Model, analyze and visualize ISR systems with AGI software and achieve a clear understanding of system performance and mission effectiveness. Assemble mission assets such as satellites, aircraft, ground vehicles and sensors to model complex ISR systems and evaluate overall performance against mission objectives. In other words – use AGI software to help you make better decisions faster. AGI delivers its software right off the shelf or we can work with you to build a customized ISR solution.
Example Applications

**Persistent surveillance**
Fuse real-time Multi-INT data to detect, locate, track and engage time-sensitive targets. Predict system performance for persistent surveillance missions. Identify trends and detect anomalies from historical data.

**Situational awareness support**
Build a world-class common operating picture (COP) based on commercial off-the-shelf (COTS) software that supports: full motion video (FMV); blue, red and neutral force tracking; geometric sensor modeling; communications links; GIS data; and ISR assets.

**Communication system modeling**
Use wireless link analysis for antennas to model and analyze antenna gain patterns, wireless signal propagation, hardware-in-the-loop simulations and link budgets.

**Support for video and imagery exploitation**
Facilitate targeted searches of cataloged video and imagery by increasing the searchable attributes to include geometric, lighting and temporal conditions. Return the precise times where video and imagery match specified requirements.

**Modeling and simulation software for training**
Account for communication link interference, body masking of sensors, lighting conditions and the availability of operational space-based assets for higher-fidelity modeling and simulation. Achieve unprecedented decision-quality knowledge in battlefield training simulations.

Example Implementations

- **Cloud**
  Effectively implement AGI software as web services to meet mission requirements.

- **Thick or thin-client architecture**
  Easily integrate and interoperate with a wide range of systems.

- **Mobile**
  Bring AGI software into lightweight clients to utilize its capabilities through a range of interfaces.

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