Global Configurator Professional

POWERFUL CONFIGURATION SOFTWARE FOR AV CONTROL SYSTEMS

Making Complex Systems Simpler and Simple Systems More Powerful

- **Conditional logic** – Allows button operations to be contingent on a variety of separate conditions
- **Local variables** – Allows the user to emulate external feedback within the project
- **Controller groups** – Enables multiple control processors to function together as one for more complex systems - Global Configurator Professional only
- **Controller Macros** – Allow several commands to be connected for fast and easy implementation of control system configurations
- **Supports systems using GlobalViewer Enterprise**
Global Configurator® is Extron’s most powerful and versatile control system configuration software. This latest version of Global Configurator is designed to be used exclusively with Extron Pro Series control systems, which comprise TouchLink® Pro, IP Link® Pro, and MediaLink Plus® products, and helps streamline integration within today’s demanding AV control environments. Within this latest version, powerful features, such as conditional logic, local variables, and macros provide even greater flexibility for more elaborate control system designs. Global Configurator has two modes:

Global Configurator Plus is ideal for smaller scale applications requiring one control processor and one primary control interface. It is accessible to all Extron Insiders.

Global Configurator Professional duplicates all of the powerful features within Global Configurator Plus but is especially suited for applications requiring multiple control processors and control interfaces, enhanced functionality, and advanced configuration. This mode is available to individuals who successfully earn the Extron Control Professional Certification.

<table>
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<tr>
<th>Features</th>
<th>Global Configurator Plus</th>
<th>Global Configurator Professional</th>
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<tr>
<td>Control Processors</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>supported per system</td>
<td></td>
<td></td>
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<tr>
<td>Touchpanels supported per system</td>
<td>1 Primary 1 Mirrored</td>
<td>8</td>
</tr>
<tr>
<td>Ethernet Drivers supported</td>
<td>8</td>
<td>32</td>
</tr>
<tr>
<td>Controller Groups</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Macros</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>User Defined Commands supported</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Conditional Logic</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Local Variables</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Timers</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Library of Extron Certified Drivers</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>GVE Support (2.2 or later)</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Extron Control App &amp; Extron Control for Web Support</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>GUI Design Software</td>
<td>GUI Designer</td>
<td>GUI Designer</td>
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<tr>
<td>LinkLicense Support</td>
<td>Yes</td>
<td>Yes</td>
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</table>

Enhanced Functionality With Use of "If" Statements
Conditional logic allows advanced control system functionality by making “if” and “else” statements available. With the help of conditional logic, one can easily set up operations that are dependent upon occurrence and non-occurrence of certain events. Conditional logic with local variables also allows examination of emulated external feedback within the configured actions before performing a task. This ultimately helps in streamlining project creation by minimizing the need for monitors and schedules.

Combining Multiple Controllers for Larger Control Systems
The Controller Groups feature, found only in Global Configurator Professional, allows up to four control processors to be grouped and work as one big controller. Grouping the control processors will also reduce the need for long RS-232 cable runs, as the group can span several rooms instead of being limited to a single room. This feature enables easy system expansion and ideally serves advanced systems that require more control ports than are offered in a single control processor.

Enhanced Drivers Enable Greater System Capabilities
An enhanced class of drivers brings greater AV system performance and capabilities. The Serial over Ethernet drivers expand control capabilities through devices such as Extron XTP Systems that are capable of IP to serial direct port control. Our drivers support native BACnet, KNX, and DALI building management communications to monitor and control temperature, shades and shutters, adjust lighting, and access motion sensors, among other tasks.

Adding New Equipment is Fast and Easy
Configuration changes may be required when a controlled device is replaced or additional functionality is desired. With Global Configurator, modifying a configuration is fast and easy. The program creates and stores unique configuration files, which can be recalled whenever changes are required.

Unlock Powerful New Features with LinkLicense
Extron LinkLicense® for User Interfaces and LinkLicense for Software Conferencing are quick, cost-effective ways to add even more powerful capabilities to Extron control systems. The LinkLicense for User Interfaces upgrade enables people to use a mobile device or computer as the primary control interface in an Extron control system. The LinkLicense for Software Conferencing upgrade transforms traditional software conferencing codecs into customizable applications that enhance all aspects of conferencing and AV system control.
Features

