



Michigan
Office of the Auditor General
REPORT SUMMARY

Performance Audit

Report Number:
071-0592-13

Data Exchange Gateway

*Department of Technology, Management,
and Budget*

Released:
September 2013

The Data Exchange Gateway (DEG) is an enterprisewide managed file transfer system operated and supported by Data Center Operations, Department of Technology, Management, and Budget (DTMB). The DEG provides for the secure storage and electronic transmission of data between State agencies and external trading partners, such as healthcare companies and providers, banks, and other government agencies. As of June 30, 2013, there were 11 State departments that used the DEG. In fiscal year 2011-12, DTMB billed State agencies \$1.9 million for DEG services.

Audit Objective:

To assess the effectiveness of DTMB's efforts to help ensure that State agencies use the DEG or other secure methods for the electronic transfer of data.

Audit Conclusion:

DTMB's efforts to help ensure that State agencies use the DEG or other secure methods for the electronic transfer of data were moderately effective. We noted one reportable condition ([Finding 1](#)).

Reportable Condition:

DTMB had not fully established an effective strategy to help ensure that State agencies used the DEG or other secure methods when electronically transferring sensitive data ([Finding 1](#)).

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Audit Objective:

To assess the effectiveness of DTMB's efforts to implement a secure managed file transfer infrastructure.

Audit Conclusion:

DTMB's efforts to implement a secure managed file transfer infrastructure were moderately effective. We noted one reportable condition ([Finding 2](#)).

Reportable Condition:

DTMB had not fully implemented a secure managed file transfer infrastructure ([Finding 2](#)).

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Audit Objective:

To assess the effectiveness of DTMB's security and access controls over the DEG.

Audit Conclusion:

DTMB's security and access controls over the DEG were moderately effective. We noted three reportable conditions ([Findings 3 through 5](#)).

Reportable Conditions:

DTMB had not fully established effective security and access controls over the

operating system for the DEG servers (Finding 3).

DTMB had not fully established effective security and access controls over the DEG database management system (Finding 4).

DTMB had not fully implemented effective baseline security controls for the authentication of users of the DEG (Finding 5).

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Agency Response:

Our audit report contains 5 findings and 5 corresponding recommendations. DTMB's preliminary response indicates that it agrees with all of the recommendations.

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A copy of the full report can be obtained by calling 517.334.8050 or by visiting our Web site at: <http://audgen.michigan.gov>



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