

# APPLICATION AREAS

- ▶ AIRCRAFT & UAV SYSTEMS
- ▶ C4ISR
- ▶ COMMUNICATIONS & ELECTRONIC WARFARE
- ▶ GEOSPATIAL INTELLIGENCE
- ▶ MISSILE DEFENSE
- ▶ NAVIGATION
- ▶ RANGE SAFETY
- ▶ SPACE EXPLORATION
- ▶ SPACE SUPERIORITY
- ▶ SPACECRAFT MISSION DESIGN & OPERATIONS



## THE AGI DIFFERENCE

- Widespread use since 1989
- Free software development kits
- Validated and verified software
- Patented intellectual property
- Award-winning training and user events
- Dynamic modeling, design and visualization
- Easy integration with other systems and tools
- Dedicated development, testing and support
- Scalable
- Operationally proven



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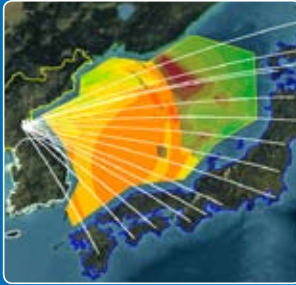


## RIGHT ANSWERS. RIGHT NOW.

40,000 users worldwide solve their analysis problems using AGI software for system design, simulation and operations.

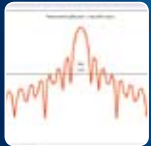
**More than 1.5x faster. 4x more productive. 50% cost reduction. 48% ROI realized.**

For two decades, space, defense and intelligence professionals have turned to AGI's commercially available software to win contracts and capture repeat business.



**Handle the unexpected** requirements creep or mission anomaly with software that is already at your fingertips.

**AGI software saves time,** avoids the cost of reinvention and reduces risk associated with unproven tools.



Built on a time-dynamic, physics-based geometry engine, the software answers fundamental questions essential to solving dynamic analysis problems including:

- *Where are my assets and how are they oriented?*
- *What can my assets "see" and what can see them?*
- *What is the quality of the relationships?*

## DESKTOP APPLICATIONS



### ▶ STK SOFTWARE SUITE

AGI's flagship product, STK, calculates position and orientation, evaluates intervisibility times, determines quality of dynamic and spatial relationships and integrates those capabilities with other desktop applications.



### ▶ NAVIGATION TOOL KIT (NavTK)

NavTK software accurately predicts how GPS-dependent equipment will perform in complex operating environments, including those with jamming and interference.



### ▶ ORBIT DETERMINATION TOOL KIT (ODTK)

ODTK provides highly accurate satellite- and tracking-system modeling in an operational environment. It includes a state-of-the-art optimal sequential filter and smoother and models Earth motion, deep space and atmospheric environments.



### ▶ AGI VIEWER

AGI Viewer, a free interactive 3D viewer of STK analysis, increases workplace coordination and productivity by allowing you to share, modify and interact with STK scenarios.



## APPLICATION ENGINE

### ▶ STK ENGINE

Software developers and system integrators can quickly and easily incorporate all or parts of AGI's core capabilities into customized applications. The software is ideal for integrators who wish to develop, deploy and support mission-specific applications for large programs or third parties.

## SOFTWARE COMPONENTS

### ▶ AGI COMPONENTS

Built on the same proven algorithms as STK, AGI Components are the core functions of AGI software packaged as low-level libraries. Leverage AGI's analysis and visualization power to build portable thin clients, Web applications and network-centric architectures.

