

Built on AGI's Real-Time Tracking Technology (RT3), the RT3 Extension displays and analyzes data feeds in STK, STK Viewer, and custom applications built with AGI's STK Engine technology.

The RT3 Extension works with live and simulated data feeds by providing integrated tools to filter tracks, define events and alerts, and archive live data for playback.

Situational displays

Out of the box integration with AGI's 2D and 3D visualization capabilities can quickly turn a stream of bits into an interactive display that incorporates terrain, imagery, maps, and other geospatial data.

Interpret and monitor data

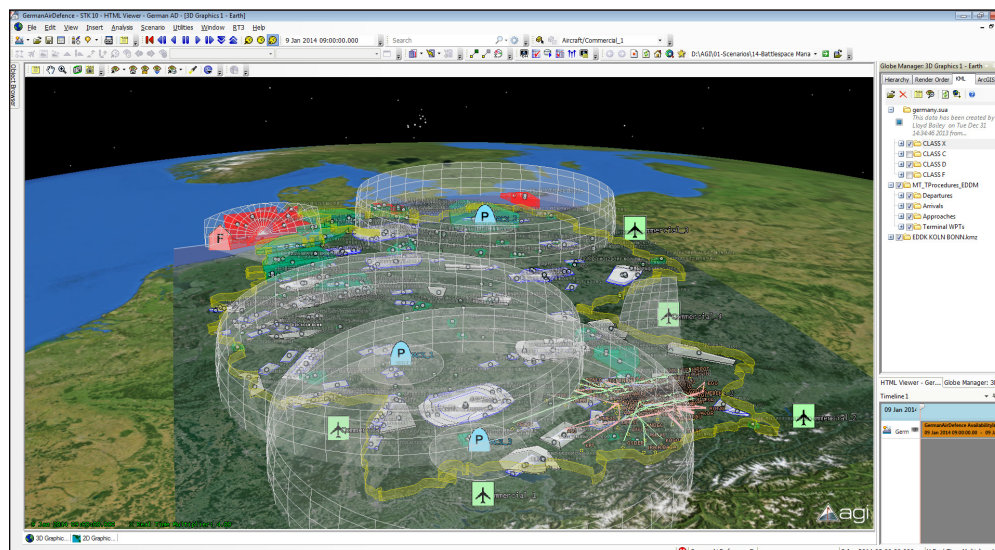
Set up and dynamically reconfigure displays to suit immediate needs and provide background processing to draw attention to important events.

Off-the-shelf analysis

Make better decisions with off-the-shelf analysis. The RT3 Extension supports operations planning and decision-making by exposing archived data to offline STK analysis such as line-of-sight access, range to target, sensor coverage, communications link budgets, radar performance, and more.

Multiple simultaneous data feeds

Create a consolidated display of all the data you need even when it comes from multiple independent sources and in different formats.



Display filters

Monitor large volumes of data more effectively with automated event detection. Specify event criteria using conditional logic on position and associated data, get notified when events occur, and review logs to check for past events.

Events and alerts

Interpret your data better by managing what gets displayed and how it appears. Use dynamically reconfigurable filters on position and associated data to hide or display certain data and specify colors, symbology, and other graphical properties.

Assign actions

Automate standard responses by assigning actions to event definitions. Actions can include playing an audio clip, sending an email, running a report, or executing STK functionality.

Archiving and playback

Support activities such as offline analysis, event reconstruction, and training by recording incoming data feeds, and replaying any portion when needed.

Available data feed readers

- STANAG 4609 - NATO Digital Motion Imagery Standard
- COT (Cursor on Target)
- STANAG 4607 - NATO Ground Moving Target Indicator Format
- NMEA (National Marine Electronics Association)
- Link 16
- TENA (Test and Training Enabling Architecture)
- DIS and HLA
- Esri Tracking Server
- NRTI (Near Real Time Interface)