

SESA
Securing Sensitive & Confidential Data



2015-17 BIENNIAL BUDGET

Request	FY16	FY17	15-17
FTE	0.0	0.0	0.0
GF-State	\$2,460,000	\$2,460,000	\$4,920,000
Total	\$3,000,000	\$3,000,000	\$6,000,000

DECISION PACKAGE SUMMARY

The Department of Social and Health Services (DSHS) requests funding and FTEs for software, hardware, and personnel services for data masking and encryption of confidential information contained in agency information technology systems. In its current state, the confidential information of the agency’s clients and business partners is vulnerable to data breaches and accidental disclosures. By funding this request, the agency expects to be more efficient and consistent in securing client and business partner critical data, reducing the risk from security threats that result in identity theft, fraud, or direct financial loss to clients and partners.

PROBLEM STATEMENT

The Department has many programs and systems that are required to capture, store and provide access to confidential data, such as Social Security numbers (SSNs) and banking/financial information. The protection of this private data is mandated by federal and state laws and statutes.

The agency does not have the resources to sufficiently address modern security threats, and enhanced security policy and law. Historical practice has been to update applications individually, but funding and resources have not kept pace with state and federally mandated changes, emerging security threats, and the expanding demand for increased functionality that allows the business to do more with limited resources.

The agency is at risk of unauthorized access or inadvertent disclosure of client data. The result could expose the state, the Department and staff to legal and financial liabilities and/or compromise the safety of individuals and cause financial loss or hardship for the entities we serve.

The potential impacts of data breaches and inadvertent disclosure of confidential data include administrative costs in notification to affected clients; reimbursement of related actual costs that are incurred by the financial institutions to mitigate potential current or future damages to the affected clients (RCW 19.255.020); Office of Civil Rights (OCR) penalties of up to \$500,000 per violation up to a maximum of \$1.5 million per year;



DSHS VISION
 People are healthy • People are safe • People are supported • Taxpayer resources are guarded

DSHS MISSION
 To transform lives

DSHS VALUES
 Honesty and Integrity • Pursuit of Excellence • Open Communication • Diversity and Inclusion • Commitment to Service

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legal costs and settlements on law suits filed by affected clients; negative media exposure; and loss of public trust in government services.

PROPOSED SOLUTION

The funding will procure technology (hardware and software) and implementation services to support widespread use of an enterprise-level data masking and encryption solution within DSHS. The funding will also provide 1.5 FTEs to manage the software and hardware following implementation. This solution to secure the confidential information of DSHS clients and business partners will be implemented in the 2015-17 Biennium Budget.

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Program Contact: Sue Langen (360) 902-7714

EXPECTED RESULTS

The expected results of this enterprise data masking and complex encryption solution will allow the Department to enhance security around the private and confidential information of Washingtonians. This request will reduce the risk of exposure of SSNs and banking information through inadvertent disclosure and/or data breaches, better protect the privacy of DSHS' clients and business partners, and support public trust in government.

STAKEHOLDER IMPACT

DSHS provides direct services to upwards of 2.5 million clients. This implementation will have a positive impact on the clients by way of added protections around their confidential data. DSHS shares data with other state agencies and external entities. The governance and controls established as a result of this implementation will have an impact on how this data is shared with them and modification of their processes to adapt to the changed security requirements.



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