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AFAMIS and SFMA: Roles and Differences

What is AFAMIS and Its Capacity?

JD Edwards World, operationally referred to as AFAMIS (Automated Financial Accounting & Management Information System) is the Oregon Department of Corrections' (ODOC) enterprise resource planning (ERP) system. It is designed to handle the unique operational and financial needs of a correctional environment.

The capacities of AFAMIS include:

- Accounting and Budget Management.
- Purchasing and Contract Management.
- Warehouse and Inventory Control.
- Property and Capital Asset Management.
- Summary Payroll (excluding Adults in Custody (AIC) trust).

This broad and integrated functionality makes AFAMIS more than just an accounting tool - it is a comprehensive system with automated, built-in user controls that supports day-to-day DOC operations.

History and Specifications of AFAMIS

DOC first implemented JDE World 7.3 in 1991. It was upgraded to JDE World 9.1 in 2008 and then upgraded again to the current JDE World 9.4 in 2019.

Technology / hosting environment specifications are:

- Platform: IBM S924 Power 9 (model 9009/42A).
- Operating System: IBM i 7.4 (plans to upgrade to 7.6).
- Database: Native DB2.
- Deployment: On-premises, managed within DOC's IBM infrastructure.

AFAMIS is currently in an indefinite "Sustaining Support" maintenance. DOC only has access to legacy patches and knowledgebase with no new fixes or updates scheduled.

Currently our maintenance practices include:

- Use of a long-term JDE expert (contractor with 30+ years' experience).
- Regular system maintenance windows with the State Data Center (SDC).
- Program Temporary Fixes (PTFs) applied after staging/testing.
- Quarterly reviews of user access and profiles.
- IBM + JDE security controls (MFA, user roles, activity rules).
- No new Oracle patches or fixes applied since implementation of 9.1 or 9.4.

How Is AFAMIS Different from SFMA?

SFMA (Statewide Financial Management Application) is the statewide accounting and financial reporting system, managed by DAS/SFMS.

SFMA is the official book of record for all state agencies and serves four purposes:

1. Statewide general ledger and compliance system (R*STARS).
2. Produces the Annual Comprehensive Financial Report (ACFR).
3. Generates 1099 reporting.
4. Provides data through the Datamart/OBIEE for analysis and statewide transparency.

As such, the key differences are:

- **Scope:** SFMA is accounting-focused and statewide; AFAMIS is ODOC-specific and an ERP.
- **Functionality:** SFMA focuses on ledger control and compliance, while AFAMIS provides integrated operational support (procurement, inventory, capital asset and property).
- **Users:** SFMA serves fiscal staff across agencies; AFAMIS serves DOC staff managing both fiscal and operational tasks.
- **Interfaces:** Accounting sends a daily interface from AFAMIS to SFMA which includes payment disbursements, payroll disbursements, general journal entries, and A/R receipts.

Why SFMA Alone Does Not Suffice for ODOC

While SFMA is essential for statewide financial integrity, it does not provide the operational functionality ODOC needs.

For example:

- SFMA does not manage warehouse operations or inventory control.
- SFMA does not have Fixed Asset Accounting functionality.
- SFMA does not handle specialized payroll structures unique to DOC's operations.
- SFMA does not provide integrated procurement and contract management tailored to DOC's environment.

Therefore, ODOC requires AFAMIS to bridge this operational gap while still ensuring compliance by posting transactions to SFMA.

ODOC's Readiness for a Future Statewide Replacement

ODOC is committed to moving to a new statewide enterprise financial management system, assuming it will meet the department's operational needs.

For ODOC to fully transition, the statewide solution must include:

- Integrated operational modules for procurement, inventory, budget, and property.
- Flexible workflow management for contracts and purchasing.
- Robust integration capability to reduce or eliminate duplicate systems.

With these capacities in place, ODOC would be positioned to retire AFAMIS and rely solely on the new enterprise platform. Without them, ODOC would still need an internal subsystem to cover essential correctional operations.

Summary: Distinct but Connected Roles

- **SFMA:** Statewide accounting book of record, compliance, reporting.
- **AFAMIS:** ODOC's operational finance and logistics system, built for correctional needs.

Together, these systems reflect different layers of Oregon’s financial ecosystem. ODOC’s challenge (and opportunity) lies in ensuring that any future statewide replacement system includes the additional operational capacity now provided by AFAMIS.