

Application Code Management

Application Portfolio Management (APM) July 2021

Rate

Monthly, per module in the production environment:

	Rate FY22	Rate FY23	Debit Code
Application Code Management	\$0.7062/month/module	\$0.7317/month/module	26

All OCIO rates can be found at: <https://cio.nebraska.gov/financial/serv-rates.html>

Billing is based on the current module count in the production environment, on a monthly basis. As new modules are added or decommissioned from the production environment, billing is adjusted according to the actual module count.

General Overview

Applications are a substantial asset to our State Agencies and State Governance. Managing these IT investments is a priority. Application Portfolio Management (APM) is comprised of a diverse enterprise collection of critical and non-critical Agency applications. These applications include commercial off-the-shelf packages, applications written in MS Excel or MS Access that perform specific business functions, custom developed computer software programs, data warehouses and/or the reporting applications accessing it, and modules, components, either purchased or built to perform a specific business function.

Application Code Management is a component of Application Portfolio Management (APM). It provides the policy, procedures, strategy, and supporting software to effectively apply recognized, industry-standard principles and guidelines of moving application code from one environment to another (e.g., from a testing environment to production, from one server to another, on-premises server to a cloud-based environment). This also refers to applications built on platforms such as IBM mainframe, Microsoft Azure, or SQL Server.

Application Code Management facilitates and addresses the requirements of securing the application code. It adheres to the State and Federal audit requirements for the authorized movement of code into production. It secures the application code from vulnerabilities of the moving code from one environment to another without appropriate authorization. Security audits and risk mitigation processes are built in-place to prevent unapproved and unauthorized changes to application code.

Application Code Management will be required to expand and grow with APM to support the State's Application Inventory and the application code that is dependent for the Application to function to the Agency's requirements and policies.

Application Code Management

Service Details

The Service Details of Application Code Management in the production environment includes:

- Centralized management of the production application code
- Compliance with industry standards; including:
 - security standards, audit standards, version control standards, and other related standards.
- Control and management of the production load modules
- Complies with OCIO Disaster Recovery requirements and aligns with Agency COOP Plans.
- Routinely perform system backup procedures of production application code
- Restore capabilities of production application code
- Auditing and tracking of module migrations
- Data storage of production application code
- Security controls
- Application code redundancy between data centers
- Acquire and procure software tools to support and secure an array of diverse application code

The service includes:

- Staff to support application code in the production environment
- Application code management tools
- Migration control and Release Management

The service does not include:

- Application modules in environments other than Production

Roles and Responsibilities

The Office of the CIO is responsible for:

- Providing a secure production environment of the application code hosted in the State's OCIO Data Center.
- Staff to assist in the management of the application code.

Requesting Service

Contact the OCIO Help Desk (402-471-4636 or cio.help@nebraska.gov) with any request.

Application Code Management

Service Expectations, Hours, Availability and Reliability

OCIO assistance is available during normal work hours (i.e., 8:00 a.m. to 5:00 p.m.).
OCIO provide on-call support staff by contacting the OCIO Help Desk at 402-471-4636.

Cost and Billing Information

The Office of the CIO uses Billing Accounts, Job Codes and Work Order numbers for authorizing work and tracking costs for specific projects. Customers may designate which job code and work order number to use or request a new job code and work order number. Contact the Office of the CIO for assistance with developing an accounting structure that meets the needs of the organization.

Customer Support and escalation

OCIO assistance is available during normal work hours (i.e., 8:00 a.m. to 5:00 p.m.).
OCIO provide on-call support staff by contacting the OCIO Help Desk at 402-471-4636.

**For further information, please contact:
The Office of the CIO Service Desk**

Request this Service: <https://serviceportal.ne.gov>

402-471-4636 or 800-982-2468