

Task Order 65 – Deliverable 65.1.1
eMPN Web Site and Digital Document Repository
Security Accreditation Plan

1. GOAL STATEMENT

The goal of this effort is to produce a letter of accreditation (authority to operate) indicating that the security risks associated with the new Direct Loan (DL) eNote and the *digital document* data repository have been identified, assessed and, as necessary, mitigated.

2. DELIVERABLE DESCRIPTIONS

In order to achieve this goal, several deliverables have been identified. Each deliverable is described in the sections below.

2.1 Project Plan

The project plan delineates key milestones and deliverables for the duration of this task order. Subtasks are provided to illustrate activities that will occur to support the deliverables. The project plan will be updated after the collected security documentation has been analyzed.

Due March 31, 2001

2.2 Risk Assessment Results

The purpose of the risk assessment is to evaluate the security of the physical facilities, hardware, software, operations, and other security related practices. This risk assessment will be conducted in compliance with requirements of OMB Circular A-130, Appendix III, Security of Federal Automated Information Systems (AIS) and other applicable laws, guidelines and procedures. Generally, a risk assessment evaluates the impact of threats and vulnerabilities to critical assets and sensitive information. This process is integral to the overall risk management process, which is designed to protect the availability, integrity and confidentiality of the information stored, processed and transmitted by SFA.

For the DL eNote web site and *digital document* repository effort, a determination should be made as to the level of detail the risk assessment must obtain. As stated prior, the goal of this accreditation effort is to determine if the addition of the eNote web site and *digital document* repository changes the risk levels of each supporting system. This goal may not require a full-scale risk assessment because both the web site *digital document* repository rely on existing systems. Instead, it may be appropriate to conduct a thorough review of the existing system security requirements and risk levels and ascertain the need for additional or modified security controls.

The risk assessment initially will attempt to evaluate the security documentation of the supporting systems using NIST's Self-Assessment Guide for Information Technology Systems. The self-assessment guide, which supports the Government Information Systems Reform Act (GISRA), determines the maturity of security documentation supporting an organization's system(s) and assesses where the system(s) is in the security life-cycle. The questionnaire-style assessment will be performed and documented with cooperation from system owners and operators. The results from this assessment will be used to determine the level of risk to the eNote web site *digital document* repository, based upon the maturity of each supporting system's security posture. If deemed appropriate, a more thorough technical review of the security documentation will be performed.

The deliverable resulting from this effort will address the security risks caused by the new eNote web site *digital document* repository. Specifically, the deliverable will include a description of any risks inherent to the new eNote web site and *digital document* repository and any risks the new components bring upon their supporting systems.

Due June 1, 2001

2.3 Corrective Action Plan

The corrective action plan will address two components of the eNote web site *digital document* repository. Primarily, the corrective action plan will suggest corrective measures that may be taken to mitigate the risks the eNote web site and *digital document* repository impose upon each supporting system. Additionally, the corrective action plan will recommend alterations that should be made to existing system security plans to incorporate the functionality of the eNote web site *digital document* repository into existing documentation.

Due June 15, 2001

2.4 Security Plan Draft

The configuration of the Security Plan draft will depend upon the requirements and prior security documentation already existing for the eNote web site and *digital document* repository's supporting systems. If the eNote web site and *digital document* repository leverage existing systems' infrastructure and equipment that already have compliant system security plans, the eNote web site and *digital document* repository may leverage this existing documentation. However, if existing system security information does not provide sufficient detail, protections or mitigation options, a separate security plan should be developed for the eNote web site and *digital document* repository.

Due June 29, 2001

2.5 Accreditation Letter

The accreditation letter is a formal document indicating that the security risks associated with the eNote web site and *digital document* repository have been identified, assessed and, as necessary, mitigated and that the web site repository may operate within the agreed upon security parameters for a stated period of time. Customarily, the accreditation letter is issued by the Designated Approving Authority for each system. A determination of responsibility should be made by an SFA official.

Due June 29, 2001