

Control Systems overview

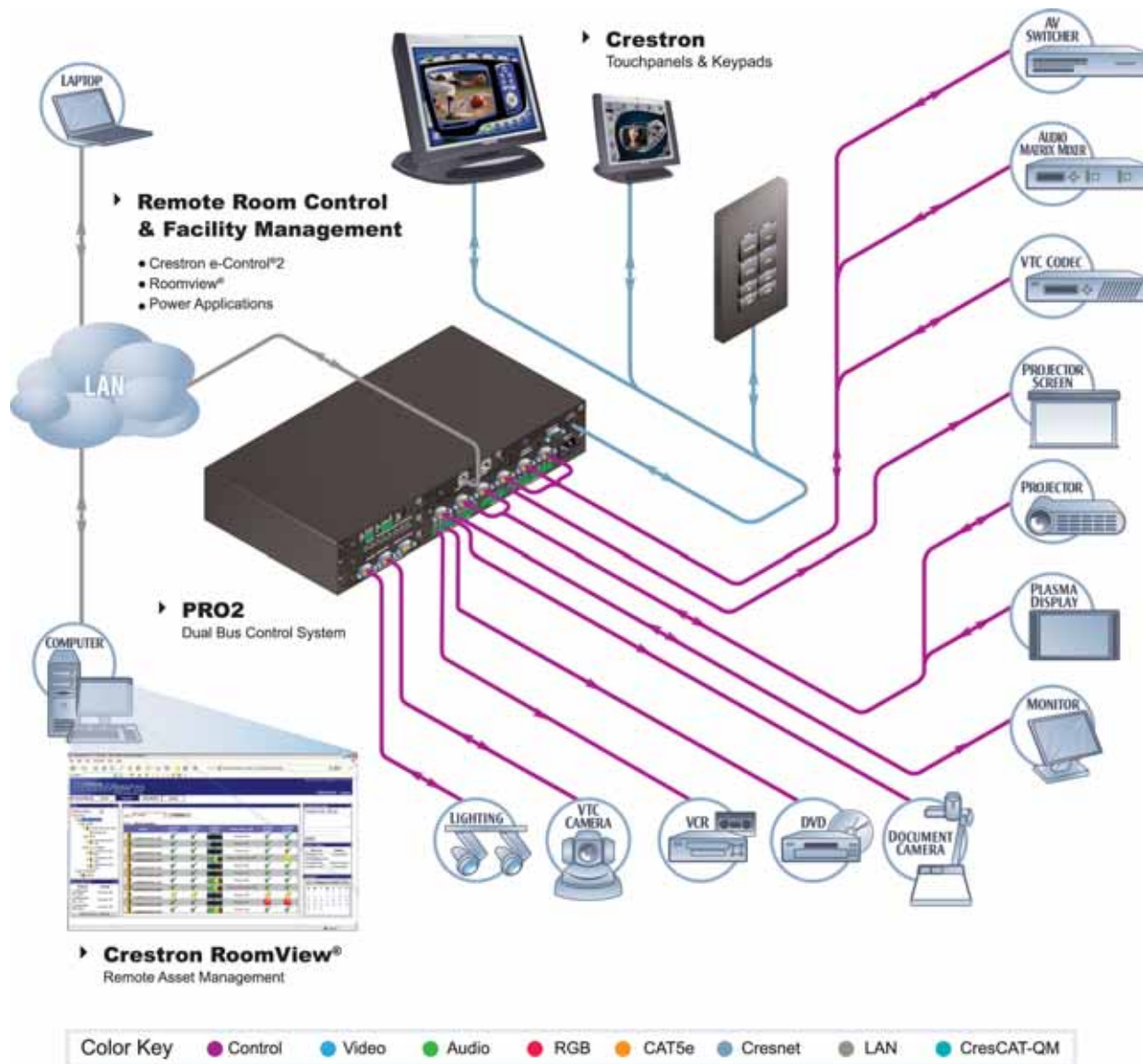
Crestron's 2-Series set the standard for control systems today, and continues to challenge the industry's expectations of what a control system should be. Control systems are the brain of a complete integrated AV and automation solution, serving as the central processor and I/O interface. Every audio, video, and environmental element of the home, boardroom, classroom, or command center becomes integrated and accessible through the control system.

