

# Enterprise Architecture

Last updated 02-07-2023

Enterprise architecture (EA) ([RCW 43.105.265](#)) translates business vision and strategy into effective enterprise change. EA helps depict how information, business and technology work together to accomplish the state's business objectives. One of EA's major value propositions is establishing shared, common solutions and reusing strategic technology resources across the state. EA measures success through several key measures, including the number of designated statewide enterprise IT services and number of agencies consuming those enterprise IT services.

EA also provides a critical research and analysis function. The program helps guide the state in the assessment and adoption of new technologies such as the cloud, Internet of Things (IoT), machine learning and other emerging technologies that will drive the digital transformation of state government. In the state operating model, EA's success requires a collaborative, business-outcome-driven approach that focuses on consistent partnership with agency business and technology leadership. Additional information can be found on the [Enterprise Architecture page](#).

## Intended customers

The EA Program serves all state agencies, boards, and commissions applicable under [RCW 43.105.265](#).

The goal of EA is to effectively consult and support state agency end-to-end architectural design process and strategy development through working collaboratively with customers to further understand their enterprise IT strategy, their agency business needs, goals, and objectives, and keep WaTech staff informed about how products and service offerings align with customers' requirements.

EA also offers consulting services focused on enhancing the enterprise architecture maturity of supported agencies.

## Options available with this service

Enterprise architecture consultations (for projects, programs, or system designs) are available to agencies upon request. Common outputs include architectural principles, conceptual models, and contextual models.

The EA Program may also provide dedicated architectural support via interagency agreements upon request.

## Customer engagement

- WaTech's Chief Architect leads the Monthly Enterprise Architecture Committee (EAC), which includes state-wide architecture representation and is focused on statewide initiatives and promoting EA maturity across the state.
- The Chief Architect also presents monthly at the Technology Management Council (TMC) and Business Management Council (BMC) on the state of Enterprise Architecture and the priorities of the EA community.
- EA is a partner in the multi-disciplinary (#OneWaTech) oversight team in support of agency and project success, and provides dedicated resources to large Statewide programs (e.g. One Washington, HHS Coalition).

Additionally, EA updates are provided through standard WaTech communications, as needed, including:

- WaTech also conducts regular customer engagements to solicit feedback, provide updates and inform agencies on emerging projects, initiatives, and services.
- Monthly Technology Management Council (TMC) and Business Management Council (BMC) meetings for agency CIOs and IT leaders to inform and sponsor enterprise strategy, policy and investments.

## Helpful information

### Service category

Enterprise Programs

### Service availability

24/7/365

### Planned maintenance

N/A

### Related services

- Cloud Computing Program
- Identity and Access Management Program
- Geospatial Program

### How to request service

Submit a request for service through our [Customer Portal](#).

### Service owner

Nicholas Stowe

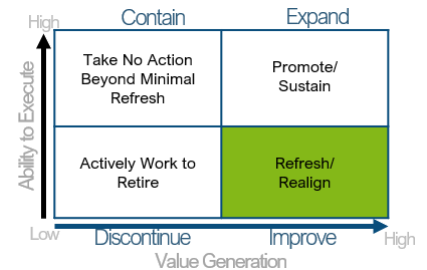
- Regularly scheduled meetings between customers and Business Relationship Managers (BRM) to connect, advise, address concerns and provide solutions.
- Weekly group calls for state CIOs and CISOs to provide updates on important and immediate issues and actions.
- Regular outreach to solicit feedback, provide updates and inform agencies on emerging projects, initiatives, and services.

## Action plan

### Current Activity

WaTech is pursuing efforts to enhance statewide EA maturity, including:

- Developing an updated EA strategy for the state, producing an EA vision, mission, principles, objectives, and a roadmap that improve the State’s ability to make effective and efficient technology investments
- Improving the effectiveness of statewide EA Governance.
- Leading the statewide Identity Management initiative.
- Brokered EA-as-a-service delivery models.



### One- to two-year goals

- Develop a statewide EA strategy and framework, including more detailed key performance indicators for Enterprise Architecture.
- Establish an EA modeling tool that can be leveraged by agencies to improve their IT planning and design capabilities by modeling their technology portfolio, leading to better, more informed decisions on technology changes or new technology investments.
- Establish statewide domain experts for data, integration, and identity.
- Establish additional enterprise services based on agency demand and opportunity (e.g. Identity Management, Security, etc).
- Develop EA awareness material for State business and technology leaders to improve the effectiveness of EA across the state.
- Incorporate EA service requests through Service Now

### Three- to five-year goals

- Establish the nation’s leading state EA program.
- Establish a framework of adaptive communities of practice to promote collaboration on emerging or in-demand technologies.
- Agencies are empowered with re-useable EA strategies, tools, artifacts, and principles to achieve successful, sustain IT changes.
- Increase the number of established enterprise services in high-demand areas (data analytics, data integration, master data management).

	Jan 2022	Dec 2022	Jan 2023	Dec 2023	Jan 2024	Dec 2024	Jan 2025	Dec 2025
EA Strategy	Establish and staff EA Program		Develop EA Strategy	◆ Publish EA Strategy				
			Develop EA framework to support strategy	Deploy EA framework	Refine EA framework			
EA Tools	Refine/Validate EA tool requirements		WaTech EA Rollout of Tool	Pilot agency rollout of EA tool	Deploy EA Tool to agencies			
EA Resource Library	Form cross agency work group	Identify content for library	Develop and publish content		Continue to build resource library			
EA Policy Modernization	Create/modify enterprise architecture policies and standards							

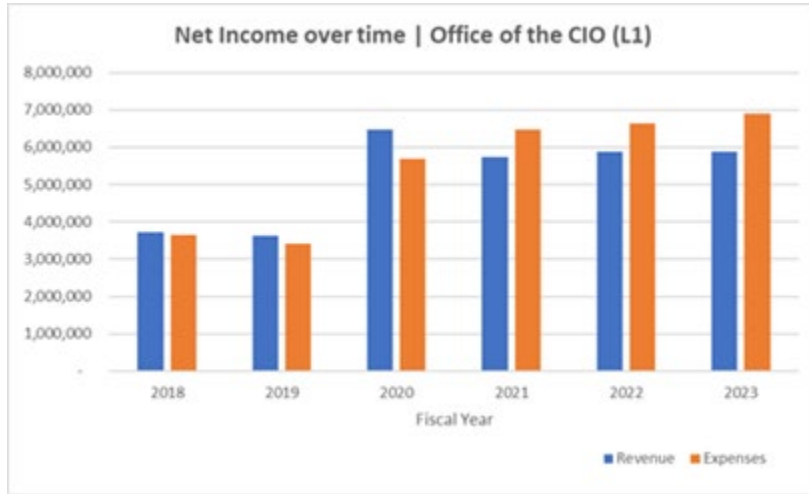
## Finance

### Revenue source

The service is bundled and funded using revenue from the OCIO central service model.

Funding for the OCIO central service model is based on actual agency IT FTEs. OFM provides a count of actual IT FTEs. For higher education institutions (four-year institutions and the community and technical college system), only IT FTEs that support administrative functions of the institutions are counted. Instructional staff, hospital staff and other non-administrative portions of the agencies are exempted from the FTE counts. OFM maintains the source data for budgeted FTEs.

**Net Income over time <sup>1</sup>**



<sup>1</sup> Figures for FY 2018 through FY 2022 represent actuals. FY 2023 is based on projections.

**Decision packages**

WaTech submitted a funding request for a FTE and tools to support the EA program in the 21-23 biennial and 2021 Supplemental budgets. Funding was not provided.