

Galil Software Features

Powerful Tools

- GalilSuite software contains multiple tools for easy setup and tuning of Galil motion and I/O controllers.

Scope

- Capture and plot controller data, including motor position and velocity. The Scope tool displays a virtually unlimited number of traces. A convenient drag-and-drop feature allows users to select a source from the controller data simply by dragging it into the display area.

Tuner

- Optimize servo system response. Choose from multiple servo tuning methods — including Auto-crossover, Crossover, General, Curve Follower, and Manual. For each method, the Tuner tool captures and displays controller command position, encoder position, position error, and torque in response to the specified test profile.

Dedicated applications engineers

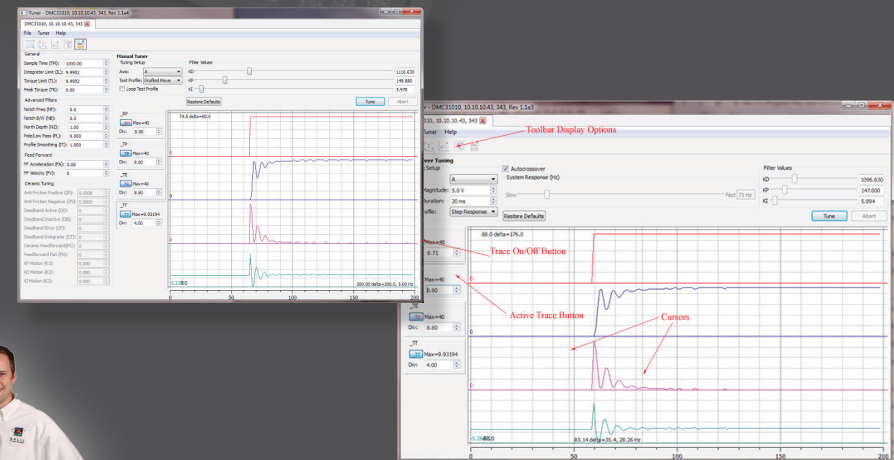


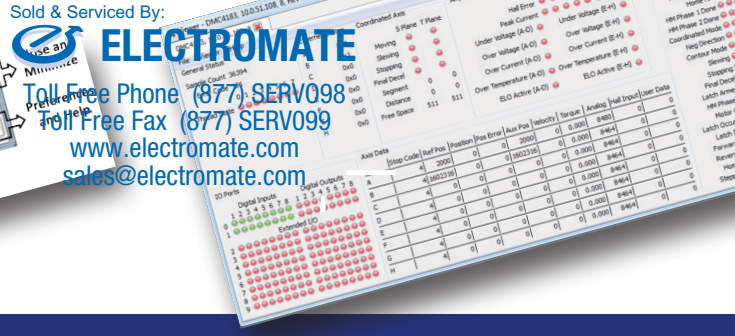
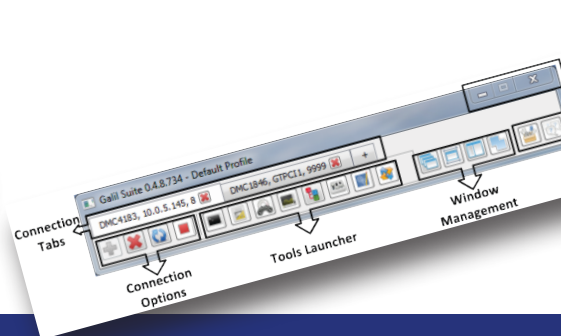
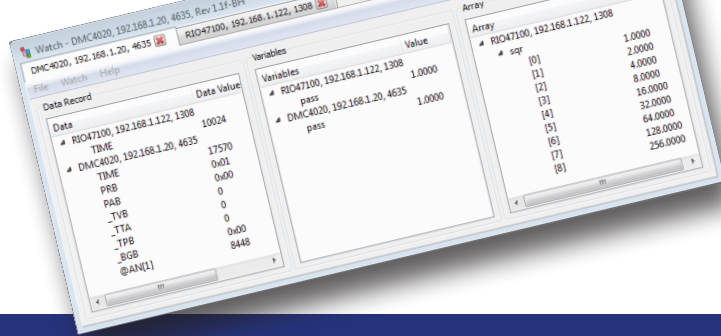
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GalilSuite
Configures, Analyzes and Tunes





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Watch

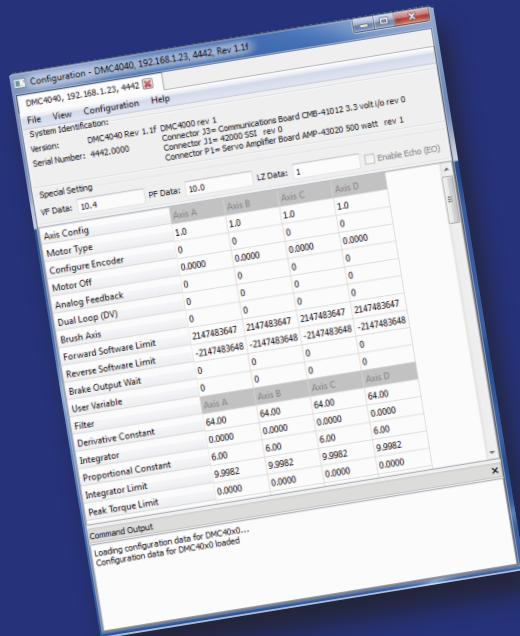
- Streamline debugging. The Watch tool displays controller and I/O status in a tabular format. Depending on a user's needs, data for different devices can be grouped together on one page or shown separately.

Launcher

- Organize multiple connections with ease. GalilSuite Launcher provides the ability to set up and manage connections, settings, window locations and custom user profiles.

Viewer

- View a graphical display of controller and I/O status reports. GalilSuite Viewer displays a snapshot of important data flags and registers. At a glance the tool provides essential axis data, amp status, Ethernet status, and more.



Editor

- Conveniently write, save and execute application programs. The full-featured Editor tool allows users to cut, paste, copy, insert, find and replace DMC source code. A built-in helper function provides label detection and syntax assistance.

Terminal

- Send and receive controller commands with greater efficiency. The Terminal tool gives users a convenient way to send Galil's two-letter instructions to and from Galil controllers. The DMC Helper feature provides graphical command syntax help.

Configuration

- Modify controller and I/O parameters, backup and restore settings, and download firmware. The Configuration tool identifies all devices on the system by model and serial number, firmware version, and internal board IDs. It also provides an easy way to configure parameters.

Ordering Information

- GalilSuite Lite is available at no charge and contains all tools except the Scope and Tuner tools. You must purchase a software license to use the complete GalilSuite tool set.

