

Virtual Control Server Software

- Offers a centralized server-based alternative to individual hardware-based control systems in every room
- Provides a virtual control system for each room over a network
- Streamlines deployment, maintenance, and management
- Supports Crestron XiO Cloud™ cloud-based deployment, management, and monitoring
- Integrates directly with IP-controllable devices over the network
- Integrates with serial, IR, CEC, and other controllable devices via decentralized control ports on DM®, DM NVX®, and other Crestron® interfaces
- Enables server redundancy for increased reliability
- Employs enterprise-grade security to ensure maximum reliability and privacy

NOTE: A Crestron XiO Cloud™ service account is required to license the VC-4 server. A single device license must be purchased for each VC-4 server in Crestron XiO Cloud. For more information, refer to the [Crestron XiO Cloud](#) feature page.

Crestron® Virtual Control (VC-4 Series) is a server-based control platform for enterprise applications that can supplant individual hardware-based Crestron control systems. The platform runs programs to control multiple rooms over the network from a single centralized location.

Many installed devices can be controlled directly via Ethernet, and those that require a serial, IR, or other hardware interface can be integrated via decentralized control ports on a [DM NVX®](#) encoder/decoder, [DM®](#) transmitter or receiver, or [CEN-CI3](#) series interface. Wireless Crestron devices may also be integrated via an [infiNET EX®](#) wireless gateway.

Crestron Virtual Control also allows organizations to leverage robust redundancy and security measures for increased reliability. For large buildings, Crestron Virtual Control streamlines deployment and maintenance by allowing a single program to be developed and deployed quickly across multiple rooms. Cloud-based deployment, management, and monitoring is available using the [Crestron XiO Cloud™](#) service.

Crestron Virtual Control is sold through Authorized Crestron Dealers, and requires installation on a customer-supplied server running the Ubuntu® Server operating system. Each installation requires either a perpetual license or a subscription.

A perpetual license constitutes one VC-4-CORE, which includes support for up to five individual rooms or virtual control systems. Support for additional rooms is enabled by purchasing add-on room licenses (one license is required per room). Subscriptions are available in 1-year, 2-year, 3-year, and 5-year increments.

Models

VC-4-CORE

Virtual Control Server Software - Core License for up to 5 Rooms

VC-4-ROOM-1-49

Virtual Control Server Software - Add-on Single-Room License for 1-49 Rooms

VC-4-ROOM-50-99

Virtual Control Server Software - Add-on Single-Room License for 50-99 Rooms

VC-4-ROOM-100+

Virtual Control Server Software - Add-on Single-Room License for 100+ Rooms

VC-4-ROOM-1YR

Virtual Control Server Software - Single-Room License, 1-year subscription

VC-4-ROOM-2YR

Virtual Control Server Software - Single-Room License, 2-year subscription

VC-4-ROOM-3YR

Virtual Control Server Software - Single-Room License, 3-year subscription

VC-4-ROOM-5YR

Virtual Control Server Software - Single-Room License, 5-year subscription

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or by calling 855-263-8754.

This product is covered under the Crestron standard limited warranty. Refer to www.crestron.com/warranty for full details.

The specific patents that cover Crestron products are listed online at patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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Minimum Server Requirements

Operating System	Ubuntu Server 16.04 LTS
Network Interface	1 Gbps
Hard Drive	1 TB

CPU Cores Required

Rooms	Average Devices Per Room																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
50	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	8	8	8
100	4	4	4	4	4	4	4	4	4	8	8	8	8	8	8	8	8	8	16	16
200	4	4	4	4	8	8	8	8	8	16										
300	4	4	8	8	8	8														
400	4	4	8	8	16															
500	4	8	8	16																

RAM Required

Rooms	Average Devices Per Room																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
50	4	4	8	8	8	16	16	16	16	16	32	32	32	32	32	32	32	32	32	32
100	4	8	16	16	16	32	32	32	32	32	32	64	64	64	64	64	64	64	64	64
200	8	16	32	32	32	64	64	64	64	64										
300	16	32	32	64	64	64														
400	16	32	64	64	64															
500	16	32	64	64																