Crestron Virtual Panel

Crestron Touch Screen Control Application for macOS® and Windows® OS

- *Enables virtual Crestron® touch screen control on a supported computer*
- *Compatible with Windows® and macOS® platforms as a desktop application*
- *Supports Crestron Construct™ configuration software and Crestron HTML5 User Interface projects*
- *Programmable like a Crestron touch screen or mobile application*
- *Can be deployed from existing supported touch screen or mobile projects*
- *Communicates directly with a supported Crestron control system over IP and requires no special servers*
- *Provides kiosk mode for specialized control applications*
- *Integrated address book can manage multiple systems*

Crestron Virtual Panel is a desktop application for Windows® and macOS® platforms that turns a supported computer into a virtual touch screen. Crestron Virtual Panel provides a low-cost, customizable solution for controlling a home, office, or classroom directly from a computer. A kiosk mode is also provided for specialized control applications such as hotel lobby check-ins and interactive museum exhibits.

Crestron Construct and Crestron HTML Support

Crestron Virtual Panel supports custom user interfaces created with Crestron HTML5 User Interface and Crestron Construct™ configuration software (SW-CRESTRON CONSTRUCT IDE), allowing greater flexibility for UI developers and programmers.

- Crestron HTML5 User Interface enables UI designers to develop rich, front-end user interfaces with increased reusability and efficiency using modern web methodologies. Crestron HTML5 User Interface development tools are provided to simplify creating user interfaces built on standard web technologies.
- Crestron Construct is a cross-platform developer application that enables programmers to create HMTL5-based user interfaces within a WYSIWYG (What You See Is What You Get) environment to further simplify UI development.

A touch screen project developed using Crestron HTML5 technology can be instantly transformed into a Crestron Virtual Panel project, dramatically reducing programming time. Touch screen projects using Crestron HTML5 can even be launched directly on a computer by simply opening the .ch5z project file, offering a convenient method for programmers to test touch screen projects without requiring hardware.

Control System Compatibility

Crestron Virtual Panel is supported by Crestron control systems natively to add remote access to a Crestron system. A computer running Crestron Virtual Panel can communicate directly to all 3-Series®, 4-Series®, and Crestron Virtual Control (VC-4) control systems over Ethernet. No special servers are required to host the touch screen project. An integrated address book is also provided to manage connections to multiple systems simultaneously.

Specifications

System Requirements

Minimum PC Configuration for Windows® OS	Windows 10 (x64) (or later); Dual-core x64 CPU (or better); 8 GB RAM minimum, 16 GB recommended; 2 GB GPU minimum, 4 GB (vRAM) recommended; 500 MB SSD minimum, 1 GB SSD recommended

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Minimum PC Configuration for macOS®	macOS 13 Ventura (or later); Apple® Silicon M1 CPU (or better), Intel Core® i7 (or better); 8 GB minimum, 16 GB recommended; 2 GB GPU minimum, 4 GB (vRAM) recommended; 256 GB SSD minimum, 500 GB SSD recommended

Model

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The original language version of this document is U.S. English.
All other languages are a translation of the original document.

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