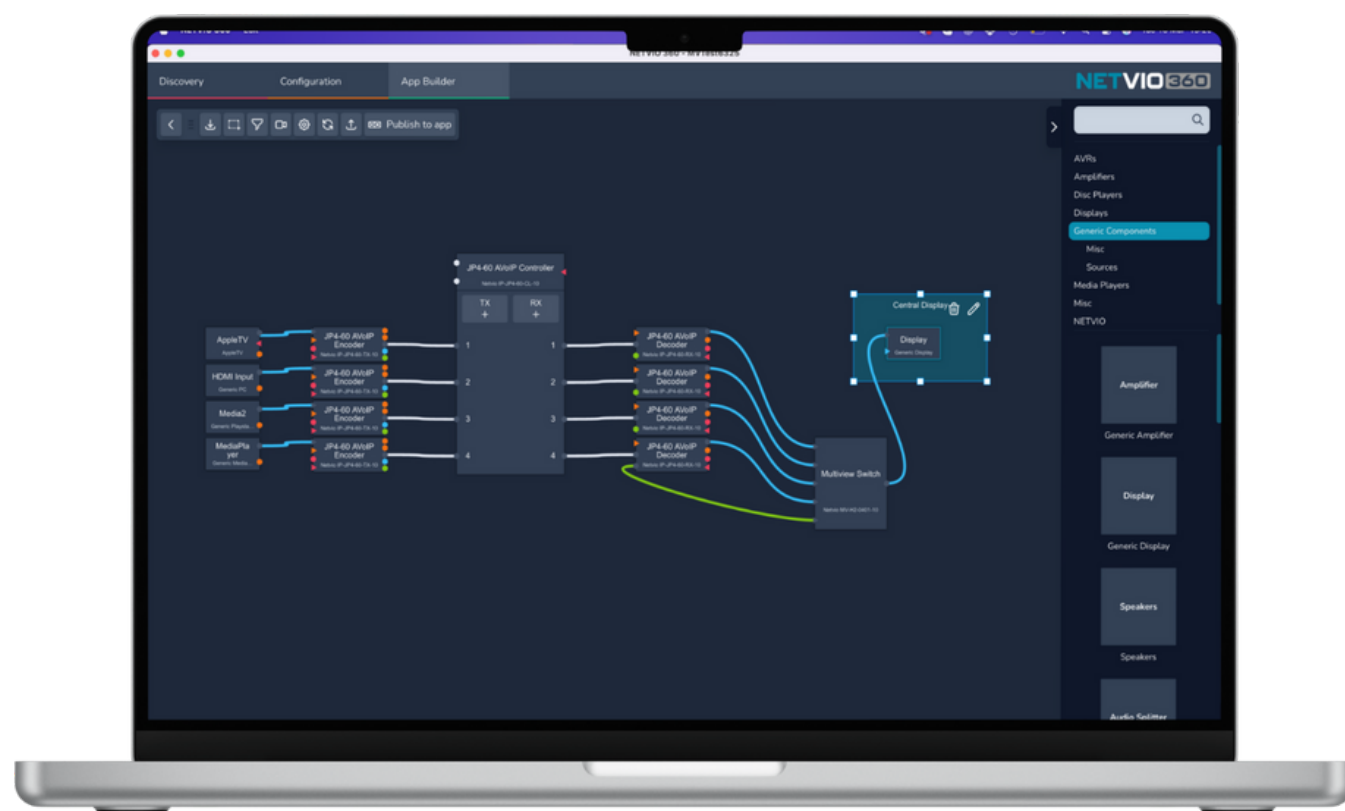


Professional control user development without the cost or complexity

> Product Description



Netvio AppBuilder is an integrated drag-and-drop tool within Netvio360 that enables installers to design professional control interfaces without coding or traditional programming. It removes the cost, complexity, and reliance on specialist control systems, giving integrators complete ownership of both configuration and control.

AppBuilder uses a micro-driver library covering video, audio, and automation devices. Installers simply drag components onto the canvas, connect them with color-coded signal lines, and the software automatically builds a functional user interface. Built-in safeguards prevent invalid connections, while customization options such as logos, icons, and button imagery ensure the interface can be fully branded for each client.

