

Geographic Information Systems (GIS)

*Geospatial GIS Enterprise
July 2023*

Rate

Transaction	Rate FY24/FY25	Debit Code
GIS Access Tier 1	\$400.00/month/agency	326
Utilization Tier 1	\$2500.00/month/agency	328
Utilization Tier 2	\$17,393.00/month/agency	330
Utilization Tier 3	\$25,980/month/agency	332
Basic Software License or Extensions Maintenance	\$35.00/month/license	343
Standard/Advanced Software maintenance	\$150.00/month/license	342

General Overview

The Geospatial/GIS Enterprise service tiers are based on the number of items in the Nebraska Enterprise GIS platform (NEGIS), which includes web applications, feature services, custom widgets, and other items to support GIS maps and applications. The need for these types of service levels depends on the type of work and resources that would be required to fulfill the agency's mission. Any GIS desktop licenses used by state agencies will be ESRI's ArcGIS products, the GIS enterprise software for the state of Nebraska.

This service is a component of the State of Nebraska's Geospatial/GIS Enterprise platform- NEGIS. The OCIO Geographic Information Office hosts and delivers geospatial content, web services, location-based services (LBS), and other applications through this platform. User agencies can integrate enterprise-level Geographic Information Systems (GIS) and geospatial data with map capabilities and spatial content into new or existing websites and applications from our hosted geospatial data, geoprocessors and viewers. Access to this data and services enhances traditional analytics and decision support tools by providing a geographical/spatial context and meaning to information.

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The following is a summary of the service level tiers:

GIS Access Tier 1- *Accessing Geospatial data on the State's Enterprise GIS environment.*

This tier is for small agencies to access various GIS data sets that are published internal. Typical agency is small and may not have a GIS staff to support the agency. An example of this would be able to access the state's parcel viewer application.

Utilization Tier 1- less than 10% of the items in NEGIS– Projects where an agency has little to no GIS capacity to help them develop a web mapping application. These are simple projects with low complexity and very little maintenance

Tier for the agency that wants to explore and start integrating GIS into their business plan. The agency would have some agency specific data creation and could need editing capabilities either through a web browser or mobile collection. All public facing data and applications would be shared through NebraskaMap.

Utilization Tier 2- agencies have 11% to 25% of the items in NEGIS - *Medium workload, medium complexity for web applications and analysis, increased data storage needs. Several editing or mobile collection activities.*

Tier for the agency that has started to use GIS and is at a level that they are utilizing GIS in their daily operations or trying to build back up from having many licenses and resources in the past and hosting several web applications or rest services. The agency may have authoritative data sources and public facing applications available for consumption on NebraskaMap. The agency could have specific data creation needs as well as a need for more editing capabilities than Tier 1 and the potential to do more field collecting of data.

The agency may have staff using GIS and/or a dedicated GIS staff resource(s).

Utilization Tier 3- agencies have more than 26% of the items in NEGIS – *High complexity for applications and analysis, large amounts of data storage needs, large amounts of licenses, large workload due to size and complexity. Multiple editing or mobile collection activities.*

Tier for the agency that has started to use GIS and is at a level that they are utilizing GIS in their daily operations or trying to build back up from having many licenses and resources in the past and hosting several web applications or rest services. The agency may have authoritative data sources and public facing applications available for consumption on NebraskaMap. The agency could have specific data creation needs as well as a need for more editing capabilities than the previous tier and potential to do more field collecting of data.

The agency may have staff using GIS and/or a dedicated GIS staff resource(s).

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Service Details

Access Tier 1

The following features are available for accessing and hosting data (the back end) for this tier:

- Basic Web Viewer for prebuilt applications for internal use (example: State Parcel viewer)
- Secure File Server access to data such as imagery, elevation, and soils
- Access to DataAxle demographic data
- 1 creator for use in NEGIS

What is **NOT** covered. If agencies would like these items, they are available at an additional cost

- OCIO GIO team time to build the application and process any of the data.
- ArcGIS Desktop Licenses, Extensions or Applications

Utilization Tier 1

The following features are available for accessing and hosting data (the back end) for this tier:

- Access to data such as imagery, elevation (LiDAR and DEM's) and soils
- Access to an Agency Geodatabase and the State's Enterprise Geodatabases
- Access to NEGIS DEV, CAT and PROD environments for the creation of data, REST services, web maps and applications, if agency has GIS staff to do so.
- VertiGIS (Geocortex) Series 5 tools to develop custom widgets.
- Metadata resources and support
- Ability to put Public facing data and applications and site pages on NebraskaMap
- Access to DataAxle Demographic and Geocoding services
- Access to the 1 Spatial Enterprise Software
- ESRI Enterprise Advantage Program Resources
- GIO staff time to help with troubleshooting
- GIS desktop software and extensions that are covered in the Enterprise License Agreement
- Promotion of web maps and applications from environments
- Up to 10 Creators, 5 year-round field workers, 5 seasonal field workers, 2 editors and unlimited viewers in the NEGIS environment across all 3 platforms.