- Designed to be used exclusively with Extron Pro Series control systems – TouchLink Pro touchpanels, IP Link Pro control processors, MediaLink Plus controllers.
- Conditional logic – Allows control operations to be contingent on a variety of separate conditions.
- Local variables – Allows the user to emulate external feedback within the project.
- Controller groups (accessible from Global Configurator Professional mode only) – Enables multiple control processors to function together as one for more complex systems.
- Extron Control support – The Extron Control App and Extron Control for Web provide points of control for rooms with or without TouchLink touchpanels or MediaLink controllers.
- Controller macros – Allow several commands to be connected for fast and easy implementation of control system configurations.
- Controller Cloning – Copy control system configuration data with just a couple of mouse clicks.
- Enhanced user interface – Helps streamline configuration.
- Enhanced button grouping – Ability to create multiple button groups.
- Library of enhanced Extron Certified device drivers – Device drivers allow Extron products to control various display and source devices, such as projectors, flat-panel displays, and Blu-ray players. Extron has produced a library of fully tested Ethernet, serial, and IR device drivers.
- String support within drivers – Serial and Ethernet drivers now have the ability to accept user-defined commands.
- Driver replacement maintains configuration settings when a driver is replaced – Updating a driver does not require re-entering device configuration settings.
- Multiple action scheduling – Schedule a specific set of actions to occur in a system on multiple dates and times.
- Inline comments – Inline comments can be added within action lists, allowing the user to document the logic of included actions.
- Where Used option – Helps users easily find commands within a project.
- Event reporting – E-mail messages can be used to track device status and usage data for creating reports and making purchase decisions.
- Intelligent upload manager – Optimizes the upload process by compiling and uploading only the necessary changes. The entire process, including error checking, compiling all files, and uploading GlobalViewer Web pages, graphics, and driver files takes only seconds.
- Three different methods for sorting and displaying Pro Series control products in a system – Sort and display by location, product, or template.
- Project AutoSave – Global Configurator can automatically save the current project at a regular interval. The timer is configurable from 1 to 120 minutes.
Intuitive User Interface

Available Actions Window
Provides access to the available actions from device drivers, products, and user-defined actions.

Add New Control Processor or Controller
Easily add Extron control processors or controllers and place them within the GlobalViewer tree.

Add New Touchpanel
Quickly link new touchpanels with control processors.

Button Properties Window
Allows users to apply different modes like repeat, tap/hold, and basic modes to buttons.

Inline Comments
Can be added within action lists, allowing the user to document the logic of included actions.

Available Actions Window
Provides access to the available actions from device drivers, products, and user-defined actions.

Configured Actions Window
Allows users to tie actions and logic to buttons.

Custom Color Settings
Customize color themes of the application based on user preferences.
Extron Control Systems Certification Programs
Establish Your Knowledge of Extron Control Systems

Two Extron Control Systems Certification programs are available, which are designed to prepare individuals to successfully deploy and maintain customized AV control systems that are built around our IP Link® Pro Series and TouchLink® Pro Series products, as well as our newly-introduced MediaLink® Plus controllers. The Extron Control Specialist – ECS and Extron Control Professional – ECP certifications focus on control system customization for a wide range of applications, advanced device communications, troubleshooting, and best practices.

Extron Control Specialist – ECS

**Audience**
This program is ideal for industry professionals who install, configure, operate, manage, and troubleshoot AV control systems. This includes design engineers, system integrator installers, system integrator project managers, and control system programmers. A background of AV control system design and installation experience is recommended.

**Delivery Method**
ECS is delivered through instructor-led training. To achieve certification, students must also pass an Extron-proctored hands-on exam.

**Course Content**
ECS consists of the following general categories:
- Master Global Configurator Plus software
- Control system design concepts
- Configure a wide range of room control functions using Global Configurator Plus
- Configuring for integration with GlobalViewer® Enterprise AV Resource Management
- Create custom control interfaces using GUI Designer software, plus GUI design best practices
- System validation

Extron Control Professional – ECP

**Audience**
This program is ideal for advanced users or those with a programming background who understand the complexities of more sophisticated systems. A background of 2-5 years of AV control system design, programming, and installation experience is recommended.

**Delivery Method**
ECP is delivered through instructor-led training. To achieve certification, students must also pass an Extron-proctored hands-on exam.

**Course Content**
ECP consists of the following general categories:
- Master Global Configurator Professional software
- Advanced control system design concepts for larger, more sophisticated applications
- Advanced configuration using Global Configurator Professional
- Configuring for integration with GlobalViewer Enterprise AV Resource Management
- Create custom control interfaces using GUI Designer software, plus GUI design best practices
- Complex system validation

Learn More

To find out more about the Extron Control Systems Certification programs, contact your Extron S3 Customer Support Representative.
Requirements and GlobalViewer Enterprise

Minimum System Requirements

- INTEL® CORE™ 2 Duo or equivalent processor
- Microsoft® Windows® 7, Windows 8.1, or Windows 10
- Microsoft .NET Framework 2.0, 3.5 SP1, and 4.5.1
- 4 GB of RAM
- 500 MB of available hard disk space
- 1280x1024 screen resolution
- A network connection with a data transfer rate of 10 Mbps, 100 Mbps/1000 Mbps recommended

GLOBALVIEWER ENTERPRISE

Once the configuration process is complete, Extron configurable control systems integrate seamlessly with Extron’s award-winning GlobalViewer Enterprise server-based resource management software for enterprise-wide, scheduling, monitoring, and helpdesk functionality.

GlobalViewer® Enterprise