No matter how complex or basic, for every application Crestron control systems are entirely custom-programmable to attain the exact functionality required. Crestron offers numerous 2-Series models, ranging from compact and

economical room boxes to full-featured, scalable systems with integrated audio/video signal routing and processing capabilities. Crestron's 2-Series provides home automation and AV system designers with a broad selection of control systems suited for every application and budget.

Crestron 2-Series control systems extend capabilities even further to enable complete control, monitoring and resource management facility-wide, campus-wide or worldwide. Before any other manufacturer, Crestron pioneered the IP-based control system to harness the vast possibilities of Ethernet and the Internet. The 2-Series was designed from the ground up to deliver the world's most advanced IP control solution available.

Typical Boardroom AV Control System Application



Control Systems cross reference

	2-Series						
	PRO2	AV2	RACK2	CP2E	CP2	MC2E	MC2W
Memory							
RAM	32MB	32MB	32MB	32MB	32MB	32MB	32MB
Non-Volatile RAM	256kB	256kB	256kB	256kB	256kB	256kB	256kB
Flash	4MB	4MB	4MB	4MB	4MB	4MB	4MB
Memory Card Slot	Up to 4GB	Up to 4GB	Up to 4GB				
Cresnet							
Cresnet Master Port	•	•	•	•	•	•	•
Cresnet Slave Capable	•	•	•	•	•	•	•
Integrated Cresnet Hub/Repeater			•				
C2N-NPA8 Support via Com Port	•	•		•	•	•	•
C2N-NPA8 Support via Ethernet	• ²	• ²	• ²	•		•	
Built-in Network Analyzer	•	•	•	•	•	•	•
Ethernet							
10/100 Ethernet Port	• ²	• ²	• ²	•		•	
e-Control 2, RoomView, & SNMP	• ²	• ²	• ²	•		•	
Network Address Translator (NAT) ²	•	•	•				
Control Ports							
Com	6 ³	6 ³	• ²	3	3	2	2
IR/Serial	8 ³	8 ³	• ²	8	8	4	4
Versiport I/O	8 ³	8 ³	• ²	8	8	4	4
Digital Input							
Low-Voltage Relay	8 ³	8 ³	• ²	8	8	4	4
Control Card Slots							
Y-Bus	3	3 ⁵	12				
Z-Bus	1	1	4				
Built-in Wireless							
1-way RF							•
IR via CNXRMIRD ⁶						•	•
Special Features							
Integrated Audio and/or Video Features							
QuickMedia Transport Technology							
Backup Processor Capable							
Power Supply							
Internal	•	•					
External			• ⁶	• ⁶	• ⁶	•	•
Mounting							
Rack Mount	2U	2U	4U	1U	1U	1U	1U
Projector Pole Mount							
Surface Mount							
CAEN Enclosure							

¹ Not included in Control System section; see appropriate catalog section for complete product information.

² Requires appropriate control card(s)

³ Additional ports are possible by adding control cards

⁴ Supports RS-232 Only

⁵ Requires CAGE2 expansion cage

⁶ Accessory sold separately

This chart intended for summary comparison only; see each product specification for complete information.

MediaManager ¹					Adagio ¹		Lighting ¹	
MP2E	MP2	QM-RMC	QM-RMCRX-BA	MPS-Series	AMS or AES	AADS	PAC2	PAC2M
32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB	32MB
256kB	256kB	256kB	256kB	256kB	256kB	256kB	256kB	256kB
4MB	4MB	4MB	4MB	16MB	8MB	8MB	4MB	8MB
							Up to 4GB	Up to 1GB
•	•		•	•	•	•	•	•
•	•		•				•	•
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•	•							
•							• ²	
•	•						•	
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•		•	•	•	•	•	• ²	•
							•	
2	2	2 ⁴	2 ⁴	2 ⁴	2 ⁴	1 ⁴	• ²	
4	4	1	1	4	8	4	• ²	
4	4						8 ³	
		4	4	4	4			4
4	4		2	4	4		8 ³	4
							2	
							1	
•	•			•	•			
•	•		•	•	•	•		
			•	•				
							•	
				•	•	•	•	
•	•	•	•					• ⁵
1U	1U			2U	5U ⁵	4U ⁵		
			• ⁶					
			•				•	•
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