Data Center does not address mobile technology and cloud computing security issues it could impact the migration effort
- If program funding is reduced with expected budget cuts then the ability to ensure continuous and uninterrupted service is jeopardized

#### **Mitigation Strategy**

The program must work with TSA to prioritize and fund TSAnet upgrades to preclude network outages. TSA must also carefully monitor the program requirements placed upon TSAnet and track available bandwidth. ITIP requires close coordination and support from DHS and TSA to ensure that the Cloud Service pre-production and production environments are compliant with TSA and DHS Cloud Services security requirements. Funding will continue to be a challenge in the foreseeable future therefore; TSA and ITIP must prioritize and look for tradeoffs that provide the maximum capability given these fiscal restrictions.

#### **Assessment**

The ITIP program has demonstrated positive action to improve capability, increase management visibility, and oversight. The program must be commended for efforts in identifying and eliminating duplication or waste of IT resources. The program has migrated 95% of the TSA infrastructure to DC1/2 and plans to complete migration by FY12. The CIO assesses the ITIP program as Level 3 – Medium Risk.

**Score: 3**