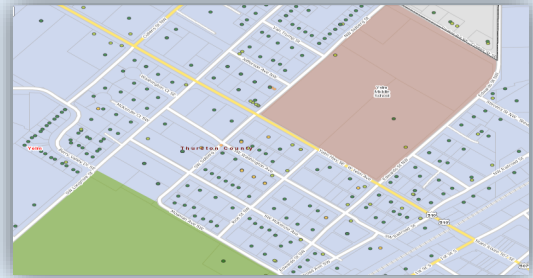# Washington Master Addressing Services (WAMAS)

What is WAMAS?

WAMAS is a set of tools that allow users to **accurately format and locate an address**. Addresses are used throughout all levels of governments to **contact customers & voters, determine sales tax, investigate tax fraud, respond to emergencies, place sex offenders** and more.

WAMAS points used to correct addresses.

The current WAMAS project is the result of agency requests, the Innovation Lab at the OCIO and hard work. WAMAS is a pre-production system that took only 3 months to prove its *Return on Investments.* WAMAS is planned to be **offered as an enterprise service**.

Why WAMAS?

Did you know that the population in Washington grew by over 100,000 people in 2015? And over 34,400 housing units were added in 2015 alone? That's a lot of new citizens and addresses. This trend is expected to continue annually well into 2040. Unlike third party data providers which routinely have 20-30% of addresses incorrectly located on a map, WAMAS starts with **the source... the county addressing authorities** to add, correct and improve the data on a daily basis.

- More accurate than the Post Office.
- Fixes problems before they start.
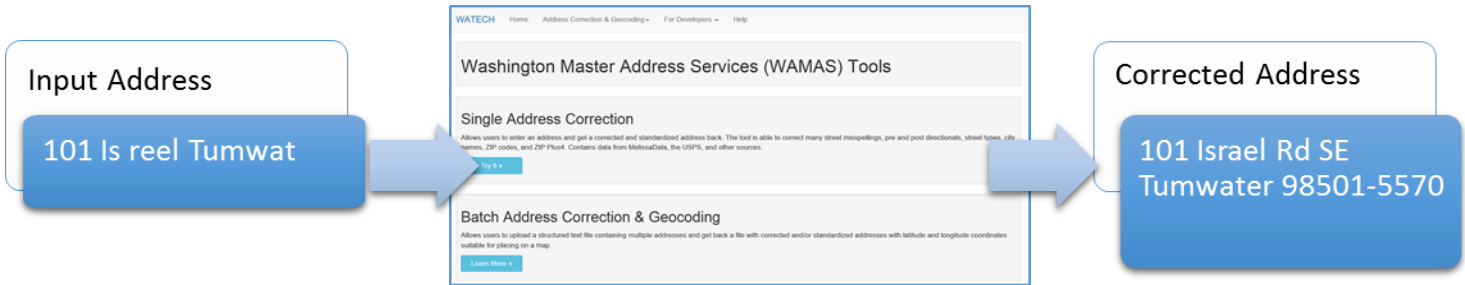- Solves customers problems.
- Improves emergency response.

Return on Investment

Indirect benefits already include a more accurate jury pool, less state employee time spent correcting addresses, and an updated zip code boundary for emergency dispatch. But don't just take our word for it, look at the numbers. The pilot project has already produced the following benefits since being launched in April 2016:

- Use by 18+ state, local, and tribal entities.
- 42 million addresses standardized in 3 months.
- APIs will run in web, desktop, server & mainframes.
- Estimated to save 15 agencies $618,000/year.
- Additionally, WaTech alone could save $272,000/year in mainframe addressing software.

HOW ARE THE ADDRESSES PROCESSED?

The strength of WAMAS is the comprehensive address location database that is corrected and maintained by a broad, qualified community of users.

Rd SW   Israel Rd SE   Israel Rd SE

Capitol Blvd

101 Israel Road Southeast

Input Address

101 Is reel Tumwat

WATECH   Home   Address Correction & Geocoding ▾   For Developers ▾   Help

Washington Master Address Services (WAMAS) Tools

Single Address Correction

Allows users to enter an address and get a corrected and standardized address back. The tool is able to correct many street misspellings, pre and post directionals, street types, city names, ZIP codes, and ZIP Plus4. Contains data from MelissaData, the USPS, and other sources.

Try It »

Batch Address Correction & Geocoding

Allows users to upload a structured text file containing multiple addresses and get back a file with corrected and/or standardized addresses with latitude and longitude coordinates suitable for placing on a map.

Learn More »

Corrected Address

101 Israel Rd SE
Tumwater 98501-5570

WAMAS uses a variety of reliable data sources to make this happen.

HOW CUSTOMERS ARE USING WAMAS

Standardizes and formats addresses correctly for mailing (CASS certified).

Determines **associated geography for an address** including X,Y coordinates, watershed, zipcode, legislative district and other identifying information associated with a corrected address.

Helps detect circumstances that may indicate exposure of vulnerable persons to sex offenders by standardizing and **linking addresses**.

Convert addresses to USPS format and x,y coordinates to validate Broadband provider service areas and claims for Broadband speeds.

GET INVOLVED! USE WAMAS TODAY!

We can help you get started. Request access by emailing the **Access Request Form** on the WAMAS website to wamas@watech.gov.   What you will need:

- Static IP Address
- Address data in expected format (e.g. standardized column names)
- Determine which service you want to use (e.g. API's within an application, Excel spreadsheet, batch processing)

Sept 28, 2016