



Michigan
Office of the Auditor General
REPORT SUMMARY

*Performance Audit
General Controls of the Offender
Management Network Information System
Department of Corrections and
Department of Information Technology*

Report Number:
471-0592-07

Released:
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The Offender Management Network Information System (OMNI) is an information processing system that the Department of Corrections (DOC) uses to store and manage offender and employee data. The Department of Information Technology (DIT) provides information technology support services to DOC for OMNI. The services include system development and maintenance, database and operating system security and administration, and backup and recovery management.

Audit Objective:

To assess the effectiveness of DOC and DIT's controls to prevent and detect unauthorized access to OMNI application, data, and operating system files.

Audit Conclusion:

DOC and DIT's controls to prevent and detect unauthorized access to OMNI application, data, and operating system files were not effective. We noted one material condition (Finding 1) and two reportable conditions (Findings 2 and 3).

Material Condition:

DOC had not established a comprehensive information systems security program and effective access controls over OMNI (Finding 1).

Reportable Conditions:

DIT and DOC had not fully established security controls over the OMNI databases and operating system (Finding 2).

DOC did not fully develop and monitor audit trails for OMNI data (Finding 3).

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Audit Objective:

To assess the effectiveness of DIT's change controls over OMNI program files, database software, and operating system software.

Audit Conclusion:

DIT's change controls over OMNI program files, database software, and operating system software were not effective. We noted one material condition (Finding 4).

Material Condition:

DIT and DOC had not developed a comprehensive change control process for OMNI (Finding 4).

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Audit Objective:

To assess the effectiveness of DIT's backup and recovery procedures to ensure the continued service of OMNI.

Audit Conclusion:

DIT's backup and recovery procedures to ensure the continued service of OMNI were moderately effective. We noted one reportable condition (Finding 5).

Reportable Condition:

DIT had not completely established an effective backup and recovery process for OMNI. In addition, DIT had not developed a comprehensive disaster recovery plan. (Finding 5)

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Agency Response:

Our audit report contains 5 findings and 6 corresponding recommendations. DOC's and DIT's preliminary responses indicate that they agree with all of the recommendations and will comply with them.

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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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