



DIGITAL BROADCAST

## BROADCAST AUTOMATION & VIDEO SERVERS

Cablecast is the broadcast solution that works for you. With its unmatched performance, complete streamlined workflow, and future-proof feature set, choosing Cablecast will feel like adding a whole new person to your team. With all that extra time, you can get back to doing what you love.

tightrope media systems ™

YOUR STORY **PLAYS** HERE



**cablecast**  
DIGITAL BROADCAST

# YOUR STORY, COVERED FROM START TO FINISH

Cablecast offers local cable channels, LPTV, digital subchannels and campuses an affordable, yet sophisticated solution for complete station automation. Designed for those looking to consolidate the management and automation of their operations into a single system, Cablecast is the ideal fully-automated solution. And with its responsive web-based interface, it's available from anywhere, even on mobile!

Your programming workflow consists of entering program information once and letting Cablecast do the rest. Simply schedule your content and it will be played back on your channel and live stream, published to your bulletin board, updated in your web content library, transcoded for video-on-demand, available in X-list format for Rovi, and included in your program reports. One step does it all with Cablecast.

## REAL-TIME CONTENT CREATION

Cablecast integrates seamlessly with Tightrope's award-winning digital signage solution, Carousel. Use Carousel to provide community updates, including:

- Weather Forecast
- Traffic Cams
- School Closing & Emergency Alerts
- Community Announcements
- RSS, Twitter and Facebook Feeds

"Carousel Digital Signage integrates with your Cablecast schedule to auto-generate "Coming up Next", "You were just watching", "See it Again" and other promotional messages throughout the day."

### PROGRAM SCHEDULE

12:30 pm	Cooking With Connie
1:00 pm	Town Hall Meeting
1:30 pm	Travel With Travis
2:00 pm	Planning Board Meeting
3:30 pm	Budget Committee Meeting
5:30 pm	Political News with Barb

### WEATHER FORECAST

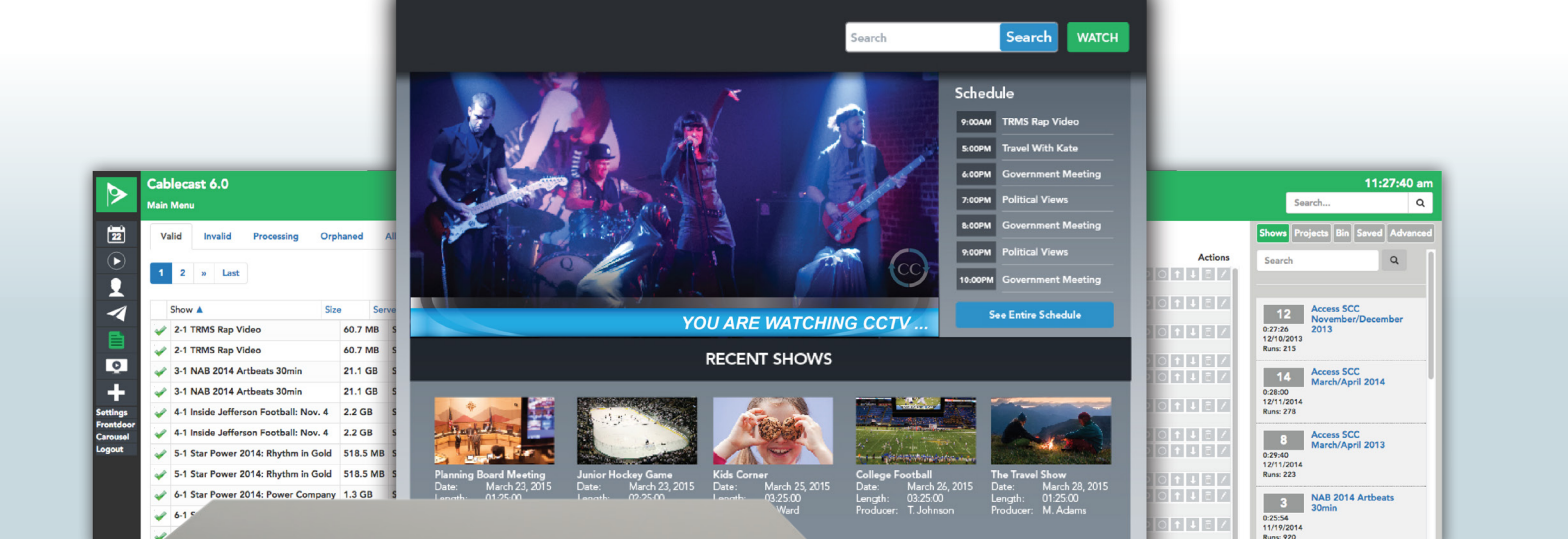
OUTLOOK: Light snow and light wintry mix will linger across parts of the southern Mid-Atlantic through the remainder of Monday.

