

AVIONICS HMI BUILDER TOOL: AEROPGLG01

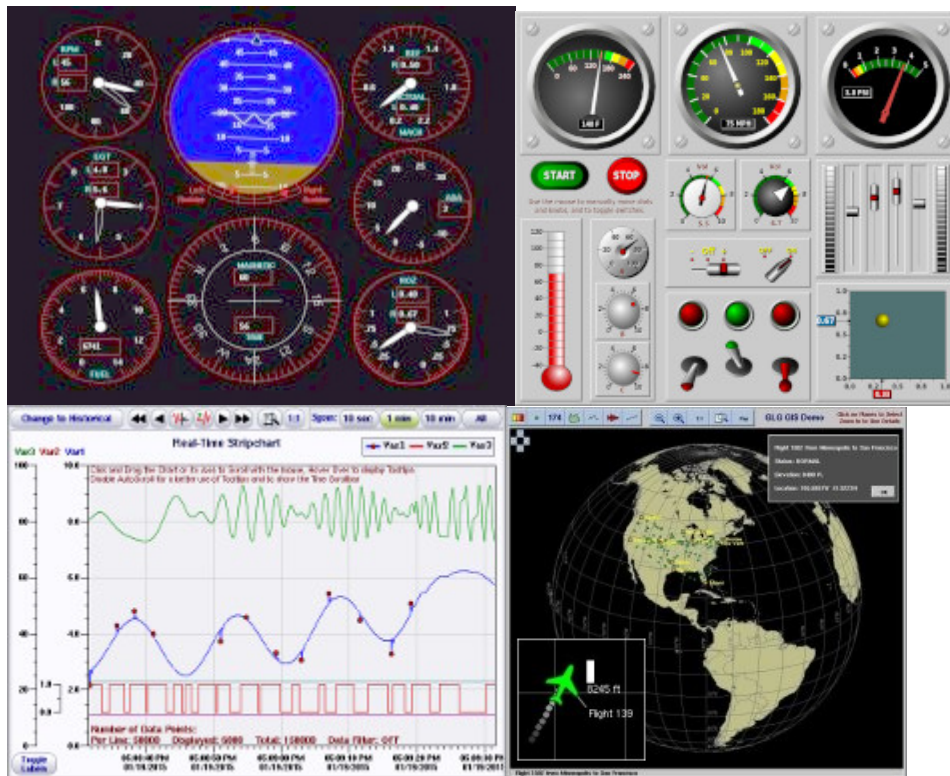
The GLG Toolkit is a cross-platform HMI and SCADA development suite used to build dynamic, data-driven avionics displays and flight instrumentation. It provides an open graphical framework for designing high-performance vector graphics that can be deployed across desktop, web, and embedded systems without rewriting code.

Key Avionics HMI Development Tools

-  GLG Graphics Builder: A point-and-click graphical editor used to design custom avionics displays, define interactive behaviors, and attach real-time data sources.
-  Pre-Built Widget Libraries: Includes a large palette of avionics-specific components such as altitude indicators, vertical speed indicators, artificial horizons, compass roses, dials, and gauges.
-  Open Data API: Decouples the graphical interface from your backend data acquisition systems, allowing seamless integration with flight computers, telemetry, and simulation software.
-  GIS Map Server Component: Enables the creation of integrated moving-map displays and situational awareness screens that operate with or without an internet connection.
-  Deployment and Integration
 -  Desktop: Cross-platform native libraries for C/C++, C# (.NET), and Java.
 -  Web & Mobile: JavaScript, React, Angular, and Next.js libraries for displaying HMI screens directly in standard web browsers.
 -  Embedded: Supports ARM boards and real-time operating systems, allowing you to use the same design files you created on a desktop system directly in an embedded LCD avionics display.
 -  For developers looking to test the platform before committing, the Community Edition is available as a fully functional download containing the Graphics Builder and all widget sets.

If you want, let me know:

- ✚ What frameworks (C++, C#, Java, JavaScript) are you currently using for your avionics project?
- ✚ Do you need assistance setting up the GIS Map Server or building custom flight instruments?



GLG Dials, Meters and Gauges

- ✚ Dials and Meters, Avionics Gauges
- ✚ Custom Toggles, Switches, Buttons, Spinners, etc.
- ✚ Real-Time Charts and GIS
- ✚ Graphics Builder for editing and creating new widgets
- ✚ Multiple Deployment Options:
 - DLLs for C/C++
 - C# User Control and Class Library for .NET
 - ActiveX Control for .NET
 - Java Bean and Class Library for Web or Desktop
 - AJAX Graphics Server for Web or Mobile Dashboards
- ✚ Cross-Platform or Web and Mobile deployment

Features & Benefits

The GLG Toolkit contains a large collection of dials, meters, gauges, custom buttons and toggles, and many other widget components. The components may be used as individual widgets or combined into elaborate dashboards that contain multiple widgets. Each widget can be updated with real-time data and can take user input.

Interactive Editing and Creating New Widgets

All GLG widgets are highly configurable and may be customized using the GLG Graphics Builder. The Graphics Builder may also be used to create custom instrumentation dashboards or control panels, as well as create new widgets with custom look and feel.

At run-time, an application uses the GLG library to display the widgets, update them with real-time data and handle user interaction. Various deployment options are available for a variety of programming environments and platforms.

Additional Components and Deployment Options

In addition to the Dials, Meters and Gauges, the GLG Toolkit includes the Graphics Builder, Real-Time Charts and many other components, as well as a choice of C/C++ DLLs, a C# User Control and a Class Library, an ActiveX Control or a Java class library for embedding GLG widgets and components into desktop or Web applications. The GLG Graphics Server is also provided for Mobile deployment.

OS & HARDWARE SUPPORT	INDUSTRY APPLICATION

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