



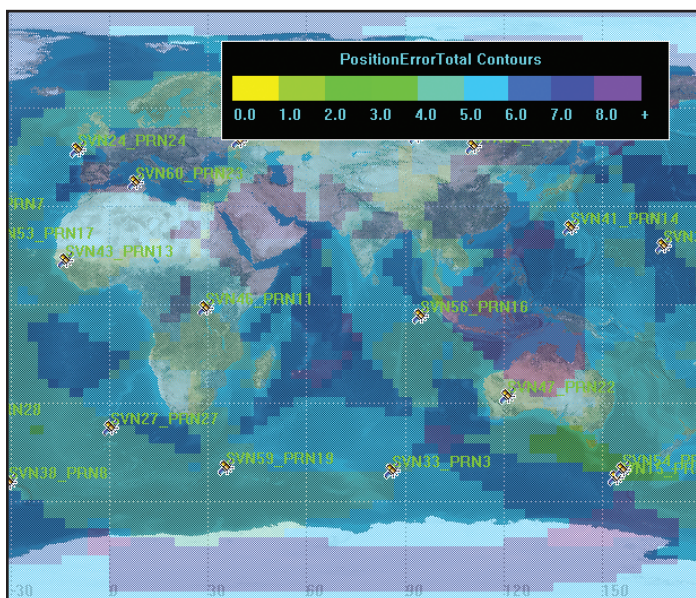
navtk NAVIGATION TOOL KIT

NAVTK PROVIDES SOLUTIONS

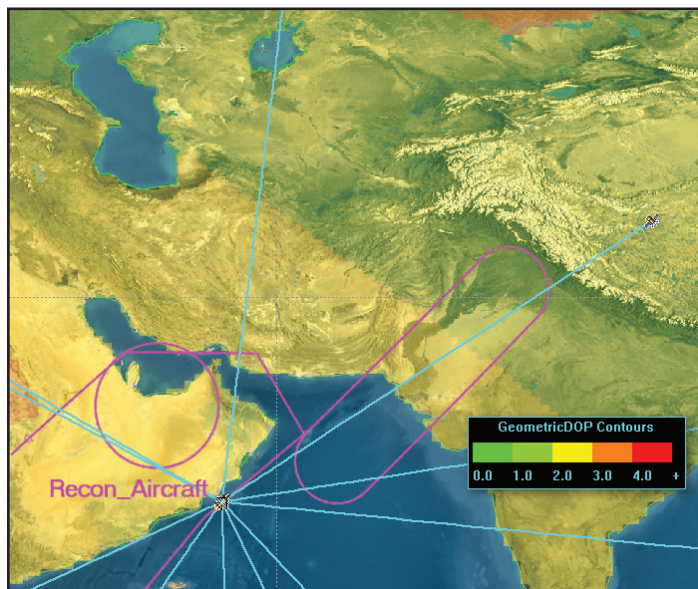
Navigation Tool Kit (NavTK) is a software application that analyzes and predicts how well navigation equipment performs in complex environments.

- Utilize up-to-date satellite outage, performance, and prediction data
- Compute coverage, receiver-based accuracy, and availability
- Perform parametric, batch, and difference analyses
- Use parallel processing for enhanced system performance

NavTK provides the Satellite Navigation (SATNAV) community with a comprehensive software analysis tool to address these challenges, while offering users the ability to answer the most fundamental question—"how accurately will Global Navigation Satellite Systems (GNSS) support my specific application at a particular time and location?" NavTK provides the highest level of fidelity by addressing the major factors affecting GNSS performance via industry-standard algorithms, precise satellite data, and real-world platform and receiver modeling. With a self-guiding interface uniquely tailored to the workflow and requirements of the SATNAV community, NavTK sets the standard for ease of use among detailed technical analysis applications.



Analyze real-time navigation accuracy to improve situational awareness for your mission.



Rapidly understand and control your navigation environment through the use of globally derived GNSS data.

AIR

Define customizable platform routes. Characterize effects of body masking, antenna location, and type. Understand the impact of electromagnetic interference and jamming on proposed missions.

SPACE

Accurately model constellation status and satellite position, or model your space platform's navigation performance. Analyze effects of actual and hypothetical satellite outages. Calculate information such as satellite visibility, ranging data, and time transfer errors.

LAND

Use terrain elevation data with the TIREM model to analyze ground navigation performance. Assess navigation support for proposed routes and other areas of interest.

SEA

Use waypoints and lines of bearing to define maritime routes. Use GPS correction information to refine measurements from past maneuvers.

If you would like to learn more about the NavTK, please contact AGI at 1.800.220.4785 or 1.610.981.8000, or explore www.agi.com/navtk for product details.