Monday	Tuesday	Wednesday
30 25	31 22	35 30

Coming Up NEXT...

**"COMEDY CORNER"**

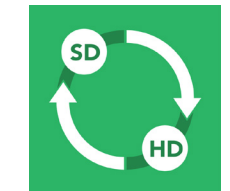
WATCH AS LOCAL COMEDIANS GIVE US A GOOD LAUGH



**Channel Branding & Thematic Crawls**  
Cablecast video servers give you a station bug for branding your channel. They also give you bug text which you can run in a different corner simultaneously. Best of all, it can generate a crawl at the same time with both background and foreground graphics.

## CHECK YOUR WEB PRESENCE OFF THE LIST

Enjoy zero extra steps to getting your content from your server to the web. Cablecast comes complete with pre-built web content pages that automatically populate with your schedule, live stream, and video-on-demand library. Easily customize these pages for your brand through the Cablecast web interface or use our new and improved APIs to pull the information from these pages into your existing website. The possibilities are endless, but getting started couldn't be easier.



## CABLECAST FLEX VIDEO SERVERS

Cablecast Flex video servers feature flexible HD-SDI channel I/Os that are configurable through the web interface if your station's channel needs change. Choose from multiple storage configurations and optional RAID5 protection with hot swappable content drives. Enjoy automatic up, down, and cross conversion for consistent playback quality in 720p, 1080p, SD or HD. Cablecast Flex also plays the most common file types with no transcoding.

**Cablecast Flex Compatible File Formats:**  
MPEG2, MPEG4, H.264, QuickTime, AVI, WMV, DV, DVCPPro, DVCPPro HD, ProRes. They encode MPEG2, DV and DVCPPro and DVCPPro HD up to 100mbps in the full 4:2:2 profile. 3G/HD/SD-SDI in and out, genlock, embedded audio.



## HD STREAMING & VIDEO-ON-DEMAND

Using H.264 adaptive bitrate, Cablecast Live and VOD solutions automatically transcode and host your files as they are being played back on your channel. Cablecast Live and VOD hardware work seamlessly with your Cablecast Flex server to automatically update and populate your web content pages. All your web content lives on your local server, which means no annual hosting fees or transcoding offsite. If you have bandwidth concerns, Cablecast Reflect is an affordable option for delivering uninterrupted streaming to an unlimited number of viewers.



## CONTROL FROM ANYWHERE

Everything in Cablecast is controlled from one web-based interface. Control your schedule, automation, servers, bulletin board, routing switcher, digital video recorders, and legacy decks from anywhere you can access the web. The new responsive design now offers improved control from your smartphone or other mobile device.