Supporting advanced functions like video walls, multiview layouts, macros, and multi-room navigation, AppBuilder provides a complete, professional-grade control solution. Projects are deployed instantly via QR code or file transfer, allowing end users to enjoy seamless, intuitive control – without the overhead of a traditional system.

> Product Features

- Integrated with Netvio360 – launch AppBuilder directly from your system configuration to seamlessly transition from setup to control design.
- Drag-and-Drop Design – create custom control interfaces by simply dragging devices, buttons, and navigation elements onto the canvas.
- Inclusive Micro-Driver Library – pre-loaded drivers for displays, amplifiers, AVRs, projectors, media players, and set-top boxes, with continuous updates from Netvio.
- Automatic UI Generation – user interfaces are automatically created based on connected devices and control types, reducing design time.
- Custom Branding – upload logos, navigation icons, and button imagery for a client-specific, professional look.
- Zone & Room Creation – organize devices into rooms or zones, with tailored navigation menus and custom images for easy end-user control.
- Advanced Scenarios – configure video walls, multiview layouts, macros, and audio integration without coding or scripting.
- Multi-Device Deployment – deploy projects instantly via QR code to iOS and Android devices, or direct file transfer to Netvio touch screens (TS-13-10, TS-10-10).
- Built-In Logic – intelligent safeguards prevent invalid connections and ensure device compatibility, making setup faster and more reliable.
- Flexible Customization – tailor the control interface per device, so different users or rooms can have unique access levels and layouts.
- License-Inclusive – no subscriptions, license fees, or hidden costs; fully included with Netvio hardware.

> Specifications

- **Micro-Driver Library**
 - Comprehensive library of AV and automation components.
 - Drag-and-drop devices directly onto the working canvas.
 - Supports delete, remove, amend, and rename functions for clear project organization.
 - Includes placeholder devices for equipment not requiring control.
- **Device Connectivity & Control**
 - Connect devices using color-coded schedules:
 - Video = Blue
 - Audio = Orange
 - Control = Green
 - Each connection line represents a button or command on the finished user interface.
 - Built-in logic prevents invalid or unsupported connections.
 - Each micro-driver defines available control types: CEC, IR, RS-232, or no control.
 - Devices include color-coded ports based on their capabilities.
- **Canvas & Workflow Tools**
 - Zoom in/out for project navigation.
 - Move individual or groups of devices freely around the canvas.
 - Import baseline system configuration directly from Netvio360.
- **Zones & Room Creation**
 - Build zones or rooms for more complex installations.
 - Creates front-end navigation menus for end users.
 - Single-room systems automatically generate a unified interface.
 - Upload custom images for each zone or room to assist with navigation.

- **Audio Integration Example**
 - Drag third-party amplifiers (e.g., Blaze, Denon, Yamaha) into the canvas.
 - Connect amplifiers to video devices and speakers with orange-coded lines.
 - Automatically generates user interface buttons for speaker and amplifier control.
- **User Interface Generation**
 - User interface is automatically built based on connected devices and control types.
 - Supports selective customization per user device (e.g., limiting certain devices for specific users).
 - Upload custom logos to create branded front-end navigation.
- **Project Deployment & Sharing**
 - Deploy via QR code scanning for iOS/Android NetvioGo apps.
 - Direct file transfer available for Netvio touch screens (TS-13-10 and upcoming TS-10-10).
 - Ability to save, recall, and email project files.
 - Export completed systems as a graphic file for documentation or training.
- **Part of Netvio360 Software Suite requiring**
 - Windows 7 (64-bit) or later / macOS 10.11 or later
 - Recommended hardware: 8 GB RAM, quad-core CPU (PC) or Apple Silicon (Mac), SSD storage, high-resolution display+

