

OMNI Sentencing Calculation Module Project



The OMNI Sentencing Calculation Module (OSCM) Project enhances accurate sentencing calculations and reduces manual processes while maintaining the Department of Corrections’ (DOC) credibility.

What’s Happening:

DOC is releasing a Supervision and Tolling Entry Management (STEM) application to determine release dates from community supervision.

The first release of STEM is scheduled for **July 23, 2024**. This program streamlines processes by eliminating the use of manual spreadsheets for tolling records staff and the email processes for Community Corrections Division staff.

Stay tuned for more information as we work toward the next phase that will implement the remaining confinement and supervision calculations in the business rule engine.

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Background:

The sentencing calculation and tolling functionality in OMNI, DOC’s electronic records system, is inflexible and outdated. This has resulted in staff manually ensuring correct end dates for those on community supervision. The OSCM project will provide a solution for sentence calculations.

A marketplace study showed that other states similar in size to Washington handled sentencing calculations by replacing their Corrections Information Management Systems (CIMS) and implementing a business rules engine (BRE).

By implementing a BRE, DOC has the foundation needed for the CIMS project to replace OMNI. Having a BRE enables us to update the system more quickly when needed for legislation, court or agency decisions.

DOC has partnered with Mi-Case and Integrated Solutions Group in implementing a BRE and automating manual processes. This will streamline what has previously been a manual review where hundreds of independent calculations are made that must be checked, rechecked and verified multiple times.

Improvements Include:

Web Application: Replace manual spreadsheets and email processes



Business Rules Engine: Automated tolling calculations



Spreadsheet Data: Move historical data into managed SQL database



Middle Tier: Sustainability for future system connections