	Cablecast Flex Lite	Cablecast Flex 2	Cablecast Flex 4-16TB	Cablecast Flex 4-32TB	Cablecast Flex 4-0TB	Carousel CG 340	Cablecast Pro	Cablecast Pro VOD	Cablecast Live
Part Number	CBL-FLEXLITE-340	CBL-FLEX2-340	CBL-FLEX4-540-16	CBL-FLEX4-540-32	CBL-FLEX4-540-0	CAR-CG340-SDI	CBL-SVR430	CBL-SVR430-VOD	CBL-LIVE-330
Description	Two channel multi-format video server with configurable I/O's. Includes Cablecast automation and Carousel server software. Includes graphics, crawls, bugs, and bug text over video files.	Two channel multi-format video server with configurable I/O's. RAID storage. Includes Cablecast automation and Carousel server software. Includes graphics, crawls, bugs, and bug text over video files.	Four channel multi-format video server with configurable I/O's. RAID Storage. Includes Cablecast automation and Carousel server software. Includes graphics, crawls, bugs, and bug text over video files.	Four channel multi-format video server with configurable I/O's. RAID Storage. Includes Cablecast automation and Carousel server software. Includes graphics, crawls, bugs, and bug text over video files.	Four channel multi-format video server with configurable I/O's. No Storage. Includes Cablecast automation and Carousel server software. Includes graphics, crawls, bugs, and bug text over video files.	Carousel multi-zone player for broadcast applications	Cablecast automation and scheduling with Carousel server software included	Cablecast video on demand server with H.264 (HLS) video streaming, Cablecast automation, scheduling and Carousel server software included.	Cablecast Live H.264 (HLS) video streaming server
Dimension	19" x 14" x 1.75" (1RU)	19" x 25.5" x 1.75" (1RU)	19" x 25.5" (2RU)	19" x 25.5" (2RU)	19" x 25.5" (2RU)	19" x 14" x 1.75" (1RU)	19" x 14" x 1.75" (1RU)	19" x 25.5" (3RU)	19" x 14" x 1.75" (1RU)
System Disk	240GB Solid-state drive	2 x 240GB SSD in RAID 1	2 x 240GB SSD in RAID 1	2 x 240GB SSD in RAID 1	2 x 240GB SSD in RAID 1	240GB Solid-State Drive	2 x 1TB in RAID1	2 x 1TB in RAID1	240GB Solid-State Drive
Storage	4TB Fixed Disk	10TB RAID5 (4 x 4TB Drives)	16TB RAID5 (6x 4TB Drives)	32TB RAID5 (6x 8TB Drives)	0TB (Connect to SAN)	N/A	N/A	6TB RAID5 (4x 2TB Drives)	N/A
Video I/O	2 x 3G/HD/SD-SDI ports. Usable as inputs or outputs. HD-BNC connectors. Configurable as 1x1 or 0x2		4 x 3G/HD/SD-SDI ports. Usable as inputs or outputs. HD-BNC connectors. Configurable as 4x0, 3x1, 2x2, 1x3, and 0x4			Output: DVI, DisplayPort, VGA(adapter), Composite, Component, SDI Input: 3.5mm stereo. Optional HDMI, S-Video, Composite, Component	N/A	N/A	Input: 1 SD/HD-SDI Output: Apple HLS Specification
Audio I/O	Embedded Audio					3.5mm stereo. Optional embedded	N/A	Embedded Audio	
Genlock	Analog Black / Tri-level Sync.								N/A
Encoding Formats	MPEG-2 IBP & I-frame, DVCPRO, DVCPROHD, Apple ProRes, XDCAM, DVCAM					N/A	N/A	N/A	H.264 with mp3 audio
Decoding Formats	MPEG-2 IBP & I-frame, MPEG4, H.264 (AAC audio only), DVCPRO, DVCPROHD, Apple ProRes, XDCAM, DVCAM, AVI, IMX					MPEG2, H.264, Quicktime, AVI, DV, WMV, Adobe Flash	N/A	N/A	N/A
Device Control	Yes, RS-232, IP for AV Routing Switchers. Optional RS-422/232 Contol for routing switchers, DVD, BluRay, and DVR's such as Black Magic Hyperdeck and AJA Ki Pro					N/A	Yes, RS-232, Optional RS-422, IP for AV routing switchers, DVD, BluRay, and DVR's such as Black Magic Hyperdeck and AJA Ki Pro		Network
Video Bulletin Board Output	No, Carousel Server Software only					SD/HD-SDI with embedded audio, component, composite	No	No	No
Supported Carousel Channels	Up to 15 - CG340-SDI players required					One Per Player	Up to 15 - CAR-CG340-SDI players required		N/A
Internet Delivery	Through Cablecast Live and Cablecast VOD only					N/A	Through Cablecast Live and Cablecast VOD only	Multi-bitrate H.264 (HLS) Streaming	
Operating System	Windows 10 Professional					Windows 10 Enterprise	Windows Server 2016 Standard	Windows Server 2016 Standard	Windows 10 Enterprise
Network	2 x Gigabit Internet								
Power	100-240V AC, 50/60Hz	100-240V AC, 50/60Hz	100-240V AC, 50/60Hz (redundant)	100-240V AC, 50/60Hz (redundant)	100-240V AC, 50/60Hz (redundant)	100-240V AC, 50/60Hz	100-240V AC, 50/60Hz (redundant)	100-240V AC, 50/60Hz (redundant)	100-240V AC, 50/60Hz
Power Consumption	60W Avg 80W Peak	110W Avg 155W Peak	135W Avg 240W Peak	135W Avg 240W Peak	135W Avg 240W Peak	60W Avg 80W Peak	100W Avg 165W Peak	130W Avg 175W Peak	60W Avg 80W Peak
Warranty	Three years parts and labor			Three years parts and labor		Three years parts and labor			
Weight	20 lb (shipping)	45 lb (shipping)	72 lb (shipping)	72 lb (shipping)	72 lb (shipping)	20 lb (shipping)	45 lb (shipping)	72 lb (shipping)	20 lb (shipping)