



## TCG ADS-B

Automatic Dependent Surveillance-Broadcast.  
Data Links Simplified

### Key Features

- 978 MHz and 1090 MHz operation
- Mode S support with ES
- Active and passive mode operation
- Automatic track correlation

### Applications

- Enhanced situational awareness
- Enhanced training and flight safety
- Link 16, JREAP, SIMPLE, SADL, and DIS operations, training, and tactical display

### Enhancing TCG BOSS® and TCG GTS®

Curtiss-Wright's **TCG Automatic Dependent Surveillance-Broadcast (ADS-B)** capability provides precise, real-time situational awareness for local civilian and commercial air traffic. By adding ADS-B data processing to your TCG BOSS or TCG GTS, you can increase situational awareness by including non-data link reported, real-time air tracks into your common operating picture.

### Real-time Correlation and Filtering

ADS-B data is automatically correlated with existing Link 16 air surveillance tracks and Precise Participant Location and Identification (PPLIs) or be reported as new surveillance tracks creating a more complete air picture. This detailed air picture allows for greater safety of flight for training in ranges, special-use airspaces, and battlefield operations. Advanced geographic and altitude-based filtering allows operators to focus only on areas of interest. Tracks can be filtered by center point, range, and altitude, reducing clutter and presenting only the air traffic that matters to your mission.

### Complete Coverage

TCG ADS-B provides support for ADS-B 978 MHz, 1090 MHz, and Mode S with enhanced surveillance. It can be operated in both active (reported on Link 16) and passive (local display only) modes.

Curtiss-Wright is the leading independent supplier of TDL software solutions for military communication systems. Curtiss-Wright's comprehensive portfolio of TDL testing, training, simulation, and battlefield operations solutions provide warfighters with proven multi-link communication capabilities that optimize performance and increase mission effectiveness, and is the leading TDL solution set used by militaries around the globe.

### Ordering Information

Contact [Curtiss-Wright](#) for ordering information.