

PRESS RELEASE
For Immediate Release

DiSTI Unveils GL Studio 8.4: Smarter, Faster, and More Secure Than Ever

The new release introduces built-in cybersecurity reporting, automatic polygon optimization, and seamless cross-platform video integration.

Orlando, FL (November 18, 2025) – The DiSTI Corporation, the world's leading provider of graphical user interface development tools, is proud to announce the release of GL Studio 8.4. This latest update delivers significant enhancements focused on cybersecurity, performance optimization, and streamlined embedded development, continuing DiSTI's commitment to innovation and reliability across mission-critical and safety-critical applications.

GL Studio 8.4 introduces cybersecurity testing and reports, an automatic polygon optimizer, out-of-the-box experience improvements for GL Studio ES, and a cross-platform video integration solution. These updates enhance both the user experience and system performance, ensuring developers can deliver faster, more secure, and more dynamic graphical interfaces than ever before.

Key Highlights of GL Studio 8.4

Cybersecurity Reports

GL Studio 8.4 enhances product integrity by introducing expanded cybersecurity measures and providing Software Bill of Materials (SBOM) reporting, now available by default across all GL Studio products. This new feature aligns with Executive Order 14028, which emphasizes the critical importance of transparency in software supply chains. With these updates, users gain a comprehensive inventory of software components, empowering development teams to meet the increasing cybersecurity compliance and traceability standards essential for aerospace and defense applications. This proactive approach not only bolsters security but also ensures compliance with federal requirements, reinforcing the integrity of software used in DoD environments.

Automatic Polygon Optimizer

A new automatic polygon optimizer package analyzes and reduces unnecessary fill drawing, ensuring all polygons within a design are optimized for maximum rendering performance. This results in smoother visuals and faster runtime, an essential advantage for automotive embedded systems and safety-critical displays.

Out-of-the-Box Experience: ES

GL Studio ES continues to evolve with significant workflow and usability improvements. From

simplified deployment to enhanced licensing, documentation, and build processes, this update ensures a smoother experience for embedded system developers, accelerating the prototyping and production of automotive clusters and in-vehicle infotainment (IVI) systems.

Cross-Platform Video Integration

The new GLsMultimedia package introduces a cross-platform solution for integrating video and audio content into GL Studio applications. Supporting both local and network-based media streaming, the customizable GStreamer render pipeline makes it easier than ever to deliver rich multimedia content seamlessly across a wide variety of target platforms.

Additional Improvements and Fixes

GL Studio 8.4 also includes a variety of quality-of-life enhancements and bug fixes requested by the community, such as:

- Method overloading and virtual method overrides within the editor
- Improved .gls file load performance
- Searchable logs and resizable editor windows
- 64-bit Raspberry Pi builds and WebGL debugging support
- Enhanced shapefile rendering in GLsMapToolkit
- Brighter visual feedback in the GuiTestFramework

Compatibility updates include support for Ubuntu 24.04 and the retirement of support for Windows 10 and Visual Studio 2015, keeping GL Studio aligned with current industry standards.

Engineered for Performance, Security, and Longevity

After 11 months of dedicated development, GL Studio 8.4 represents another significant step forward for DiSTI's mission to empower developers to create high-performance, secure, and reliable HMIs across industries.

In the automotive industry, GL Studio 8.4 simplifies the creation of responsive, embedded UIs that deliver real-time performance even on constrained hardware. In aerospace and defense, enhanced cybersecurity and transparency ensure compliance and integrity throughout the development lifecycle.

For individuals seeking to learn more about getting started with GL Studio or other software development solutions provided by DiSTI, please reach out to sales@disti.com

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About DiSTI Corporation

The DiSTI Corporation is the world's leading graphical user interface software provider. Our flagship product, GL Studio, delivers advanced high-performance 3D user interfaces to the aerospace and automotive industries. Leading global manufacturers such as Jaguar Land Rover, Hyundai MOBIS, Garmin, Boeing, NASA, and Lockheed Martin choose GL Studio for its performance, fidelity, and reliability in interface development and deployment. Whether for avionics, instrument clusters, infotainment systems, or flight simulators, GL Studio exceeds the developer's workflow and runtime performance demands. Visit <https://disti.com> to learn more.

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