Data Services

Washington state's Data Services portfolio plays a key role in advancing a connected, data-informed Washington where agencies and communities can leverage high-quality, trusted data to improve decision making, enhance services, and deliver better outcomes. To achieve this, we offer a cohesive ecosystem of enterprise data platforms and shared services that help agencies publish, access, validate, analyze and securely share data. These services are built to support not only transparency and compliance, but also to stimulate meaningful data collaboration across agencies and programs—empowering users to solve problems with shared data, seeing the big picture, and building trust through data transparency and stewardship.

Whether an agency is sharing a public dataset, mapping service areas, validating addresses, or securely analyzing sensitive data, WaTech's Data Services provide the infrastructure, tools and support to make it happen. This shared foundation helps agencies reduce duplication, improve efficiency and accelerate impact. The ecosystem currently includes the following core platforms and services:

- Enterprise Data Platform (EDP) – Secure, governed environment for cross-agency analytics or other forms of data collaborations
- Data Platform-as-a-Service (DPaaS) – Cloud-based environments with customizable controls for individual agency workloads
- Geoportals (public –geo.wa.gov– and secure) – Platforms for publishing geospatial data, maps and stories
- Open Data Portal (data.wa.gov) – Statewide hub for sharing non-spatial, public datasets and dashboards.
- WAMAS (Washington Managed Addressing Services) – Centralized service for validating, enriching and standardizing address data

Helpful information

Service availability
8 a.m. - 5 p.m., Mon-Fri

Related services
Strategic Technology Programs
Integration Tools
Cloud

How to request service
Submit a request for service through our Customer Portal.

Service owner
Irene Vidyanti

Intended customers

These services are designed for state agencies and authorized partners that:

- Share datasets publicly with other state agencies, or with other partners (e.g. local governments, research institutions, Tribal government).
- Visualize and publish geospatial data.
- Require clean and enriched address data.
- Conduct secure, multi-agency analytics on any type (including unstructured data) or category of data.
- Support data-informed decision making across programs or across state agencies.

Users include program and policy teams, data teams, GIS analysts, IT architects, data stewards and planning staff.

Options available with this service

Agencies can choose from a range of flexible options depending on their needs:

Capability	Description
Dataset publishing and sharing	Publish/share data through platforms that support scheduled updates, automation or manual uploads. Multiple data types (such as structured/unstructured, spatial, tabular, streaming) are supported. All categories of data (categories 1-4) are supported.
Metadata tagging and classification	Tag datasets with standardized metadata to improve discovery, governance and alignment with state taxonomies.
Visualization and storytelling	Create interactive charts, dashboards and story maps to communicate data insights. Options include built-in visual tools and publishing templates.
Data access and reuse	Offer public or controlled access to data through APIs, direct downloads, embed options or integration into internal systems.
Secure hosting and analysis	For sensitive data, request cloud-based, HIPAA-compliant environments with scalable compute, governance controls and shared workspaces.

Support models include self-service, co-managed, or full-service configurations depending on agency capacity, project type and complexity. The data team offers consultations to help identify the right combinations/configurations of data services and support model.

Customer engagement

WaTech provides tailored engagement to support adoption and success:
- Consultation and onboarding for publishing, mapping, and analytics use cases
- Templates and training for metadata, automation, change management, and data storytelling
- Governance and advisory participation through the Open Data Advisory Group (ODAG), Washington Geographic Information Council (WAGIC), Geographic Information Technology Committee (GIT), and Data Governance Committee (DGC)
- Office hours, user testing and feedback loops to continuously improve user experience
- Cross-agency pilots, proofs of concept, sandboxes, and collaborative implementation for shared projects

Performance metrics

Platform	Key metrics
Open Data	99.9% uptime, metadata completeness, publishing schedule adherence, agency participation
GeoPortal	99.9% uptime, <5-min sync, map layer access rates
WAMAS	Address match rate, usage count, update frequency
EDP	Platform uptime, avg. onboarding time, number of agencies actively using the platform

Action plan

Current activity
The following activities are advancing shared goals across the Data Services ecosystem:
- Improving metadata, templates, and publishing automation to reduce barriers for dataset publishers
- Enhancing user-facing discovery and dashboards across public and secure platforms
- Supporting agency onboarding for secure data environments and address validation pilots
- Developing new tools to enable collaborative data products and storytelling

One- to two-year goals (2025–2027)

Theme	Goals
Simplify publishing and discovery, and build shared practices	Unify tagging across platforms; improve search and metadata quality; expand visual storytelling tools; standardize intake and support across all data platforms; align governance roles and support playbooks across programs.
Strengthen data infrastructure and support	Scale secure hosting and compute capacity; establish consistent procedures for dataset lifecycle management; support AI/ML readiness; develop analytics-as-a-service models.
Onboard and enable more agencies	Onboard a total of 25 agencies to EDP; expand WAMAS address services; increase open and spatial data publishing participation.

Three- to five-year goals (2027–2030)

Theme	Goals
Create a seamless user experience	Launch integrated search and access control across platforms; enable federated dataset discovery and provisioning.
Enhance support for statewide collaboration	Continue to build tools and promote practices that enable joint analysis, shared dashboards, and bundled services across agencies.

Finance
Revenue source
Services are currently funded through a combination of enterprise allocation and fee-for-service tiers. Budget projections are being consolidated across platforms to reflect integrated service delivery and long-term sustainability. For data services utilizing fee-for-service models, planned efforts include cost transparency dashboards and a pricing framework aligned to usage and support levels.