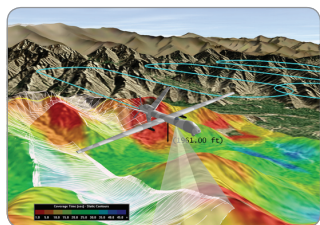
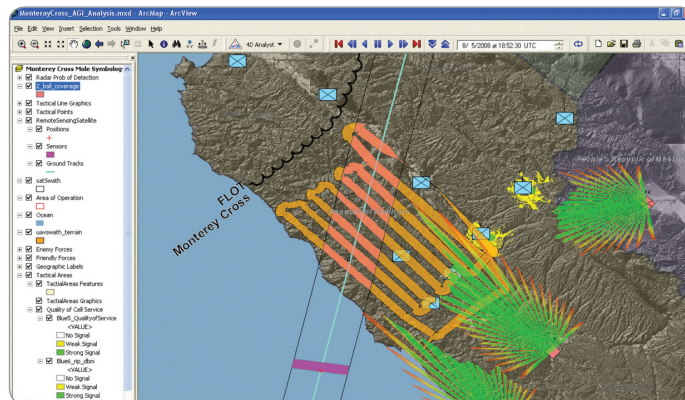


DYNAMIC ANALYSIS SOFTWARE FOR IMPROVED C4ISR DECISION SUPPORT

AGI software for C4ISR solutions

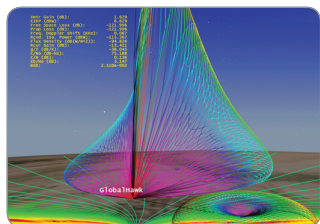
AGI analysis software generates and publishes dynamic analyses for improved decision making. Integrators use AGI software to create custom decision aids that are integrated with other commercial and proprietary software elements to form a cohesive C4ISR solution.

Decisions such as which sensor to task for an unplanned target, where to direct forces while ensuring communications connectivity, and how to place airborne surveillance assets while avoiding enemy radar, can be optimized when the following are considered:



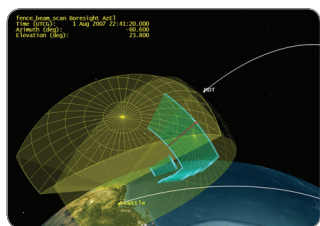
Dynamic platform & sensor modeling

Model a sensor and its associated dynamic platform over time. By including constraints such as lighting conditions, terrain, NIIRS image quality, etc., it is possible to generate an accurate depiction of past, present, and predicted sensor coverage.



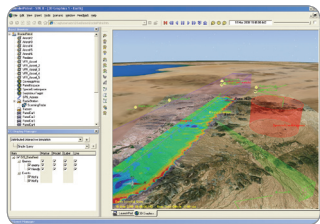
Communication link analysis

Determine received signal quality over an area of interest by modeling receivers and transmitters for each platform, complex antenna patterns, and effects of terrain, atmosphere, interference and jamming. Share results as communication availability maps or to support further geospatial analysis.



Radar system performance

Model ground- or air-based radar systems to provide an assessment of system effectiveness and/or probability of detection. As with communication system modeling, applying real-world obscura such as terrain and atmospheric effects allows for more accurate analysis.



Real-time data feed integration

Import real-time entity data, to which various analytical capabilities can be associated.

For more on improving C4ISR decision support with AGI's dynamic analyses, e-mail info@agi.com.