What is **NOT** covered

- Custom web mapping viewers or applications. This would be considered a custom project and would be a custom amount for time and materials.
- Agency specific GIS licenses and modules specified in the Enterprise License Agreement. That would be a separate cost to the agency.

Utilization Tier 2 between 10 and 25% items in NEGIS

The following features are available for accessing and hosting data (the back end) for this tier:

- Access to data such as imagery, elevation (LiDAR and DEM's) and soils
- Access to an Agency Geodatabase and the State's Enterprise Geodatabases

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- Access to NEGIS DEV, CAT and PROD environments for the creation of data, REST services, web maps and applications, if agency has GIS staff to do so.
- VertiGIS (Geocortex) Series 5 tools to develop custom widgets.
- Metadata resources and support
- Ability to put Public facing data and applications and site pages on NebraskaMap
- Access to DataAxle Demographic and Geocoding services
- Access to the 1 Spatial Enterprise Software
- ESRI Enterprise Advantage Program Resources
- GIO staff time to help with troubleshooting
- GIS desktop software and extensions that are covered in the Enterprise License Agreement
- Promotion of web maps and applications from environments
- Up to 50 Creators, 25 year-round field workers, 25 seasonal field workers, 13 editors and unlimited viewers in the NEGIS environment across all 3 platforms.

What is **NOT** covered

- Custom web mapping viewers or applications. This would be considered a custom project and would be a custom amount for time and materials.
- Agency specific GIS licenses and modules specified in the Enterprise License Agreement. That would be a separate cost to the agency.

Utilization Tier 3 greater than 26% percent of items in NEGIS

The following features are available for accessing and hosting data (the back end) for this tier:

- Access to data such as imagery, elevation (LiDAR and DEM's) and soils
- Access to an Agency Geodatabase and the State's Enterprise Geodatabases
- Access to NEGIS DEV, CAT and PROD environments for the creation of data, REST services, web maps and applications, if agency has GIS staff to do so.
- VertiGIS (Geocortex) Series 5 tools to develop custom widgets.
- Metadata resources and support
- Ability to put Public facing data and applications and site pages on NebraskaMap
- Access to DataAxle Demographic and Geocoding services
- Access to the 1 Spatial Enterprise Software
- ESRI Enterprise Advantage Program Resources
- GIO staff time to help with troubleshooting
- GIS desktop software and extensions that are covered in the Enterprise License Agreement
- Promotion of web maps and applications from environments
- Up to 80 Creators, 40 year-round field workers, 40 seasonal field workers, 20 editors and unlimited viewers in the NEGIS environment across all 3 platforms.

What is **NOT** covered

- Custom web mapping viewers or applications. This would be considered a custom project and would be a custom amount for time and materials.

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- Agency specific GIS licenses and modules specified in the Enterprise License Agreement. That would be a separate cost to the agency.

The Enterprise platform supports NebraskaMAP, the official enterprise clearinghouse of geospatial data for Nebraska. Data and map applications that agencies make public will be registered through NebraskaMAP. This includes metadata hosting along with your data. The geodata framework and cataloging of data meets state (NITC) and ISO metadata standards. Data can be searchable and accessed by user agencies to conduct their own spatial analysis for decision making and reporting.

This service **does not** include additional customization to data, map applications, and geoprocessing tools for your project.

Custom geospatial data and web service consulting support and other one-time services are other offerings of OCIO Geographic Information Office and are billed to the respective agencies.

Roles and Responsibilities

The Office of the CIO is responsible for:

- Processing invoices
- Coordinating and publishing data services
- Scheduling and coordinating appropriate planning meetings and training
- Testing and implementation of new software and data
- Resolving production processing problems.

Customers are responsible for:

- Providing billing information
- Providing the name of a technical contact- main agency GIS contact
- Providing data storage and web service needs
- Fulfilling NITC 3-201 Geospatial Metadata Standards (<http://nitc.ne.gov/standards/3-201.html>)
- Participate in training on using the service.

Requesting Service

Contact the OCIO Service Desk with questions or to order Web Application Hosting service. Submit a Service Request via the Service Portal: <https://serviceportal.ne.gov>

Service Expectations, Hours, Availability and Reliability

This environment is running on multiple production web servers for high availability. If there are any problems, on-call staff is available 24x7 to provide any support.

Cost and Billing Information

The fee structure for this service is based on a percentage of items in the NEGIS portals. The fees maintain the enterprise geospatial/GIS platform, software licensing, support staff, storage and other hosting costs for the data, viewers, and applications.

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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

Report problems to the OCIO Service Desk by calling 402-471-4636 or for less urgent problems, direct e-mail to: cio.help@nebraska.gov. Assign any tickets to the GIS/GIO group

As technologies change, so will the methodology of service delivery. Customers will be made aware of these changes and be able to provide discussion and recommendations to OCIO Geographic Information Office.

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

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

cio.help@nebraska.gov

402-471-4636 or 800-982-2468