

Air Traffic Monitoring Tool : AEROPGLG02

The Air Traffic Monitoring Tool is an interactive GIS demonstration created by Generic Logic Inc. using the **GLG Toolkit** to build dynamic, real-time Human-Machine Interfaces (HMIs). It combines the GLG Map Server for background cartography with custom, vector-based graphics to track and visualize airborne objects and radar trajectories.

Key Capabilities and Features

- **GIS Integration:** The GLG Map Server provides a rich map layer (without requiring constant internet access) upon which dynamic, data-driven icons are overlaid.
- **Real-Time Data Streams:** It supports live data ingestion (such as GPS coordinates, altitude, and heading) using socket programming for real-time telemetry tracking.
- **Cross-Platform Deployment:** Built visuals can be exported across multiple platforms, including C/C++, Java, C#/.NET, and HTML5/JavaScript for web and mobile browsers.
- **Customizability:** Using the GLG Graphics Builder, engineers can build and configure custom radar trajectory simulators and flight control displays without manual coding.

Try the Demos

You can explore the live capabilities of this tool by trying the online demos provided by Generic Logic:

- 🚦 Run the HTML5 & JavaScript Air Traffic Control Demo directly in your browser.
- 🚦 View server-side alternatives and additional modules on the GLG Map Server Demos Page.
- 🚦 Download the GLG Toolkit Community Edition to prototype your own air traffic GIS objects.

If you want to build a similar application, let me know:

- ✚ What **framework or programming language** (e.g., C++, Java, JavaScript/React, .NET) are you using?
- ✚ What **data sources or APIs** are you connecting to for the flight telemetry?

OS & HARDWARE SUPPORT	INDUSTRY APPLICATION

Note: ** Specifications are copied from manufacturer data. Please contact before buying.