

HSS - Personal Information Protection Data Encryption

FY2010 Request: \$818,141

Reference No: 46920

AP/AL: Appropriation

Project Type: Information Technology / Systems / Communication

Category: Health/Human Services

Location: Statewide

Contact: Arnold Liebelt

House District: Statewide (HD 1-40)

Contact Phone: (907)465-1870

Estimated Project Dates: 07/01/2009 - 06/30/2014

Brief Summary and Statement of Need:

The Personal Information Protection Data Encryption project is an effort by the Department of Health & Social Services (DHSS) to comply with the Alaska Personal Information Protection Act (APIPA), as well as 45 CFR § 164.312(a)(2)(iv), a section of the Health Insurance Portability and Accountability Act (HIPAA). The Department's intent is to comply with the legal requirements by encrypting all sensitive data, including electronic protected health information. Data encryption of personal information will safeguard citizens and significantly reduce the risk that a security breach will impact Alaskans.

Funding:	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>Total</u>
Fed Rcpts	\$81,814						\$81,814
G/F Match	\$736,327						\$736,327
Total:	\$818,141	\$0	\$0	\$0	\$0	\$0	\$818,141

<input checked="" type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
90% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Additional Information / Prior Funding History:

This is the first year of the project.

Project Description/Justification:

Information Technology Capital Project Review Form FY2010

1. Has this project been previously approved?

No.

2. What is the purpose of the project?

This project is an effort by the Department to comply with the Alaska Personal Information Protection Act (APIPA), as well as 45 CFR § 164.312(a)(2)(iv), a technical implementation standard of HIPAA. The Department intends to comply with these legal requirements by encrypting all sensitive data, including electronic protected health information (EPHI). Data encryption of personal information will help safeguard citizen data and significantly reduce the risk a security breach will negatively impact Alaskans.

3. Is this a new systems development project?

No, this is not a new systems development project.

Upgrade or enhancement to existing department capabilities?

The project may be considered an enhancement to the existing capabilities regarding the level of protection the Department affords personal and protected health information of Alaskan citizens.

4. Specifically, what hardware, software, consulting services, or other items will be purchased with this expenditure?

Project Initiation / Planning	\$ 10,227
Software Installation and Training	\$ 127,834
Hardware Acquisition	\$ 613,605
Hardware Installation and Testing	\$ 15,340
Training	\$ 51,135
Total	\$ 818,141

The goal of this project is to encrypt all sensitive data, including electronic protected health information that is stored on DHSS IT systems.

- The Department's objective is to encrypt all sensitive data located on critical IT systems which physically reside in our Juneau and Anchorage data centers. The tasks that need to be performed to meet this objective include:
- Project planning with department divisions and IT Services to accurately access the scope of the project.
- Procure, through the use of the ETS Task Order system, professional services required for carrying out the project.
- Procure, according to Alaska state technology standards and procurement code, necessary equipment which will be used to encrypt/decrypt data on server and storage array devices.
- Install and testing

Dedicated training of department staff, including backup operators in both data center locations, will be necessary on the operations, maintenance, and troubleshooting of the deployed solution.

5. How will service to the public measurably improve if this project is funded?

Personal information will be protected against unauthorized disclosure or breach of security, thus reducing the possibility of identity theft.

6. Does project affect the way in which other public agencies will conduct their business?

There is no anticipated affect upon other public agencies.

7. What are the potential out-year cost implications if this project is approved? (Bandwidth requirements, etc.)

Ongoing operational funding of maintenance for any procured technology solutions deployed under the project.

8. What will happen if the project is not approved?

Alaskans and the State of Alaska will be exposed to increased risk associated with unauthorized disclosure of personal information through a breach of security. This increased risk will also carry specific penalties after July 1, 2009 when the Alaska Personal Information Protection Act becomes effective.

Additionally, the Department and the State of Alaska will be in non-compliance with specific HIPAA Security Rule technical standards.

Department's Mission: *To promote and protect the health and well being of Alaskans.* This project supports the Department's mission by ensuring the security of the personal information of the public served by the Department.

The end result to which this project contributes is "The efficient and effective delivery of administrative services."