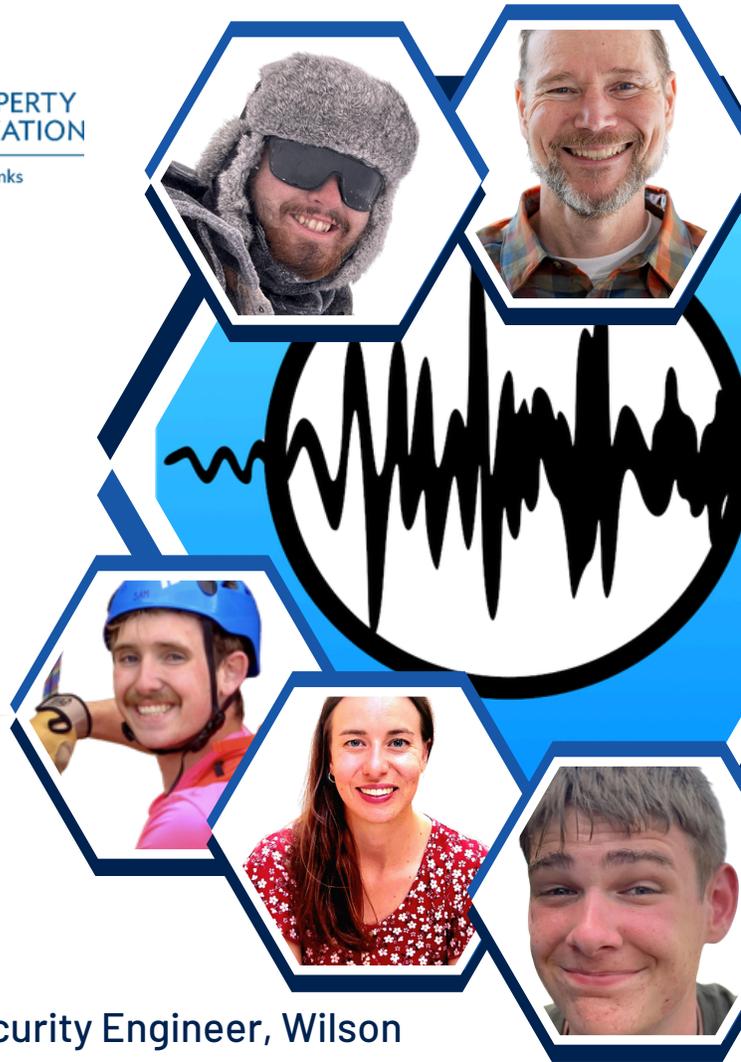


2025
Creative Award
BEST STAFF DISCLOSURE

Waveform Anomaly Reporting Platform (WARP)

Innovators:

Kyle Ketchell | Dr. Ken MacPherson | Juliann Colwell | Sam Delamere | Ryland Sacker | Luke Blom



- Developed by Kyle Ketchell, Network Security Engineer, Wilson Alaska Technical Center (WATC); Kenneth MacPherson, Seismo-Acoustic Research and Operations Scientist, WATC; Samuel Delamere and Juliann Colwell, Seismo-Acoustic Research and Operations Analysts, respectively, WATC; Ryland Sacker, Computer Science student, CEM; and Luke Blom.
- WARP is a standalone software platform that automates quality assurance for heterogeneous geophysical networks (seismic, infrasound, and meteorological).
- It is an all-in-one suite combining metric generation, threshold alerting, and issue tracking with a user-friendly interface deployable in minutes.
- It is the only tool to bridge the infrasound-seismic gap, providing "PhD-level" insights via a scalable system that replaces fragmented, manual workflows.