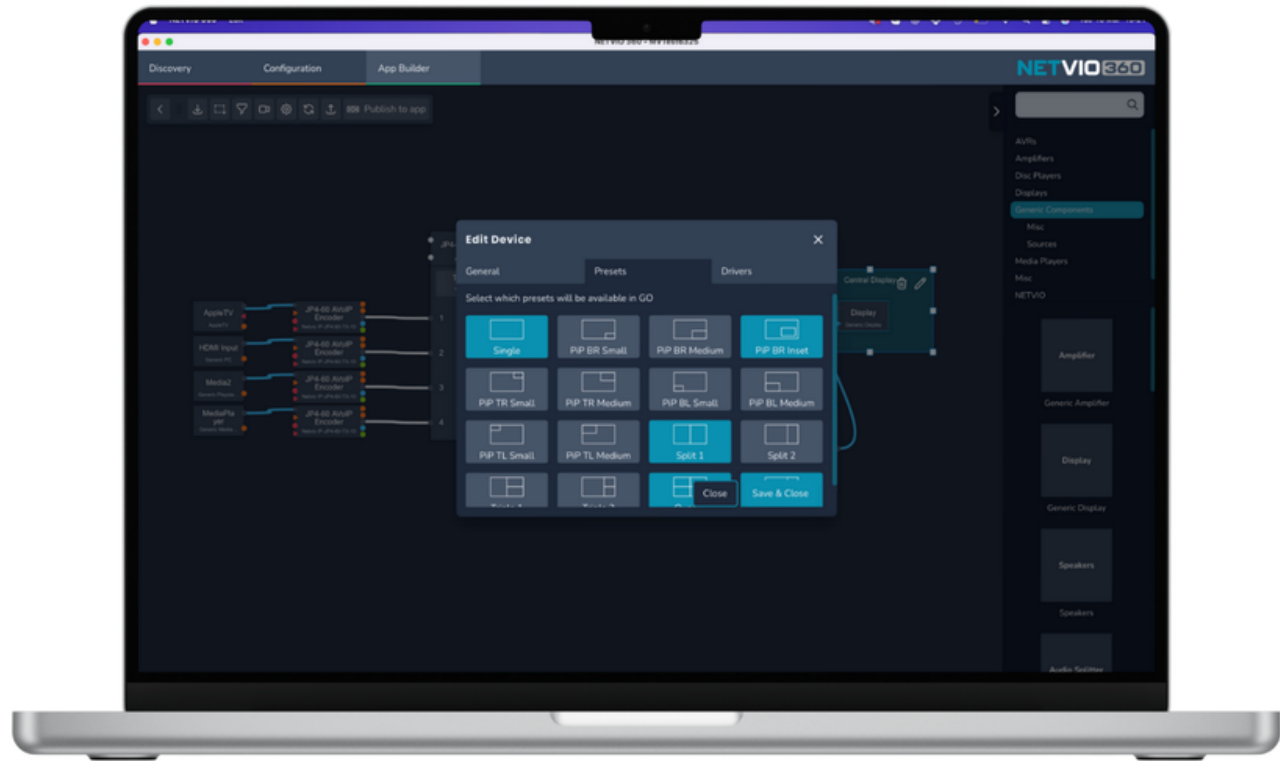
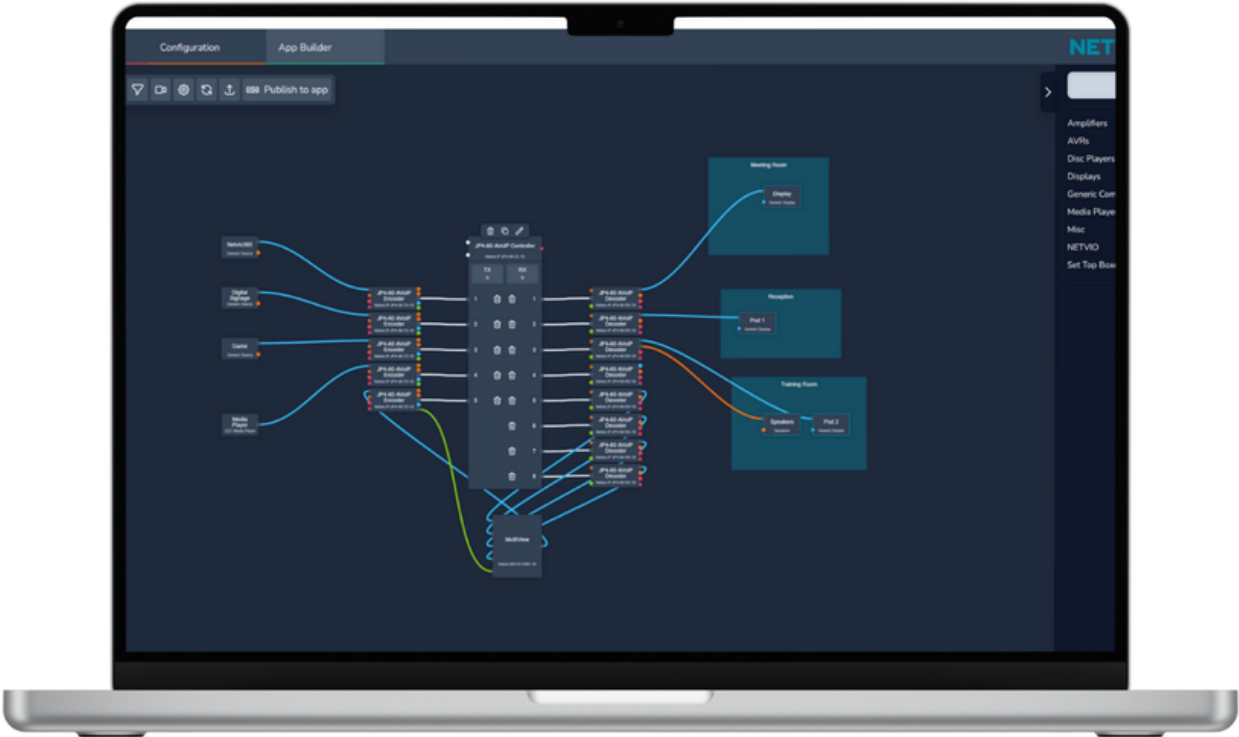
