

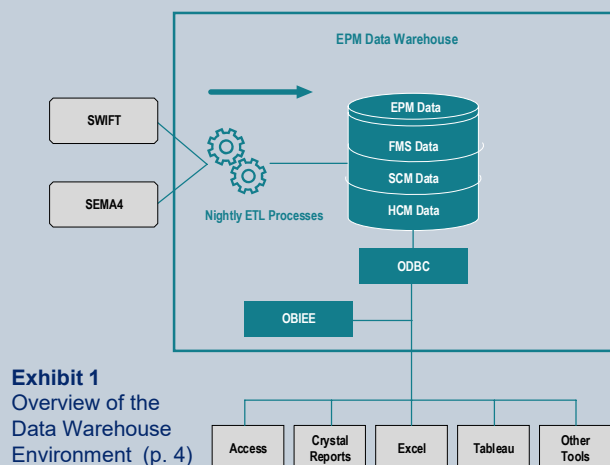
Minnesota Management and Budget: Enterprise Performance Management Data Warehouse Integrity Controls

IT Performance Audit
Released October 2, 2024



What is the EPM Data Warehouse?

- Jointly operated by MMB and MNIT
- Financial, human resource, and learning management data
- Nearly 4.5 billion rows of related data



Why OLA conducted this audit

State agencies use warehouse data to:

- Monitor their operations
- Perform financial analysis
- Compile data
- Prepare financial statements

Audit Objectives and Scope

Ensure:

- Data accurately loaded into warehouse
- Data maintenance synchronized
- Data appropriately secured

Scope:

- November 2023 – March 2024

Conclusion

MMB and MNIT had adequate controls to help ensure data in its warehouse mirrored data found in SWIFT and SEMA4.

- Sufficient data validation and integrity
- Sufficient change management process
- Generally sufficient security controls

Findings

MMB and MNIT:

- Have not completed current risk or security control assessments. (p. 14)
- Did not regularly review and validate that user access were appropriate for some employee's job duties. (p. 16)
- Did not scan for vulnerabilities or misconfigurations on critical computer devices. (p. 17)

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