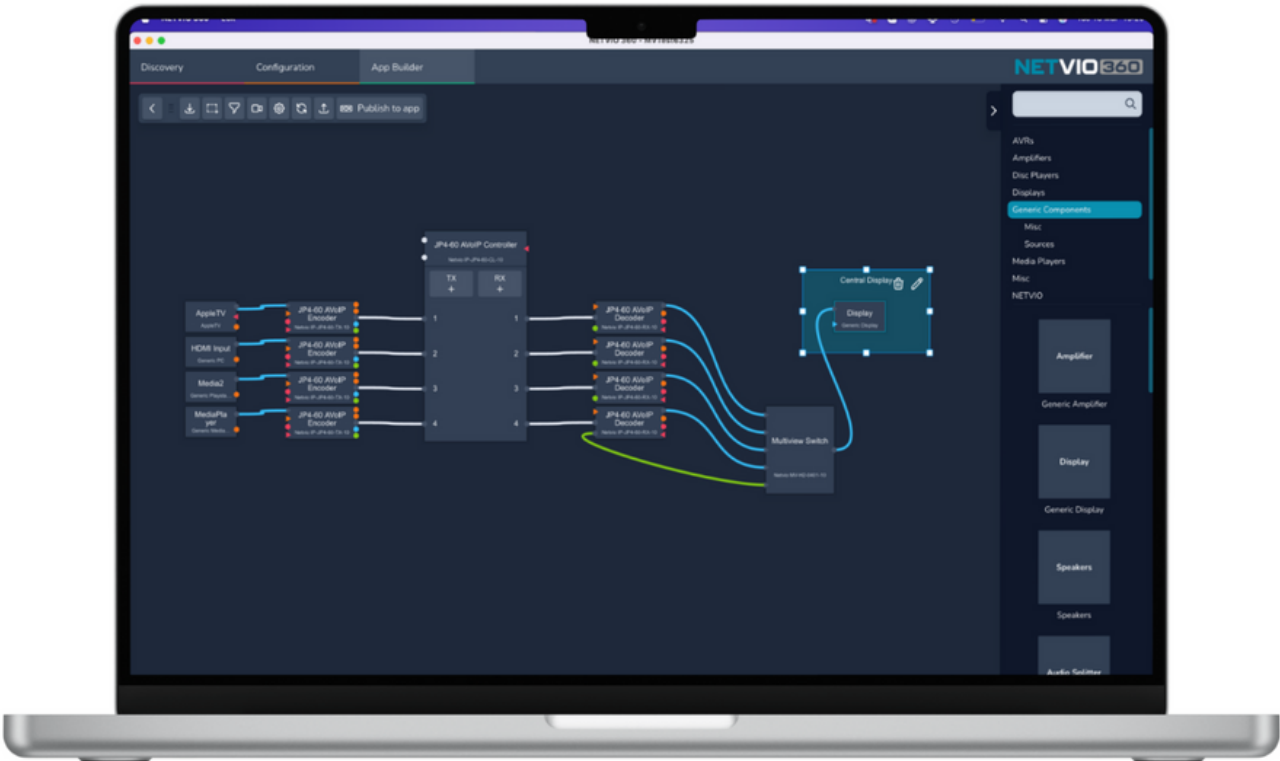
Categories of Micro-Drivers

- 1. Video Devices**
 - Netvio AVoIP Encoders & Decoders
 - HDMI Switchers & Matrices
 - Displays (Samsung, Sony, LG, others)
 - Projectors (Epson, Panasonic, others)
 - Media Players & Streamers (Apple TV, Amazon Fire, Blu-ray, etc.)
 - Set-Top Boxes & Receivers (Sky, Virgin, DirecTV, Dish, etc.)
- 2. Audio Devices**
 - AVRs & Surround Receivers (Denon, Yamaha, Arcam, etc.)
 - Amplifiers (Blaze, Powersoft, LEA, others)
 - DSPs & Audio Switchers
 - Generic speaker placeholders (for UI navigation and zoning)
- 3. Control & Automation**
 - IR-controlled devices (disc players, older TVs, etc.)
 - RS-232-controlled devices (displays, projectors, AVRs)
 - CEC-enabled HDMI devices
 - Generic placeholders for non-controlled equipment

> System Requirements

- PC / Windows: Windows 7 (64-bit) or later, 4 GB RAM.
- Mac / macOS: macOS 10.11 or later, 4 GB RAM or more
- PC or Mac with 8 GB RAM, modern CPU (4-core PC or M series Mac), SSD drive, good network connection.
- Also ensure your display is good resolution so you can view all UI panels / App Builder clearly.

> Other Screen Layout Examples



> A&E Description

Architects & Engineers Specification – AppBuilder (09262025)

The software shall form an integrated function of Netvio360, providing a seamless workflow from system configuration through to the creation of customized end-user control interfaces. It shall operate as a drag-and-drop design environment, allowing installers to design professional control solutions without the need for programming, coding, or reliance on third-party platforms. The system shall be designed to give integrators complete ownership of the control design process, reducing project overhead, deployment time, and long-term support costs.

The software shall include a comprehensive micro-driver library representing a wide range of video, audio, and automation devices. Each micro-driver shall contain built-in definitions for supported control types including CEC, IR, RS-232, or no control, ensuring compatibility across a broad selection of equipment. Devices shall be easily added to the working canvas via drag-and-drop, with the option to rename, re-order, and assign IP addresses where applicable. Placeholders shall be available for equipment not requiring control, while the system shall support grouping devices into rooms or zones to provide structured navigation for multi-room projects.

The system shall support the interconnection of devices using clearly color-coded signal lines, with distinct identifiers for video, audio, and control. Each connection shall automatically generate the appropriate button, slider, or function within the end-user interface, significantly reducing the design time required. Built-in logic shall be applied to prevent unsupported or invalid connections, safeguarding both system performance and design accuracy.

The software shall allow full customization of the end-user interface. Branding features shall include the ability to upload custom logos, navigation icons, and tailored button imagery, allowing each project to reflect the client's corporate identity or personal preferences. Interfaces shall be individually customizable per device, ensuring that user roles or rooms can be allocated their own unique navigation and control features.

The system shall further support advanced configuration functions including the setup of video walls, multiview layouts, macros, and audio system routing. Third-party devices such as amplifiers or processors shall be supported, with integration into the same user interface alongside video sources, displays, and encoders/decoders. End-user navigation shall be generated automatically but shall also provide flexibility for installer refinement, ensuring usability and system reliability across a variety of applications.

Deployment of completed projects shall be supported by multiple methods. The system shall generate a unique QR code for fast deployment to iOS and Android devices running the NetvioGo application. In addition, the software shall support direct file transfer to Netvio touch screen devices including TS-13-10 and TS-10-10. Projects shall be easily saved, recalled, and redistributed, ensuring that revisions or updates can be implemented with minimal disruption to the client.

Finally, the software shall be license-inclusive with all Netvio hardware, with no additional licensing costs, subscription fees, or hidden charges. This approach shall ensure that all integrators have access to the full functionality of the platform as standard, supporting the delivery of consistent, professional control solutions regardless of project scale or budget.